

# How to find your Safety Data Sheet

1. Click the button with your country and language

2. Your SDS will open automatically

## A

**Aruba**  
Dutch

**Australia**  
English

**Austria**  
German

## B

**Belgium**  
Dutch

**Belgium**  
French

**Bosnia and Herzegovina**  
Serbian

**Brazil**  
Portugese

**Bulgaria**  
Bulgarian

## C

**Canada**  
English

**Canada**  
French

**Chile**  
Spanish

**China**  
Chinese

**Croatia**  
Croatian

**Czech Republic**  
Czech

## D

**Denmark**  
Danish

## E

**Estonia**  
Estonian

## F

**Finland**  
Finnish

**France**  
French

## G

**Germany**  
German

**Greece**  
Greek

## H

**Hong Kong**  
English

**Hungary**  
Hungarian

## I

**Iceland**  
Icelandic

**India**  
English

**Indonesia**  
Indonesian

**Ireland**  
English

**Israël**  
English

**Italy**  
Italian

## J

**Japan**  
Japanese

## K

**Kuwait**  
English

## M

**Macedonia**  
Macedonian

**Malaysia**  
Malay

**Malta**  
English

**Moldava**  
Romanian

**Montenegro**  
Serbian

## N

**Netherlands**  
Dutch

**New Zealand**  
English

**Norway**  
Norwegian

## P

**Poland**  
Polish

## Q

**Qatar**  
English

## R

**Romania**  
Romanian

## S

**Saudi Arabia**  
English

**Serbia**  
Serbian

**Singapore**  
English

**Slovakia**  
Slovak

**Slovenia**  
Slovenian

**South Korea**  
Korean

**Spain**  
Spanish

**Sweden**  
Swedish

**Switzerland**  
German

## T

**Taiwan**  
Chinese

**Turkey**  
Turkish

## U

**United Arab Emirates**  
English

**United Kingdom**  
English

**United States**  
English

## LEMBAR DATA KESELAMATAN

# i.26 kitchen polish (Alu-Air)

## 1: IDENTIFIKASI ZAT/SEDIAAN DAN PERUSAHAAN/YANG MENANGANI

### 1.1. Pengenal produk

*Nama produk:*

i.26 kitchen polish (Alu-Air)

### 1.2. Penggunaan zat atau campuran yang relevan dan penggunaan yang tidak dianjurkan

*Penggunaan-penggunaan yang dianjurkan:*

Deterjen dan bahan pembersih (termasuk yang berbasis pelarut)  
Terbatas untuk penggunaan industri dan para profesional.

*Penggunaan yang tidak disarankan:*

Tidak diketahui.

### 1.3. Rincian pemasok lembar data keselamatan

*Rincian perusahaan:*

**Hygeniq B.V.**

Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*Email:*

info@hygeniq.com

*Tanggal SDS:*

26/05/2025

*Versi SDS:*

1.0

### 1.4. Nomor telepon darurat

Jika timbul kondisi darurat, hubungi 112 (layanan 24 jam)

Lihat bagian 4: Tindakan pertolongan pertama

## 2: IDENTIFIKASI BAHAYA

### 2.1. Klasifikasi bahaya produk (senyawa / campuran)

Aerosol 3; H229, Wadah bertekanan: dapat meledak jika dipanaskan.

### 2.2. Elemen label

*Piktogram (simbol bahaya):*

Tidak berlaku.

*Kata sinyal:*

Peringatan

*Pernyataan Bahaya:*

Wadah bertekanan: dapat meledak jika dipanaskan. (H229)

*Pernyataan Kehati-hatian:*

*Umum:*

-

*Pencegahan:*

Jauhkan dari panas/percikan/api terbuka /permukaan yang panas.Dilarang merokok. (P210)  
Wadah yang dipres : jangan menusuk atau membakar,bahkan sesudah menggunakannya. (P251)

*Tanggapan:*

-

*Penyimpanan:*

Lindungi dari sinar matahari. Jangan terkena mtemperature melebihi 50 °C/122 °F. (P410+P412)

*Pembuangan:*

-

*Komponen-komponen yang berbahaya:*

Tidak mengandung bahan apa pun yang perlu dilaporkan

*Pelabelan tambahan:*

Tidak berlaku.

### 3: KOMPOSISI / INFORMASI TENTANG BAHAN PENYUSUN SENYAWA TUNGGAL

#### 3.1. Zat

Tidak berlaku. Produk ini adalah campuran.

#### 3.2. Campuran

Produk/bahan	Pengidentifikasi	% w/w	Klasifikasi	Catatan
Isopropylalcohol	CAS: 67-63-0 EC: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol, ethyl alcohol	CAS: 64-17-5 EC: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS: 122-99-6 EC: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

Lihat teks lengkap frase-H pada bagian 16. Batas paparan kerja tercantum di bagian 8, jika sudah tersedia.

#### Informasi Lain

-

### 4: TINDAKAN PERTOLONGAN PERTAMA PADA KECELAKAAN

#### 4.1. Deskripsi langkah-langkah pertolongan pertama

*Umum:*

Jika terjadi kecelakaan: Hubungi dokter atau bagian kecelakaan – bawa label atau lembar data keselamatan ini.  
Hubungi dokter jika ragu-ragu dengan kondisi korban cedera atau jika gejalanya terus berlanjut. Jangan sekali-kali memberi minum korban tak sadarkan diri dengan air putih atau minuman lain.

*Penghirupan:*

Saat terhirup, sesak atau iritasi saluran napas: Bawa korban ke tempat berudara segar dan tetaplh bersamanya.

*Kena kulit:*

Segera lepas pakaian dan sepatu yang terkontaminasi. Pastikan mencuci kulit terpapar dengan air dan sabun sampai bersih. Pembersih kulit bisa digunakan. **JANGAN** menggunakan pelarut atau pengencer.

**Kena mata:**

Jika pada mata: Bilas mata dengan air atau air garam (20-30 °C) selama minimal 5 menit. Lepas lensa kontak. Cari bantuan medis dan terus bilas mata selama perjalanan ke rumah sakit.

**Tertelan:**

Jika korban sadar, bilas mulut dengan air dan tetaplah bersamanya. Jika timbul malaise, segera cari bantuan medis dan bawa lembar data keselamatan atau label produk. Jangan merangsang muntah, kecuali karena saran dokter. Minta korban untuk condong ke depan dengan kepala lebih rendah untuk menghindari hirupan atau tersedak materi muntahan.

**Luka bakar:**

Tidak berlaku.

**4.2. Gejala-gejala dan efek-efek yang utama, baik yang akut maupun tertunda**

Tidak diketahui.

**4.3. Petunjuk pertolongan pertama dan perawatan khusus yang diperlukan**

Tangani sesuai gejala.

**Catatan untuk dokter**

Bawa lembar data keselamatan ini atau label.

## 5: TINDAKAN PEMADAMAN KEBAKARAN

**5.1. Media pemadam kebakaran/api**

Tidak berlaku.

**5.2. Bahaya-bahaya khusus yang akan muncul dari zat atau campuran**

Wadah bertekanan. Jika terbakar atau dipanaskan, peningkatan tekanan akan terjadi dan wadah bisa pecah. Kebakaran akan menyebabkan asap pekat. Paparan dari produk pembakaran bisa merusak kesehatan Anda. Wadah tertutup, yang terpapar api, harus didinginkan dengan air. Jangan biarkan air pemadam kebakaran masuk ke dalam sistem saluran air atau genangan air di sekitar.

Jika produk terpapar suhu tinggi, misalnya kebakaran, muncul senyawa dekomposisi yang berbahaya. Senyawa tersebut adalah:

Karbon oksida (CO / CO<sub>2</sub>)

Beberapa oksida logam

**5.3. Saran untuk pemadam kebakaran**

Kenakan alat bantu pernapasan SCBA dan pakaian pelindung untuk mencegah kontak. Saat terpapar langsung, hubungi layanan darurat (112) untuk mendapatkan saran lebih lanjut.

## 6: TINDAKAN PENANGGULANGAN JIKA TERJADI TUMPAHAN DAN KEBOCORAN

**6.1. Langkah-langkah pencegahan diri, alat pelindung dan prosedur tanggap darurat**

Area yang terkontaminasi mungkin licin.

**6.2. Langkah-langkah pencegahan bagi lingkungan**

Hindari kebocoran ke danau, sungai, saluran air, dll.

Jauhkan orang yang tidak berwenang dari tumpahan

**6.3. Metode dan bahan penangkalan (containment) dan pembersihan**

Tampung dan kumpulkan tumpahan dengan bahan penyerap yang tidak mudah terbakar, seperti pasir, tanah, tanah vermikulit atau diatom dan tempatkan dalam penampung yang sesuai untuk pembuangan berdasarkan peraturan lokal.

Jika memungkinkan, pembersihan dilakukan menggunakan bahan pembersih normal. Hindari penggunaan pelarut.

**6.4. Referensi ke bagian-bagian lain**

Lihat bagian 13 untuk tambahan informasi mengenai pembuangan limbah.

Lihat Bagian 8 untuk tambahan informasi kontrol paparan/perlindungan diri.

## 7: PENANGANAN DAN PENYIMPANAN

### 7.1. Langkah-langkah pencegahan untuk penanganan yang aman

Wadah yang dipres : jangan menusuk atau membakar, bahkan sesudah menggunakannya.

Dilarang merokok, minum, dan makan di tempat kerja.

Lihat bagian 'Kontrol paparan/perlindungan diri' untuk informasi tentang perlindungan diri.

### 7.2. Kondisi untuk penyimpanan yang aman, termasuk inkompatibilitas

Simpan di dalam wadah yang tertutup rapat dan terlindung dari kelembapan dan cahaya. Wadah harus diberi tanggal saat dibuka dan diuji secara berkala untuk mengetahui adanya peroksida. Jangan melewati batas waktu penyimpanan.

Wadah yang sudah terbuka harus disegel ulang dengan hati-hati dan ditaruh tegak berdiri untuk mencegah kebocoran.

*Material penyimpanan yang direkomendasikan:*

Jaga hanya disimpan dalam wadah aslinya.

*Kondisi penyimpanan:*

Kering, dingin, dan baik ventilasinya

*Bahan-bahan yang tidak tercampurkan:*

Asam kuat, basa kuat, bahan pengoksidasi kuat, dan bahan pereduksi kuat.

### 7.3. Kegunaan(-kegunaan) akhir spesifik

Produk ini hanya boleh digunakan untuk penerapan yang tercantum di bagian 1.2.

## 8: KONTROL PAPANAN / PERLINDUNGAN DIRI

### 8.1. Paramater pengendalian

Tidak ada zat yang terdaftar dengan batas paparan pekerja.

### 8.2. Pengendalian paparan

Terapkan kontrol umum untuk mencegah paparan yang tidak perlu.

*Rekomendasi umum:*

Dilarang merokok, minum, dan makan di tempat kerja.

*Skenario paparan:*

Tidak ada skenario paparan yang diterapkan untuk produk ini.

*Nilai batas paparan:*

Batas paparan kerja belum ditetapkan untuk zat-zat yang terkandung dalam produk ini.

*Teknik pengendalian yang benar:*

Terapkan tindakan pencegahan standar saat menggunakan produk. Hindari menghirup uap.

*Tindakan Higienis:*

Di sela-sela penggunaan produk dan se usai kerja, semua anggota tubuh yang terpapar harus dicuci bersih. Berikan perhatian khusus kepada tangan, lengan bawah, dan wajah.

*Pengendalian pemaparan lingkungan:*

Tidak ada persyaratan khusus.

### Tindakan perlindungan diri

*Umum:*

Cukup gunakan peralatan pelindung bertanda CE.

*Perlindungan pernapasan:*

Tipe	Kelas	Warna	Standar	
Tidak ada yang istimewa jika digunakan sesuai aturan				

*Perlindungan tubuh:*

Disarankan	Tipe / Kategori	Standar	
Tidak ada yang istimewa jika digunakan sesuai aturan	-	-	

*Perlindungan tangan:*

Kondisi kerja	Bahan	Ketebalan sarung tangan (mm)	Waktu tembus (menit)	Standar	
	Tidak ada yang istimewa jika digunakan sesuai aturan	-	-	-	
Jika paparan berkepanjangan atau konsentrasi tinggi	Katun/Karet nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Perlindungan mata:*

Tipe	Standar	
Tidak ada yang istimewa jika digunakan sesuai aturan	-	

## 9: SIFAT FISIKA DAN KIMIA

### 9.1. Informasi sifat-sifat fisika dan kimia dasar

*Bentuk fisik:*

Cairan

*Warna:*

Putih

*Bau:*

Parfum

*Ambang batas bau (ppm):*

Data tidak tersedia.

*pH:*

ca. 9

*Kerapatan (densitas) relatif (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Kekentalan (viskositas):*

Data tidak tersedia.

ca 1000 mPa.s (20 °C)

*Karakteristik partikel:*

Ne primjenjuje se na tekućine.

#### Perubahan fase

*Titik lebur / titik beku (°C):*

Data tidak tersedia.

*Titik pelunakan/rentang (°C):*

Ne primjenjuje se na tekućine.

*Titik didih/jarak didih (°C):*

Data tidak tersedia.

*Tekanan uap:*

Data tidak tersedia.

*Rapat (densitas) uap:*

Data tidak tersedia.

*Suhu penguraian (°C):*

Data tidak tersedia.

*Laju penguapan:*

**Data tentang bahaya kebakaran dan ledakan**

*Titik nyala (°C):*

Data tidak tersedia.

*Kemudahan-menyala (°C):*

Data tidak tersedia.

*Suhu dapat membakar sendiri (°C):*

Data tidak tersedia.

*Batas atas/bawah kemudahan terbakar atau batasan meledak (% v/v):*

Data tidak tersedia.

**Kelarutan**

*Kelarutan dalam air:*

Data tidak tersedia.

*Koefisien partisi (LogKow):*

Data tidak tersedia.

*Kelarutan dalam lemak (g/L):*

Data tidak tersedia.

**9.2. Informasi Lain**

*Parameter fisik dan kimia lainnya:*

Data tidak tersedia.

*Sifat pengoksidasi:*

Data tidak tersedia.

## 10: STABILITAS DAN REAKTIFITAS

**10.1. Reaktivitas**

Data tidak tersedia.

**10.2. Stabilitas kimia**

Produk stabil dalam kondisi seperti yang tercantum di bagian 7 "Penanganan dan penyimpanan".

**10.3. Reaksi berbahaya yang mungkin di bawah kondisi spesifik / khusus**

Tidak diketahui.

**10.4. Kondisi yang harus dihindari**

Tidak diketahui.

**10.5. Bahan-bahan yang tidak tercampurkan**

Asam kuat, basa kuat, bahan pengoksida kuat, dan bahan pereduksi kuat.

**10.6. Hasil penguraian yang berbahaya**

Saat disimpan dan digunakan dalam kondisi normal, produk dekomposisi berbahaya tidak boleh dihasilkan.

## 11: INFORMASI TOKSIKOLOGI

**11.1. Informasi efek-efek toksikologi**

**Toksitasitas akut**

Produk/bahan                      Isopropylalcohol

Menurut Nomor peraturan 23/M-IND/PER/4/2013 (GHS)

Spesies:	Tikus besar
Rute Paparan:	Lisan
Uji:	LD50
Hasil:	>2000 mg/kg

Produk/bahan	Isopropylalcohol
Spesies:	Kelinci
Rute Paparan:	Kulit
Uji:	LD50
Hasil:	>2000 mg/kg

Produk/bahan	Isopropylalcohol
Spesies:	Tikus besar
Rute Paparan:	Penghirupan
Uji:	LC50
Hasil:	>20

Produk/bahan	Isopropylalcohol
Rute Paparan:	Lisan
Uji:	LD50
Hasil:	5849 mg/kg

Produk/bahan	Isopropylalcohol
Spesies:	Tikus besar
Rute Paparan:	Lisan
Uji:	LD50
Hasil:	5840 mg/kg

Produk/bahan	Isopropylalcohol
Spesies:	Kelinci
Rute Paparan:	Kulit
Uji:	LD50
Hasil:	12800 mg/kg

Produk/bahan	Isopropylalcohol
Rute Paparan:	Penghirupan
Uji:	LC50
Hasil:	301002 mg/L

Produk/bahan	2-phenoxyethanol
Spesies:	Tikus besar
Rute Paparan:	Lisan
Uji:	LD50
Hasil:	1840 mg/kg

Produk/bahan	2-phenoxyethanol
Spesies:	Kelinci
Rute Paparan:	Kulit
Hasil:	>5000 mg/kg

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

#### **Iritasi/korosif**

Produk/bahan	Isopropylalcohol
Metode pengujian:	OECD 404
Spesies:	Kelinci
Durasi:	4 hours

Produk/bahan	2-phenoxyethanol
Hasil:	Efek tak diinginkan teramati (Korosif)

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

#### Kerusakan/iritasi mata berat

Produk/bahan: Isopropylalcohol  
 Spesies: Kelinci  
 Hasil: Efek tak diinginkan teramat (Menimbulkan iritasi)

Produk/bahan: Isopropylalcohol  
 Metode pengujian: OECD 405  
 Spesies: Kelinci  
 Hasil: Efek tak diinginkan teramat (Menyebabkan kerusakan serius pada mata)

Produk/bahan: 2-phenoxyethanol  
 Hasil: Efek tak diinginkan teramat (Menyebabkan kerusakan serius pada mata)

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

#### Kepekaan pernafasan

Produk/bahan: Isopropylalcohol  
 Metode pengujian: OECD 406  
 Spesies: Marmut  
 Hasil: Efek tak diinginkan tidak teramat (tidak membuat peka)

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

#### Kepekaan kulit

Produk/bahan: Isopropylalcohol  
 Spesies: Marmut  
 Hasil: Efek tak diinginkan tidak teramat (tidak membuat peka)

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

#### Mutagenisitas sel kuman

Produk/bahan: Isopropylalcohol  
 Kesimpulan: Efek tak diinginkan tidak teramat

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

#### Karsinogenisitas

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.  
 Isopropylalcohol: Zat ini telah dikelompokkan sebagai grup 3 oleh IARC.

#### Toksitas reproduktif

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

#### Tosisitas sistemik pada organ target spesifik karena paparan tunggal

Produk/bahan: Isopropylalcohol  
 Rute Paparan: Lisan

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

#### Toksitas sistemik pada organ target spesifik karena paparan berulang

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

#### Bahaya aspirasi

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

#### Berpotensi efek kesehatan yang kronis

Tidak diketahui.

## 12: INFORMASI EKOLOGI

### 12.1. Toksisitas

Produk/bahan: Isopropylalcohol  
 Spesies: Ikan, Goudwinde (Leuciscus idus)  
 Durasi: 48 jam  
 Uji: LC50  
 Hasil: >100 mg/L

Menurut Nomor peraturan 23/M-IND/PER/4/2013 (GHS)

Produk/bahan	Isopropylalcohol
Spesies:	Krustasea, Daphnia magna
Durasi:	48 jam
Uji:	EC50
Hasil:	>100 mg/L
Produk/bahan	Isopropylalcohol
Spesies:	Ganggang, Scenedesmus subspicatus
Durasi:	72 jam
Uji:	EC50
Hasil:	>100 mg/L
Produk/bahan	2-phenoxyethanol
Spesies:	Ikan
Durasi:	96 jam
Uji:	LC50
Hasil:	>100 mg/L
Produk/bahan	2-phenoxyethanol
Spesies:	Ganggang
Durasi:	72 jam
Uji:	ErC50
Hasil:	>100 mg/L
Produk/bahan	2-phenoxyethanol
Spesies:	Daphnia magna
Durasi:	48 jam
Uji:	EC50
Hasil:	>100 mg/L
Produk/bahan	2-phenoxyethanol
Spesies:	Ikan
Uji:	NOEC
Hasil:	23 mg/L
Produk/bahan	2-phenoxyethanol
Spesies:	Andere waterorganismen
Durasi:	30 minutes
Uji:	EC50
Hasil:	>1000 mg/L

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

## 12.2. Ketahanan dan tingkat degradasi

Produk/bahan	Isopropylalcohol
Hasil:	95%
Kesimpulan:	Mudah terurai secara hayati
Uji:	OECD 301 E
Produk/bahan	2-phenoxyethanol
Hasil:	>70
Kesimpulan:	Mudah terurai secara hayati
Uji:	OECD 301 A

## 12.3. Potensi bioakumulasi

Produk/bahan	Isopropylalcohol
BCF:	<100
LogKow:	<3
Kesimpulan:	-
Produk/bahan	2-phenoxyethanol

Menurut Nomor peraturan 23/M-IND/PER/4/2013 (GHS)

BCF: 0.349  
LogKow: 1.2  
Kesimpulan: -

#### 12.4. Mobilitas dalam tanah

Data tidak tersedia.

#### 12.5. Hasil penilaian PBT dan vPvB

Campuran/produk ini tidak mengandung zat apa pun yang dianggap memenuhi kriteria yang mengelompokkannya sebagai PBT dan/atau vPvB.

#### 12.6. Efek merugikan lainnya

Tidak diketahui.

## 13: PEMBUANGAN LIMBAH

#### Metoda pengolahan limbah

Produk ini tidak tercakup oleh peraturan tentang limbah berbahaya.

#### Pelabelan khusus

#### Kemasan

Kemasan yang mengandung sisa-sisa produk harus dibuang bersama produk dengan cara yang sama.

## 14: INFORMASI TRANSPORTASI

	14.1 UN	14.2 Nama pengapalan yang sesuai	14.3 Kelas	14.4 PG*	14.5 Env**	Informasi Lain:
ADR	1950	AEROSOLS	Kelas bahaya transportasi: 2 Kelas bahaya pengangkutan: 2.2 Kode klasifikasi: 5A	-	Tidak	Jumlah terbatas: 1 L Kode pembatasan terowongan: 3 (E) Lihat di bawah untuk tambahan informasi
IMDG	1950	AEROSOLS	Kelas bahaya transportasi: 2 Kelas bahaya pengangkutan: 2.2 Kode klasifikasi: 5A	-	Tidak	Jumlah terbatas: 1 L EmS: F-D S-U Lihat di bawah untuk tambahan informasi
IATA	1950	AEROSOLS	Kelas bahaya transportasi: 2 Kelas bahaya pengangkutan: 2.2 Kode klasifikasi: 5A	-	Tidak	Lihat di bawah untuk tambahan informasi

\* Kelompok pengemasan

\*\* Bahaya lingkungan

#### Informasi tamba

Produk ini berada dalam ruang lingkup peraturan pengangkutan barang-barang berbahaya.

ADR / Lihat Tabel A, Bagian 3.2.1 untuk setiap informasi tentang ketentuan khusus, persyaratan, atau peringatan sehubungan dengan pengangkutan. Lihat bagian 5.4.3 untuk petunjuk tertulis tentang mitigasi kerusakan terkait dengan insiden atau kecelakaan dalam pengangkutan.  
IMGD / Lihat Bagian 3.2.1 untuk setiap informasi tentang ketentuan khusus, persyaratan, atau peringatan sehubungan dengan pengangkutan.  
IATA / Lihat Tabel 4.2 untuk setiap informasi tentang ketentuan khusus, persyaratan, atau peringatan sehubungan dengan pengangkutan.

**14.6. Tindakan kehati-hatian khusus bagi pengguna**

Tidak berlaku.

**14.7. Transport dalam jumlah besar (bulk) sesuai Annex II MARPOL dan kode IBC**

Data tidak tersedia.

## 15: INFORMASI YANG BERKAITAN DENGAN REGULASI

**15.1. Keselamatan, kesehatan dan peraturan lingkungan alam/perundang-undangan spesifik untuk zat atau campuran**

*Batasan aplikasi:*

Terbatas untuk penggunaan industri dan para profesional.

*Tuntutan akan pendidikan khusus:*

Tidak ada persyaratan khusus.

*Informasi tambahan:*

Tidak berlaku.

*Sumber:*

Nomor peraturan 23/M-IND/PER/4/2013 (GHS)

**15.2. Penilaian keamanan kimiawi**

Tidak

## 16. INFORMASI LAIN

**Teks lengkap frasa-H sebagaimana yang tercantum pada bagian 3**

H225, Cairan dan uap sangat mudah menyala.  
H302, Berbahaya bila tertelan.  
H318, Menyebabkan kerusakan serius pada mata.  
H319, Menyebabkan iritasi serius pada mata.  
H335, Dapat menyebabkan iritasi pernafasan.  
H336, Dapat menyebabkan mengantuk atau pusing.

**Teks lengkap penggunaan yang sudah dikenal sebagaimana yang tercantum pada bagian 1**

Tidak diketahui.

**Singkatan dan akronim**

ADN = Ketentuan Eropa terkait Pengangkutan Internasional Bahan-Bahan Berbahaya melalui Jalur Pelayaran Dalam Pulau  
ADR = Kesepakatan Eropa terkait Pengangkutan Internasional Bahan-Bahan Berbahaya melalui Jalur Darat  
ATE = Estimasi Toksisitas Akut  
BCF = Faktor Biokonsentrasi  
CAS = Layanan Abstrak Kimia  
EINECS = Inventaris Eropa untuk Zat-Zat Kimia Komersial yang Sudah Ada  
GHS = Sistem Harmonisasi Global untuk Klasifikasi dan Pelabelan Zat-Zat Kimia  
IARC = Badan Riset Kanker Internasional  
IATA = Asosiasi Transportasi Udara Internasional  
IMDG = Bahan-Bahan yang Membahayakan Laut Internasional  
LogPow = logaritma koefisien partisi oktanol/air  
MARPOL = Konvensi Internasional bagi Pencegahan Polusi Dari Kapal, 1973 sebagaimana diubah berdasarkan Protokol 1978. ("Marpol" = pencemaran laut)  
OECD = Organisasi Kerja sama dan Pembangunan Ekonomi

Menurut Nomor peraturan 23/M-IND/PER/4/2013 (GHS)

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RID = Peraturan terkait Pengangkutan Internasional Bahan-Bahan Berbahaya dengan Kereta Api

SCL = Batas konsentrasi khusus.

STEL = Batas paparan jangka pendek

STOT-RE = Toksisitas Organ Sasaran Khusus - Paparan Berulang

STOT-SE = Toksisitas Organ Sasaran Khusus - Paparan Tunggal

TWA = Rerata tertimbang waktu

UN = Perserikatan Bangsa-Bangsa

VOC = Senyawa Organik Volatil

**Informasi tambahan**

Tidak berlaku.

**Lembar data keselamatan disahkan oleh**

Quality & Compliance

**Informasi Lain**

Perubahan (selaras dengan perubahan besar terakhir (nol pertama menurut versi SDS, lihat bagian 1)) ditandai dengan segitiga.

Informasi dalam lembar data keselamatan ini hanya berlaku untuk produk khusus ini (yang disebutkan di bagian 1) dan tidak serta-merta tepat untuk digunakan bersama dengan zat kimia/produk lain.

Lembar data keselamatan ini hendaknya diberikan kepada pengguna aktual produk ini. Informasi dalam lembar data keselamatan ini tidak boleh digunakan sebagai spesifikasi produk.

Negara-bahasa: ID-id

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

*Unique formula identifier (UFI):*

8YFR-ND5E-MUMG-2XW1

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*Revision:*

26/05/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

The National Poisons Information Centre (NPIC)  
Public: +353 (0) 1 809 2166 (7 days a week, 8am- 10pm)  
Healthcare professionals: +353 (0) 1 809 2566 (24 h service)  
See also section 4 "First aid measures"

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP).

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

#### 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

**Signal word:**

Warning

**Hazard statement(s):**

Pressurised container: May burst if heated. (H229)

**Precautionary statement(s):**

**General:**

-

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)

Do not pierce or burn, even after use. (P251)

**Response:**

-

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

**Disposal:**

-

**Hazardous substances:**

Does not contain any substances required to report

**Additional labelling:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Labelling of contents according to Detergents Regulation (EC) No 648/2004:**

< 5%

- Anionic surfactants
- Non-ionic surfactants
- Perfumes
- Preservation agent (PHENOXYETHANOL)

### 2.3. Other hazards

**Additional warnings:**

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7 REACH: Index No.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6 REACH: Index No.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg)	

	REACH: 01-2119488943-21 Index No.: 603-098-00-9		Eye Dam. 1, H318 STOT SE 3, H335	
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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

-

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact:

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

#### Eye contact:

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

#### Ingestion:

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

#### Burns:

Not applicable.

### 4.2. Most important symptoms and effects, both acute and delayed

None known.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Not applicable.

### 5.2. Special hazards arising from the substance or mixture

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst. Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the National Poisons Information Centre (NPIC) on +353 (0) 1 809 256 (24 h service) in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.  
Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.  
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.  
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Keep only in original packaging.

*Storage conditions:*

Dry, cool and well ventilated

*Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Aluminium oxide

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10 (total inhalable dust) / 4 (respirable dust)

isopropyl alcohol

Long term exposure limit (8 hours) (ppm): 200

Short term exposure limit (15 minutes) (ppm): 400

Annotations:

Sk = Substance, which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body.

ethanol;ethyl alcohol  
Short term exposure limit (15 minutes) (ppm): 1000

2024 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations (2001-2021) and the Safety, Health and Welfare at Work (Carcinogens, Mutagens and Reprotoxic Substances) Regulations (2024).

## DNEL

### 2-phenoxyethanol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects	Dermal	10,42 mg/kg
Long term – Systemic effects - General population	Dermal	20,83 mg/kg
Long term – Systemic effects - Workers	Dermal	34.72 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	5,7 mg/m <sup>3</sup>
Long term – Systemic effects	Inhalation	2,41 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	5,7 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	8.07 mg/m <sup>3</sup>
Long term	Oral	9,23 mg/kg

### ethanol;ethyl alcohol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	206 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	343 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	114 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	380 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	950 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	1900 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	87 mg/kg bw/day

### isopropyl alcohol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	319 mg/kg
Long term – Systemic effects - Workers	Dermal	888 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	89 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	89 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	500 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	26 mg/kg

## PNEC

### 2-phenoxyethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,943 mg/L
Freshwater sediment		7.2366 mg/kg
Marine water		0.0943 mg/L
Marine water sediment		0,7237 mg/kg
Sewage treatment plant		24,8 mg/L
Sewage treatment plant	Single	36 mg/L
Soil		1,26 mg/kg

ethanol;ethyl alcohol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		960 µg/L
Freshwater sediment		3.6 mg/kg
Intermittent release (freshwater)		2.75 mg/L
Marine water		790 µg/L
Marine water sediment		2.9 mg/kg
Predators		380-720 mg/kg
Sewage treatment plant		580 mg/L
Soil		630 µg/kg

isopropyl alcohol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		140,9 mg/L
Freshwater sediment		552 mg/kg
Intermittent release		140,9 mg/L
Marine water		140,9 mg/L
Marine water sediment		552 mg/kg
Sewage treatment plant		2251 mg/L
Soil		28 mg/kg

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

*Appropriate technical measures:*

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*

No specific requirements.

## Individual protection measures, such as personal protective equipment

*Generally:*

Use only CE marked protective equipment.

*Respiratory Equipment:*

Type	Class	Colour	Standards
No special when used as intended.			

*Skin protection:*

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Eye protection:*

Type	Standards	
No special when used as intended.	-	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Physical state:*

Liquid

*Colour:*

White

*Odour / Odour threshold:*

Of perfume

*pH:*

ca. 9

*Density (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematic viscosity:*

No data available.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

#### Phase changes

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

### Data on fire and explosion hazards

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Lower and upper explosion limit (% v/v):*

No data available.

### Solubility

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

### 9.2. Other information

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Product/substance	Aluminium oxide
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 5 mg/L

Product/substance	Aluminium oxide
Species:	Rat
Route of exposure:	Oral

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Result: > 5000 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: >2000 mg/kg

Product/substance: isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: >2000 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Inhalation  
Test: LC50  
Result: >20

Product/substance: isopropyl alcohol  
Route of exposure: Oral  
Test: LD50  
Result: 5849 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 5840 mg/kg

Product/substance: isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: 12800 mg/kg

Product/substance: isopropyl alcohol  
Route of exposure: Inhalation  
Test: LC50  
Result: 301002 mg/L

Product/substance: 2-phenoxyethanol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 1840 mg/kg

Product/substance: 2-phenoxyethanol  
Species: Rabbit  
Route of exposure: Dermal  
Result: >5000 mg/kg

Based on available data, the classification criteria are not met.

**Skin corrosion/irritation**

Product/substance: isopropyl alcohol  
Test method: OECD 404  
Species: Rabbit  
Duration: 4 hours

Product/substance      2-phenoxyethanol  
Result:                      Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Product/substance      Aluminium oxide

Product/substance      isopropyl alcohol  
Species:                      Rabbit  
Result:                      Adverse effect observed (Irritating)

Product/substance      isopropyl alcohol  
Test method:              OECD 405  
Species:                      Rabbit  
Result:                      Adverse effect observed (Causes serious eye damage)

Product/substance      2-phenoxyethanol  
Result:                      Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

**Respiratory sensitisation**

Product/substance      isopropyl alcohol  
Test method:              OECD 406  
Species:                      Guinea pig  
Result:                      No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

**Skin sensitisation**

Product/substance      isopropyl alcohol  
Species:                      Guinea pig  
Result:                      No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Product/substance      isopropyl alcohol  
Conclusion:                      No adverse effect observed

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Product/substance      isopropyl alcohol  
Route of exposure:              Oral

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**11.2. Information on other hazards**

**Long term effects**

None known.

**Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

### Other information

isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Product/substance	isopropyl alcohol
Species:	Fish, Goudwinde (Leuciscus idus)
Duration:	48 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Algae
Duration:	72 hours
Test:	ErC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Fish
Test:	NOEC
Result:	23 mg/L

Product/substance	2-phenoxyethanol
Species:	Andere waterorganismen
Duration:	30 minutes
Test:	EC50
Result:	>1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance	isopropyl alcohol
Result:	95%
Conclusion:	Readily biodegradable
Test:	OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

### 12.3. Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.  
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

*EWC code:*  
20 01 30 Detergents other than those mentioned in 20 01 29

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information.

	<b>14.1 UN / ID</b>	<b>14.2 UN proper shipping name</b>	<b>14.3 Hazard class(es)</b>	<b>14.4 PG*</b>	<b>14.5 Env**</b>	<b>Other informatio n:</b>
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

#### **Additional information**

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

#### **14.6. Special precautions for user**

Not applicable.

#### **14.7. Maritime transport in bulk according to IMO instruments**

No data available.

## **SECTION 15: REGULATORY INFORMATION**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*SEVESO - Categories / dangerous substances:*

Not applicable.

*REACH, Annex XVII:*

isopropyl alcohol is subject to REACH restrictions (entry 40).

ethanol;ethyl alcohol is subject to REACH restrictions (entry 40).

*Labelling of contents according to Detergents Regulation (EC) No 648/2004:*

< 5%

- Anionic surfactants
- Non-ionic surfactants
- Perfumes

- Preservation agent (PHENOXYETHANOL)

**Additional information:**

Not applicable.

**Sources:**

Maternity Protection Act 1994 (34/1994) with later amendments.  
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.  
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**15.2. Chemical safety assessment**

No

## SECTION 16: OTHER INFORMATION

**Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.  
H302, Harmful if swallowed.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H335, May cause respiratory irritation.  
H336, May cause drowsiness or dizziness.

**Abbreviations and acronyms**

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: IE-en

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

*Unique formula identifier (UFI):*

8YFR-ND5E-MUMG-2XW1

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*Revision:*

26/05/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

Israel Poison Information Center

Acute poisoning (hotline): 04-7771900 (24h service).

For drug information and consultations pertaining to exposure of pregnant or breast feeding women to drugs, chemicals, and other poisons the center can be called Sundays through Thursdays between 09:00 to 15:00.

See section 4 "First aid measures".

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to Israeli Standard SI 2302.

Classified according to Regulation (EC) No. 1272/2008 (CLP).

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

## 2.2. Label elements

*Hazard pictogram(s):*  
Not applicable.

*Signal word:*  
Warning

*Hazard statement(s):*  
Pressurised container: May burst if heated. (H229)

*Precautionary statement(s):*

*General:*

-

*Prevention:*

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

*Response:*

-

*Storage:*

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

*Disposal:*

-

*Hazardous substances:*

Does not contain any substances required to report

*Additional labelling:*

UFI: 8YFR-ND5E-MUMG-2XW1

## 2.3. Other hazards

*Additional warnings:*

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.  
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

# SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1. Substances

Not applicable. This product is a mixture.

## 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7 REACH: Index No.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6 REACH: Index No.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7 REACH: 01-2119488943-21 Index No.: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### **Other information**

[1] European occupational exposure limit.

## **SECTION 4: FIRST AID MEASURES**

### **4.1. Description of first aid measures**

#### *General information:*

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### *Inhalation:*

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### *Skin contact:*

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

#### *Eye contact:*

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

#### *Ingestion:*

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

#### *Burns:*

Not applicable.

### **4.2. Most important symptoms and effects, both acute and delayed**

None known.

### **4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

#### **Information to medics**

Bring this safety data sheet or the label from this product.

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1. Extinguishing media**

Not applicable.

### **5.2. Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

### **5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact

the Israel Poison Information Center hotline: 04-7771900 (24h service) in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.  
Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.  
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.  
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### *Recommended storage material:*

Keep only in original packaging.

#### *Storage conditions:*

Dry, cool and well ventilated

#### *Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

isopropyl alcohol

Short term exposure limit (STEL) (ACGIH TLV) (ppm): 400

Short term exposure limit (STEL) (NIOSH REL) (ppm): 500

Long term exposure limit (OSHA Table Z-1) (mg/m<sup>3</sup>): 980

Long term exposure limit (OSHA Table Z-1) (ppm): 400

Long term exposure limit (ACGIH TLV) (ppm): 200

ethanol;ethyl alcohol

Short term exposure limit (STEL) (ACGIH TLV) (ppm): 1000

Long term exposure limit (OSHA Table Z-1) (mg/m<sup>3</sup>): 1900

Long term exposure limit (OSHA Table Z-1) (ppm): 1000

butanone;ethyl methyl ketone

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Short term exposure limit (STEL) (ACGIH TLV) (ppm): 300  
 Short term exposure limit (STEL) (NIOSH REL) (ppm): 300  
 Long term exposure limit (OSHA Table Z-1) (mg/m<sup>3</sup>): 590  
 Long term exposure limit (OSHA Table Z-1) (ppm): 200  
 Long term exposure limit (ACGIH TLV) (ppm): 200

Part 1910 - Occupational Safety and Health Standards (29 CFR 1910.1000 TABLE Z-1 - Limits for Air Contaminants)

**DNEL**

2-phenoxyethanol

Duration:	Route of exposure:	DNEL:
Long term - Systemic effects	Dermal	10,42 mg/kg
Long term - Systemic effects - General population	Dermal	20,83 mg/kg
Long term - Systemic effects - Workers	Dermal	34.72 mg/kg bw/day
Long term - Local effects - Workers	Inhalation	5,7 mg/m <sup>3</sup>
Long term - Systemic effects	Inhalation	2,41 mg/m <sup>3</sup>
Long term - Systemic effects - Workers	Inhalation	5,7 mg/m <sup>3</sup>
Long term - Systemic effects - Workers	Inhalation	8.07 mg/m <sup>3</sup>
Long term	Oral	9,23 mg/kg

ethanol;ethyl alcohol

Duration:	Route of exposure:	DNEL:
Long term - Systemic effects - General population	Dermal	206 mg/kg bw/day
Long term - Systemic effects - Workers	Dermal	343 mg/kg bw/day
Long term - Systemic effects - General population	Inhalation	114 mg/m <sup>3</sup>
Long term - Systemic effects - Workers	Inhalation	380 mg/m <sup>3</sup>
Short term - Local effects - General population	Inhalation	950 mg/m <sup>3</sup>
Short term - Local effects - Workers	Inhalation	1900 mg/m <sup>3</sup>
Long term - Systemic effects - General population	Oral	87 mg/kg bw/day

isopropyl alcohol

Duration:	Route of exposure:	DNEL:
Long term - Systemic effects - General population	Dermal	319 mg/kg
Long term - Systemic effects - Workers	Dermal	888 mg/m <sup>3</sup>
Long term - Systemic effects - General population	Inhalation	89 mg/m <sup>3</sup>
Long term - Systemic effects - General population	Inhalation	89 mg/m <sup>3</sup>
Long term - Systemic effects - Workers	Inhalation	500 mg/m <sup>3</sup>
Long term - Systemic effects - General population	Oral	26 mg/kg

**PNEC**

2-phenoxyethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,943 mg/L
Freshwater sediment		7.2366 mg/kg
Marine water		0.0943 mg/L
Marine water sediment		0,7237 mg/kg
Sewage treatment plant		24,8 mg/L
Sewage treatment plant	Single	36 mg/L

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Soil		1,26 mg/kg
------	--	------------

ethanol;ethyl alcohol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		960 µg/L
Freshwater sediment		3.6 mg/kg
Intermittent release (freshwater)		2.75 mg/L
Marine water		790 µg/L
Marine water sediment		2.9 mg/kg
Predators		380-720 mg/kg
Sewage treatment plant		580 mg/L
Soil		630 µg/kg

isopropyl alcohol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		140,9 mg/L
Freshwater sediment		552 mg/kg
Intermittent release		140,9 mg/L
Marine water		140,9 mg/L
Marine water sediment		552 mg/kg
Sewage treatment plant		2251 mg/L
Soil		28 mg/kg

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios:

There are no exposure scenarios implemented for this product.

### Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

### Hygiene measures:

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

### Measures to avoid environmental exposure:

No specific requirements.

## Individual protection measures, such as personal protective equipment

### Generally:

Use only CE marked protective equipment.

### Respiratory Equipment:

Type	Class	Colour	Standards	
No special when used as intended.				

*Skin protection:*

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Eye protection:*

Type	Standards	
No special when used as intended.	-	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Physical state:*

Liquid

*Colour:*

White

*Odour / Odour threshold:*

Of perfume

*pH:*

ca. 9

*Density (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematic viscosity:*

No data available.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

#### Phase changes

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

#### Data on fire and explosion hazards

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Lower and upper explosion limit (% v/v):*

No data available.

#### Solubility

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

#### 9.2. Other information

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## SECTION 10: STABILITY AND REACTIVITY

#### 10.1. Reactivity

No data available.

#### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### 10.3. Possibility of hazardous reactions

None known.

#### 10.4. Conditions to avoid

None known.

#### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

##### Acute toxicity

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Test: LD50  
Result: >2000 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Inhalation  
Test: LC50  
Result: >20

Product/substance: isopropyl alcohol  
Route of exposure: Oral  
Test: LD50  
Result: 5849 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 5840 mg/kg

Product/substance: isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: 12800 mg/kg

Product/substance: isopropyl alcohol  
Route of exposure: Inhalation  
Test: LC50  
Result: 301002 mg/L

Product/substance: 2-phenoxyethanol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 1840 mg/kg

Product/substance: 2-phenoxyethanol  
Species: Rabbit  
Route of exposure: Dermal  
Result: >5000 mg/kg

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Product/substance: isopropyl alcohol  
Test method: OECD 404  
Species: Rabbit  
Duration: 4 hours

Product/substance: 2-phenoxyethanol  
Result: Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Product/substance: isopropyl alcohol  
Species: Rabbit  
Result: Adverse effect observed (Irritating)

Product/substance: isopropyl alcohol  
Test method: OECD 405

Species: Rabbit  
Result: Adverse effect observed (Causes serious eye damage)

Product/substance 2-phenoxyethanol  
Result: Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Product/substance isopropyl alcohol  
Test method: OECD 406  
Species: Guinea pig  
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Product/substance isopropyl alcohol  
Species: Guinea pig  
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Product/substance isopropyl alcohol  
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Product/substance isopropyl alcohol  
Route of exposure: Oral

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

### 11.2. Information on other hazards

#### Long term effects

None known.

#### Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

#### Other information

isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Product/substance isopropyl alcohol  
Species: Fish, Goudwinde (Leuciscus idus)  
Duration: 48 hours  
Test: LC50  
Result: >100 mg/L

Product/substance isopropyl alcohol

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Algae
Duration:	72 hours
Test:	ErC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Fish
Test:	NOEC
Result:	23 mg/L

Product/substance	2-phenoxyethanol
Species:	Andere waterorganismen
Duration:	30 minutes
Test:	EC50
Result:	>1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance	isopropyl alcohol
Result:	95%
Conclusion:	Readily biodegradable
Test:	OECD 301 E

Product/substance	2-phenoxyethanol
Result:	>70
Conclusion:	Readily biodegradable
Test:	OECD 301 A

### 12.3. Bioaccumulative potential

Product/substance	isopropyl alcohol
BCF:	<100
LogKow:	<3
Conclusion:	-

Product/substance	2-phenoxyethanol
BCF:	0.349
LogKow:	1.2

Conclusion: -

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

**12.6. Endocrine disrupting properties**

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

**12.7. Other adverse effects**

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

Product is not covered by regulations on dangerous waste.  
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

*EWC code:*

20 01 30 Detergents other than those mentioned in 20 01 29

**Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

**SECTION 14: TRANSPORT INFORMATION**

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2	-	No	See below

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
			Label: 2.2 Classification code: 5A			for additional information

\* Packing group

\*\* Environmental hazards

#### Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Restrictions for application:

Restricted to professional users.

#### Demands for specific education:

No specific requirements.

#### SEVESO - Categories / dangerous substances:

Not applicable.

#### Regulation on drug precursors:

butanone;ethyl methyl ketone is included (Category 3)

#### REACH, Annex XVII:

isopropyl alcohol is subject to REACH restrictions (entry 40).

ethanol;ethyl alcohol is subject to REACH restrictions (entry 40).

butanone;ethyl methyl ketone is subject to REACH restrictions (entry 40).

#### Additional information:

Not applicable.

#### Sources:

Employment of Women Law, 5714 – 1954 as amended by Women's Labor Law (Amendment No. 8), 1998

Prevention of Environmental Nuisances Law 5752-1992

Council Regulation (EC) No 273/2004 on drug precursors.

Israeli Standard SI 2302 Part 1 – Dangerous substances and mixtures: Classification, labelling, marking and packaging.

Israeli Standard SI 2302 Part 2 – Transportation: Classification, labelling, marking and packaging.

### 15.2. Chemical safety assessment

No

## SECTION 16: OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.  
H302, Harmful if swallowed.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H335, May cause respiratory irritation.  
H336, May cause drowsiness or dizziness.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

### Additional information

Not applicable.

### The safety data sheet is validated by

Quality & Compliance

### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.  
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.  
Country-language: IL-en

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for INDIA according to GHS

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

26/05/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

Contact the local emergency services.  
See section 4 "First aid measures".

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

#### 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

**Hazard statement(s):**

Pressurised container: May burst if heated. (H229)

**Precautionary statement(s):**

**General:**

-

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

**Response:**

-

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

**Disposal:**

-

**Hazardous substances:**

Does not contain any substances required to report

**Additional labelling:**

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**General information:**

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation:**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact:**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion:**

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

**Burns:**

Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medics**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

**5.1. Extinguishing media**

Not applicable.

**5.2. Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures**

Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**6.3. Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

**6.4. Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*  
Keep only in original packaging.

*Storage conditions:*  
Dry, cool and well ventilated

*Incompatible materials:*  
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**7.3. Specific end use(s)**

This product should only be used for applications quoted in section 1.2.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

No substances are listed with an occupational exposure limit.

**8.2. Exposure controls**

Apply general control to prevent unnecessary exposure

*General recommendations:*  
Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*  
There are no exposure scenarios implemented for this product.

*Exposure limits:*  
Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:*  
Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*  
In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*  
No specific requirements.

**Individual protection measures, such as personal protective equipment**

*Generally:*  
Use only CE marked protective equipment.

*Respiratory Equipment:*

Type	Class	Colour	Standards	
No special when used as intended.				

*Skin protection:*

According to GHS Rev. 8, 2019

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Eye protection:*

Type	Standards	
No special when used as intended.	-	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Form:*

Liquid

*Colour:*

White

*Odour:*

Of perfume

*Odour threshold (ppm):*

No data available.

*pH:*

ca. 9

*Density (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematic viscosity:*

No data available.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

### Phase changes

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

*Evaporation rate (n-butylacetate = 100):*

#### **Data on fire and explosion hazards**

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Explosion limits (% v/v):*

No data available.

#### **Solubility**

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

#### **9.2. Other information**

No data available.

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

No data available.

#### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **10.3. Possibility of hazardous reactions**

None known.

#### **10.4. Conditions to avoid**

None known.

#### **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

According to GHS Rev. 8, 2019

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>20

---

Product/substance	isopropyl alcohol
Route of exposure:	Oral
Test:	LD50
Result:	5849 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5840 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	12800 mg/kg

---

Product/substance	isopropyl alcohol
Route of exposure:	Inhalation
Test:	LC50
Result:	301002 mg/L

---

Product/substance	2-phenoxyethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1840 mg/kg

---

Product/substance	2-phenoxyethanol
Species:	Rabbit
Route of exposure:	Dermal
Result:	>5000 mg/kg

Based on available data, the classification criteria are not met.

#### **Skin corrosion/irritation**

Product/substance	isopropyl alcohol
Test method:	OECD 404
Species:	Rabbit
Duration:	4 hours

---

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

#### **Serious eye damage/irritation**

Product/substance	isopropyl alcohol
Species:	Rabbit

According to GHS Rev. 8, 2019

Result:	Adverse effect observed (Irritating)
Product/substance	isopropyl alcohol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Product/substance	isopropyl alcohol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Product/substance	isopropyl alcohol
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Product/substance	isopropyl alcohol
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.  
isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Product/substance	isopropyl alcohol
Route of exposure:	Oral

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Long term effects

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Product/substance	isopropyl alcohol
Species:	Fish, Goudwinde (Leuciscus idus)
Duration:	48 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Crustacean, Daphnia magna
Duration:	48 hours

According to GHS Rev. 8, 2019

Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, Scenedesmus subspicatus  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Daphnia magna  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC  
Result: 23 mg/L

Product/substance 2-phenoxyethanol  
Species: Andere waterorganismen  
Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

### 12.3. Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

According to GHS Rev. 8, 2019

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Product is not covered by regulations on dangerous waste.

#### Specific labelling

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

### **Additional information**

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

## **SECTION 15: REGULATORY INFORMATION**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*Additional information:*

Not applicable.

*Sources:*

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

### **15.2. Chemical safety assessment**

No

## **SECTION 16: OTHER INFORMATION**

### **Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

H336, May cause drowsiness or dizziness.

### **The full text of identified uses as mentioned in section 1**

None known.

### **Abbreviations and acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NFPA = National Fire Protection Association  
NIOSH = National Institute for Occupational Safety and Health  
OECD = Organisation for Economic Co-operation and Development  
OSHA = Occupational Safety and Health Administration  
PBT = Persistent, Bioaccumulative and Toxic  
RCRA = Resource Conservation and Recovery Act  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SARA = Superfund Amendments and Reauthorization Act  
SCL = A specific concentration limit.  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TSCA = The Toxic Substances Control Act  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: IN-en

## ÖRYGGISBLAÐ

# i.26 kitchen polish (Alu-Air)

## 1. LIÐUR: AUÐKENNING EFNISINS EÐA BLÖNDUNNAR OG FÉLAGSINS EÐA FYRIRTÆKISINS

### 1.1. Vörukenni

*Viðskiptaheiti:*

i.26 kitchen polish (Alu-Air)

*UFI:*

8YFR-ND5E-MUMG-2XW1

### 1.2. Viðeigandi og tilgreind notkun efnis eða blöndu og notkun sem ráðið er frá

*Viðeigandi og tilgreind notkun á efninu eða blöndunni:*

Þvotta- og hreinsiefni (þar á meðal leysiefni)  
Eingöngu ætlað fagmönnum.

*Notkun sem ráðið er frá:*

Enginn kunnuglegur.

### 1.3. Upplýsingar um birgi öryggisblaðsins

*Fyrirtæki og heimilisfang:*

**Hygeniq B.V.**

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

*Netfang:*

info@hygeniq.com

*Dagsetning öryggisblaðs:*

26.5.2025

*Útgáfa öryggisblaðs:*

1.0

### 1.4. Neyðarsímanúmer

Neyðarlínan: Sími 112.

Eitrunarmiðstöð Landsspítalans. Sími: 543 2222.

Sjá liður 4: Ráðstafanir í skyndihjálpi.

## 2. LIÐUR: HÆTTUGREINING

Flokkað samkvæmt reglugerð (EB) nr. 1272/2008 (CLP).

### 2.1. Flokkun efnisins eða blöndunnar

Aerosol 3; H229, Þrýstihylki: Getur sprungið við upphitun.

### 2.2. Merkingaratriði

*Hættumerki:*

Á ekki við.

**Viðvörðunarorð:**

Varúð

**Hættusetningar:**

Þrýstihylki: Getur sprungið við upphitun. (H229)

**Varnaðarsetningar:**

**Almennt:**

-

**Fyrirbygging:**

Haldið frá hitagjöfum, heitum flötum, neistagjöfum, opnum eldi og öðrum íkveikivöldum. Reykingar bannaðar. (P210)

Ekki má gata eða brenna brúsa jafnvel þótt þeir séu tómir. (P251)

**Viðbrögð:**

-

**Geymsla:**

Hlífið við sólarljósi. Hlífið við hærri hita en 50 °C. (P410+P412)

**Förgun:**

-

**Tilgreining efna sem valda alvarlegum heilsuvandamálum:**

Inniheldur engin efni sem nauðsynlegt er að tilkynna

**Viðbótarmörking:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Innihaldsmörking í samræmi við reglugerð (EB) nr. 648/2004:**

< 5%

- Mínushlaðin, yfirborðsvirk efni
- Ójónuð, yfirborðsvirk efni
- Ílmefni
- Rotvarnarefni (PHENOXYETHANOL)

### 2.3. Aðrar hættur

**Viðbótarviðvaranir:**

Þessi blanda/vara inniheldur ekki nein efni sem ætlað er að standast kröfur sem flokkar þau sem PBT (þrávirk, lífræn eiturefni sem safnast fyrir í lífverum) og/eða vPvB.

Þessi vara inniheldur engin efni sem teljast til innkirtlatruflana í samræmi við viðmiðanirnar sem settar eru fram í framseldri reglugerð framkvæmdastjórnarinnar (ESB) 2017/2100 eða reglugerð framkvæmdastjórnarinnar (ESB) 2023/707.

## 3. LIÐUR: SAMSETNING INNIHALDSEFNA/UPPLÝSINGAR UM INNIHALDSEFNI

### 3.1. Efni

Á ekki við. Þessi vara er blanda.

### 3.2. Blöndur

Vara/innihaldsefnis	Auðkenni	% w/w	Flokkun	Tákn
Isopropylalcohol	CAS-nr.: 67-63-0 EB-nr.: 200-661-7 REACH: Vísitala nr. : 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol, ethyl alcohol	CAS-nr.: 64-17-5 EB-nr.: 200-578-6 REACH: Vísitala nr. : 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

2-phenoxyethanol	CAS-nr.: 122-99-6 EB-nr.: 204-589-7 REACH: 01-2119488943-21 Vísitala nr. : 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	
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Allar hættu-/áhættusetningar er að finna í liður 16. Notkunartakmörk eru tekin fram í liður 8 ef þau eru tiltæk.

## Aðrar upplýsingar

-

## 4. LIÐUR: RÁÐSTAFANIR Í SKYNDIHLJÁL

### 4.1. Lýsing á ráðstöfunum í skyndihjál

#### Almennar upplýsingar:

Ef slys kemur upp: Hafið samband við lækni eða slyshadeild - takið merkið sem er á vörunni eða þetta öryggisblað. Hafið samband við lækni ef vafi er á heilsufari viðkomandi eða ef einkennin stöðvast ekki. Gefið aldrei einstaklingi sem misst hefur meðvitund vatn eða annað álíka.

#### Innöndun:

Öndunarerfiðleikar eða erting í öndunarferum: Komið viðkomandi á svæði þar sem hann/hún getur fengið ferskt loft og verið áfram með viðkomandi.

#### Snerting við húð:

Takið viðkomandi úr fötum og skóm sem komist hafa í snertingu við efnið. Ef efnið hefur komist í snertingu við húðsvæði skal skola þau rækilega með vatni og sápu. Hægt er að nota húðhreinsi. NOTIÐ EKKI leysiefni eða þynni.

#### Snerting við augu:

BERIST EFNID Í AUGU: Skolið augu með vatni (20-30 °C) í a.m.k. 5 mínútur. Fjarlægið augnlinsur. Hringið í lækni.

#### Inntaka:

Gefið viðkomandi nóg að drekka og verið áfram með honum/henni. Ef viðkomandi líður illa skal hringja tafarlaust í lækni og taka þetta öryggisblað með. Látið viðkomandi ekki kasta upp nema lækningin ráðleggi það. Látið höfuðið snúa niður á við til að uppgangurinn fari ekki aftur upp í munn og háls.

#### Brunar:

Á ekki við.

### 4.2. Helstu skaðleg einkenni og áhrif, bæði bráð og tafir

Enginn kunnuglegur.

### 4.3. Upplýsingar um tafarlausu læknisumönnun og sérstaka meðferð sem þörf er á

Meðhöndlið eftir einkennum.

### Upplýsingar fyrir lækna

Takið þetta öryggisblað með eða merkið sem er á vörunni

## 5. LIÐUR: RÁÐSTAFANIR VEGNA SLÖKKVIÐGERÐA

### 5.1. Slökkvibúnaður

Á ekki við.

### 5.2. Sérstakar hættur af völdum efnisins eða blöndunnar

Þrýstihylki. Í eldi eða upphitun mun þrýstingur aukast og ílátið getur sprungið.

Við eldsvoða mun koma þykkur reykur. Váhrif frálífunarefna geta haft skaðleg áhrif á heilsuna. Lokuð ílát sem eru í snertingu við eld skal kæla með vatni. Látið vatn sem notað er til að slökkva eld ekki renna til skolplagna og annarra vatnsfalla.

Ef varan hefur komist í snertingu við háan hita, s.s. eldsvoða, myndast hættuleg frálífunarefni. Um er að ræða:

Kolsýringur (CO / CO<sub>2</sub>)

Sum málmoxíð

### 5.3. Ráðgjöf fyrir slökkviliðsmenn

Nauðsynlegt er að nota öndunarbúnað með loftbirgðum og hlífðarföt til að koma í veg fyrir snertingu.

## 6. LIÐUR: RÁÐSTAFANIR EF EFNI FER ÓVART TIL SPILLIS EÐA ER LOSAÐ FYRIR SLYSNI

### 6.1. Öryggisráðstafanir fyrir fólk, hlífðarbúnaður og neyðarráðstafanir

Tryggið næga loftræstingu, sérstaklega á lokuðum svæðum.  
Menguð svæði geta verið hál.

### 6.2. Varúðarráðstafanir vegna umhverfisins

Forðist að farga í nánd við stöðuvötn, ár, skolplagnir o.s.frv.  
Haldið óviðkomandi aðilum frá lekanum

### 6.3. Aðferðir og efni til afmörkunar og hreinsunar

Taka af og safna saman leka með óbrennanlegu, ísogandi efni t.d. sandi, jörð, vermíkúlít eða kísilgúr og setja í ílát til förgunar í samræmi við staðbundnar reglur.  
Svo lengi sem það er hægt skal nota hefðbundin hreinsiefni við þvott. Forðast skal leysiefni.

### 6.4. Tilvísun í aðra liði

Sjá liður 13 um "Förgun" til að fá upplýsingar um meðhöndlun úrgangs.  
Sjá liður 8 um "Váhrifavarnir/persónuhlífar" til að fá upplýsingar um varnaraðgerðir.

## 7. LIÐUR: MEÐHÖNDLUN OG GEYMSLA

### 7.1. Varúðarráðstafanir um örugga meðhöndlun

Ekki má gata eða brenna brúsa jafnvel þótt þeir séu tómir.  
Reykingar, neysla matar eða drykkjar og geymsla tóbaks, matar eða drykkjar er óheimil í vinnustofum.  
Sjá liður 8 um "Váhrifavarnir/persónuhlífar" til að fá upplýsingar um persónuvernd.

### 7.2. Örugg geymsluskilyrði, þ.m.t. vegna mögulegs ósamrýmanleika

Geymið í vel lokuðum ílátum og verjið fyrir raka og ljósi. Ílátin skulu vera dagsett við opnun og prófuð reglulega fyrir tilvist peroxíða. Ekki má fara fram úr tímamörkum um geymslutíma.  
Ílátum sem hafa verið opnuð verður að loka vel aftur og þau skal geyma upprétt til að koma í veg fyrir leka.

#### Ráðlagt geymsluefni:

Geymið eingöngu í upprunalegum umbúðum.

#### Geymsluskilyrði:

Þurr, svalur og vel loftræstur staður

#### Ósamrýmanleg efni:

Sterkar sýrur, sterkir basar, sterk eldmyndandi efni og sterk frálífunarefni.

### 7.3. Sértek, endanleg notkun

Þessa vöru má einungis nota í þeim tilgangi sem tekinn er fram í liður 1.2.

## 8. LIÐUR: VÁHRIFAVARNIR/PERSÓNUHLÍFAR

### 8.1. Viðmiðunarmörk fyrir váhrif

Aluminium oxide  
Mengunarmörk (8 tíma) (mg/m<sup>3</sup>): 10 (sem Al)

Isopropylalcohol  
Mengunarmörk (8 tíma) (mg/m<sup>3</sup>): 490  
Mengunarmörk (8 tíma) (ppm): 200  
Athugasemdir:

H = Efnið getur auðveldlega boristinn í líkamann gegnum húð.

Ethanol, ethyl alcohol  
Mengunarmörk (8 tíma) (mg/m<sup>3</sup>): 1900  
Mengunarmörk (8 tíma) (ppm): 1000

Reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum (390/2009)  
Reglugerð um breytingu á reglugerð um mengunarmörk og aðgerðir til að draga úr mengun á vinnustöðum, nr. 390/2009 (631/2021).

## DNEL

### 2-phenoxyethanol

Tímalengd:	Váhrifaleið:	DNEL:
Langtíma - Kerfisbundin áhrif	Innöndun	2,41 mg/m <sup>3</sup>
Langtíma - Kerfisbundin áhrif - Verkamenn	Innöndun	5,7 mg/m <sup>3</sup>
Langtíma - Kerfisbundin áhrif - Verkamenn	Innöndun	8,07 mg/m <sup>3</sup>
Langtíma - Staðbundin áhrif - Verkamenn	Innöndun	5,7 mg/m <sup>3</sup>
Langtíma	Inntaka	9,23 mg/kg
Langtíma - Kerfisbundin áhrif	Snerting við húð	10,42 mg/kg
Langtíma - Kerfisbundin áhrif - Almennigur	Snerting við húð	20,83 mg/kg
Langtíma - Kerfisbundin áhrif - Verkamenn	Snerting við húð	34,72 mg/kg bw/day

### Ethanol, ethyl alcohol

Tímalengd:	Váhrifaleið:	DNEL:
Langtíma - Kerfisbundin áhrif - Almennigur	Innöndun	114 mg/m <sup>3</sup>
Langtíma - Kerfisbundin áhrif - Verkamenn	Innöndun	380 mg/m <sup>3</sup>
Skammtíma - Staðbundin áhrif - Almennigur	Innöndun	950 mg/m <sup>3</sup>
Skammtíma - Staðbundin áhrif - Verkamenn	Innöndun	1900 mg/m <sup>3</sup>
Langtíma - Kerfisbundin áhrif - Almennigur	Inntaka	87 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Almennigur	Snerting við húð	206 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Verkamenn	Snerting við húð	343 mg/kg bw/day

### Isopropylalcohol

Tímalengd:	Váhrifaleið:	DNEL:
Langtíma - Kerfisbundin áhrif - Almennigur	Innöndun	89 mg/m <sup>3</sup>
Langtíma - Kerfisbundin áhrif - Almennigur	Innöndun	89 mg/m <sup>3</sup>
Langtíma - Kerfisbundin áhrif - Verkamenn	Innöndun	500 mg/m <sup>3</sup>
Langtíma - Kerfisbundin áhrif - Almennigur	Inntaka	26 mg/kg
Langtíma - Kerfisbundin áhrif - Almennigur	Snerting við húð	319 mg/kg
Langtíma - Kerfisbundin áhrif - Verkamenn	Snerting við húð	888 mg/m <sup>3</sup>

## PNEC

### 2-phenoxyethanol

Váhrifaleið:	Tímalengd notkunar:	PNEC:
Botnfall í ferskvatni		7,2366 mg/kg
Botnfall í sjó		0,7237 mg/kg
Ferskvatn		0,943 mg/L
Jarðvegur		1,26 mg/kg
Sjór		0,0943 mg/L
Skólpvinnslustöð		24,8 mg/L
Skólpvinnslustöð	Einstakt	36 mg/L

### Ethanol, ethyl alcohol

Váhrifaleið:	Tímalengd notkunar:	PNEC:
Botnfall í ferskvatni		3.6 mg/kg
Botnfall í sjó		2.9 mg/kg
Ferskvatn		960 µg/L
Jarðvegur		630 µg/kg
Ósamfelld slepping (ferskvatn)		2.75 mg/L
Rándýr		380-720 mg/kg
Sjór		790 µg/L
Skólpvinnslustöð		580 mg/L

#### Isopropylalcohol

Váhrifaleið:	Tímalengd notkunar:	PNEC:
Botnfall í ferskvatni		552 mg/kg
Botnfall í sjó		552 mg/kg
Ferskvatn		140,9 mg/L
Jarðvegur		28 mg/kg
Ósamfelld slepping		140,9 mg/L
Sjór		140,9 mg/L
Skólpvinnslustöð		2251 mg/L

## 8.2. Takmörkun váhrifa

Athuga skal reglulega samræmi við takmarkanir um snertingu við efnið.

#### Almennar ráðleggingar:

Reykingar, neysla matar eða drykkjar og geymsla tóbaks, matar eða drykkjar er óheimil í vinnustofum.

#### Upplýsingar um váhrif:

Ekki eru til neinar sviðsmyndir af váhrifum af þessu efni.

#### Váhrifamörk:

Notendur efnisins eru verndaðir af atvinnulöggjöf um hámarksstyrk efnisins. Sjá takmörk með tilliti til hollustumála starfsmanna hér að ofan.

#### Viðeigandi tæknilegar aðgerðir:

Myndun gufu verður vera haldið í lágmarki og fyrir neðan núverandi gildi takmarkanna (sjá að ofan). Mælt er með uppsetningu á staðbundnu útblásturskerfi ef vanalegt loftflæði í vinnuherberginu er ekki nægt. Tryggja skal að neyðarskolun augna og neyðarsturtur séu vandlega merktar.

Viðhafið hefðbundnar varúðarráðstafanir við notkun vörunnar. Forðist innöndun gufa.

#### Aðgerðir í hollustumálum:

Þegar hlé er tekið eftir að efnið hefur verið notað og þegar notkun þess er lokið skal þvo alla líkamshluta sem komist hafa í snertingu við efnið. Gætið sérstaklega að höndum, framhandleggjum og andliti.

#### Aðgerðir til að forðast að efnið komist í umhverfið:

Engar sérstakar kröfur.

## Einstaklingsvarnir, s.s. Hlífðarbúnaður

#### Almennt:

Notið einungis hlífðarbúnað með CE merkingu.

#### Öndunarbúnaður:

Gerð	Flokkur	Litur	Evrópustaðal	
Ekkert sem taka þarf sérstaklega fram við hefðbundna tilætlaða notkun.				

#### Húðhlífar:

Ráðlagt	Gerð/Flokkur	Evrópustaðal	
Ekkert sem taka þarf sérstaklega fram við hefðbundna tilætlaða notkun	-	-	

*Handhlífar:*

Vinnuaðstaða	Ráðlagt	þykkt (mm)	Gegnumbrots-tími (mín.)	Evrópustaðal	
	Ekkert sem taka þarf sérstaklega fram við hefðbundna tilætlaða notkun	-	-	-	
Við langvinn váhrif eða mikinn styrk	Bómull / Nítrílgúmmí	-	> 240	EN374-2, EN16523-1, EN388	

*Augnhlífar:*

Gerð	Evrópustaðal	
Ekkert sem taka þarf sérstaklega fram við hefðbundna tilætlaða notkun.	-	

## 9. LIÐUR: EÐLIS- OG EFNAFRÆÐILEGIR EIGINLEIKAR

### 9.1. Upplýsingar um eðlis- og efnafræðilega grunneiginleika

*Form (fasi):*

Vökvi

*Litur:*

Hvít

*Lykt / Lykt þröskuld (ppm):*

Af ilmvatni

*pH:*

ca. 9

*Eðlismassi (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Kinematic seigja:*

Engin gögn tiltæk.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Agnæinkenni:*

Á ekki við um vökva.

#### Fasabreytingar

*Bræðslumark/Frystmark (°C):*

Engin gögn tiltæk.

*Mýktarmark/-svið (°C):*

Á ekki við um vökva.

*Suðumark (°C):*

Engin gögn tiltæk.

*Gufuþrýstingur:*

Engin gögn tiltæk.

*Hlutfallsleg gufubéttleiki:*

Engin gögn tiltæk.

*Niðurbrotshitastig (°C):*

Engin gögn tiltæk.

#### **Gögn um eld- og sprengihættu**

*Kveikjumark (°C):*

Engin gögn tiltæk.

*Kveiking (°C):*

Engin gögn tiltæk.

*Sjálfsíkveikjuhitastig (°C):*

Engin gögn tiltæk.

*Sprengimörk (% v/v):*

Engin gögn tiltæk.

#### **Uppleysanleiki**

*Uppleysanleiki í vatni:*

Engin gögn tiltæk.

*n-oktanól/vatnsstuðull (LogKow):*

Engin gögn tiltæk.

*Uppleysanleiki í fitu (g/L):*

Engin gögn tiltæk.

#### **9.2. Aðrar upplýsingar**

*Aðrar eðlisfræðilegar og efnafræðilegar breytur:*

Engin gögn tiltæk.

*Oxunareiginleikar:*

Engin gögn tiltæk.

## **10. LIÐUR: STÖÐUGLEIKI OG HVARFGIRNI**

#### **10.1. Hvarfgirni**

Engin gögn tiltæk.

#### **10.2. Efnafræðilegur stöðugleiki**

Varan er stöðug við þær aðstæður sem lýst í liður 7 um "Meðhöndlun og geymsla".

#### **10.3. Möguleiki á hættulegu efnahvarfi**

Enginn kunnuglegur.

#### **10.4. Skilyrði sem ber að varast**

Enginn kunnuglegur.

#### **10.5. Ósamrýmanleg efni**

Sterkar sýrur, sterkir basar, sterk eldmyndandi efni og sterk frálfunarefni.

#### **10.6. Hættuleg niðurbrotsefni**

Hættuleg niðurbrotsefni ættu ekki að myndast við eðlileg geymslu- og notkunarskilyrði.

## **11. LIÐUR: EITUREFNAFRÆÐILEGAR UPPLÝSINGAR**

#### **11.1. Upplýsingar um eiturefnafræðileg áhrif**

##### **Bráð eiturhrif**

Vara/innihaldsefnis	Aluminium oxide
Tegund:	Rotta
Váhrifaleið:	Innöndun
Próf:	LC50

Í samræmi við reglugerð (EB) nr. 2020/878

Niðurstaða: > 5 mg/L

Vara/innihaldsefnis Tegund: Aluminium oxide  
Rotta  
Váhrifaleið: Inntaka  
Niðurstaða: > 5000 mg/kg

Vara/innihaldsefnis Tegund: Isopropylalcohol  
Rotta  
Váhrifaleið: Inntaka  
Próf: LD50  
Niðurstaða: >2000 mg/kg

Vara/innihaldsefnis Tegund: Isopropylalcohol  
Kanína  
Váhrifaleið: Snerting við húð  
Próf: LD50  
Niðurstaða: >2000 mg/kg

Vara/innihaldsefnis Tegund: Isopropylalcohol  
Rotta  
Váhrifaleið: Innöndun  
Próf: LC50  
Niðurstaða: >20

Vara/innihaldsefnis Váhrifaleið: Isopropylalcohol  
Inntaka  
Próf: LD50  
Niðurstaða: 5849 mg/kg

Vara/innihaldsefnis Tegund: Isopropylalcohol  
Rotta  
Váhrifaleið: Inntaka  
Próf: LD50  
Niðurstaða: 5840 mg/kg

Vara/innihaldsefnis Tegund: Isopropylalcohol  
Kanína  
Váhrifaleið: Snerting við húð  
Próf: LD50  
Niðurstaða: 12800 mg/kg

Vara/innihaldsefnis Váhrifaleið: Isopropylalcohol  
Innöndun  
Próf: LC50  
Niðurstaða: 301002 mg/L

Vara/innihaldsefnis Tegund: 2-phenoxyethanol  
Rotta  
Váhrifaleið: Inntaka  
Próf: LD50  
Niðurstaða: 1840 mg/kg

Vara/innihaldsefnis Tegund: 2-phenoxyethanol  
Kanína  
Váhrifaleið: Snerting við húð  
Niðurstaða: >5000 mg/kg

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

### Húðæting/húðerting

Í samræmi við reglugerð (EB) nr. 2020/878

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Vara/innihaldsefnis	Isopropylalcohol
Prófunaraðferð:	OECD 404
Tegund:	Kanína
Tímalengd:	4 hours

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Vara/innihaldsefnis	2-phenoxyethanol
Niðurstaða:	Vart varð við aukaverkanir (Tærandi)

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

#### Alvarlegur augnskaði/augnerting

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Vara/innihaldsefnis	Aluminium oxide
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Vara/innihaldsefnis	Isopropylalcohol
Tegund:	Kanína
Niðurstaða:	Vart varð við aukaverkanir (Ertandi)

---

Vara/innihaldsefnis	Isopropylalcohol
Prófunaraðferð:	OECD 405
Tegund:	Kanína
Niðurstaða:	Vart varð við aukaverkanir (Veldur alvarlegum augnskaða)

---

Vara/innihaldsefnis	2-phenoxyethanol
Niðurstaða:	Vart varð við aukaverkanir (Veldur alvarlegum augnskaða)

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

#### Næming öndunarfæra

Vara/innihaldsefnis	Isopropylalcohol
Prófunaraðferð:	OECD 406
Tegund:	Hamstur
Niðurstaða:	Ekki vart við neinar aukaverkanir (ekki næmandi)

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

#### Húðnæming

Vara/innihaldsefnis	Isopropylalcohol
Tegund:	Hamstur
Niðurstaða:	Ekki vart við neinar aukaverkanir (ekki næmandi)

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

#### Stökkbreytandi áhrif á kímfrumur

Vara/innihaldsefnis	Isopropylalcohol
Niðurstaða:	Ekki vart við neinar aukaverkanir

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

#### Krabbameinsvaldandi áhrif

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

#### Eiturhrif á æxlun

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

#### Sértæk eiturhrif á marklíffæri – váhrif í eitt skipti

Vara/innihaldsefnis	Isopropylalcohol
Váhrifaleið:	Inntaka

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

#### Sértæk eiturhrif á marklíffæri – endurtekin váhrif

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

#### Ásvelgingarhætta

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

### 11.2. Upplýsingar um aðrar hættur

#### Langvarandi áhrif

Enginn kunnuglegur.

### Innkirtlatruflandi eiginleikar

Þessi blanda/vara inniheldur engin efni sem talin eru hafa hormónatruflandi eiginleika í tengslum við heilsu.

### Aðrar upplýsingar

Isopropylalcohol: IARC skilgreinir efnið í flokk 3.

## 12. LIÐUR: VISTFRÆÐILEGAR UPPLÝSINGAR

### 12.1. Visteiturhrif

Vara/innihaldsefnis: Isopropylalcohol  
Tegund: Fiskur, Goudwinde (*Leuciscus idus*)  
Tímalengd: 48 klst.  
Próf: LC50  
Niðurstaða: >100 mg/L

Vara/innihaldsefnis: Isopropylalcohol  
Tegund: Krabbadýr, *Daphnia magna*  
Tímalengd: 48 klst.  
Próf: EC50  
Niðurstaða: >100 mg/L

Vara/innihaldsefnis: Isopropylalcohol  
Tegund: Þörungur, *Scenedesmus subspicatus*  
Tímalengd: 72 klst.  
Próf: EC50  
Niðurstaða: >100 mg/L

Vara/innihaldsefnis: 2-phenoxyethanol  
Tegund: Fiskur  
Tímalengd: 96 klst.  
Próf: LC50  
Niðurstaða: >100 mg/L

Vara/innihaldsefnis: 2-phenoxyethanol  
Tegund: Þörungur  
Tímalengd: 72 klst.  
Próf: ErC50  
Niðurstaða: >100 mg/L

Vara/innihaldsefnis: 2-phenoxyethanol  
Tegund: *Daphnia magna*  
Tímalengd: 48 klst.  
Próf: EC50  
Niðurstaða: >100 mg/L

Vara/innihaldsefnis: 2-phenoxyethanol  
Tegund: Fiskur  
Próf: NOEC  
Niðurstaða: 23 mg/L

Vara/innihaldsefnis: 2-phenoxyethanol  
Tegund: Andre waterorganismen  
Tímalengd: 30 minutes  
Próf: EC50  
Niðurstaða: >1000 mg/L

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

### 12.2. Þrávirkni og niðurbjótanleiki

Vara/innihaldsefnis: Isopropylalcohol  
Niðurstaða: 95%

Í samræmi við reglugerð (EB) nr. 2020/878

Niðurstaða: Auðlíffrjótanlegt  
Próf: OECD 301 E

Vara/innihaldsefnis 2-phenoxyethanol  
Niðurstaða: >70  
Niðurstaða: Auðlíffrjótanlegt  
Próf: OECD 301 A

### 12.3. Uppsöfnun í lífverum

Vara/innihaldsefnis Isopropylalcohol  
BCF: <100  
LogKow: <3  
Niðurstaða: -

Vara/innihaldsefnis 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Niðurstaða: -

### 12.4. Hreyfanleiki í jarðvegi

Engin gögn tiltæk.

### 12.5. Niðurstöður úr mati á PBT- og vPvB-eiginleikum.

Þessi blanda/vara inniheldur ekki nein efni sem ætlað er að standast kröfur sem flokkar þau sem PBT (þrávirk, lífræn eiturefni sem safnast fyrir í lífverum) og/eða vPvB.

### 12.6. Innkirtlatruflandi eiginleikar

Þessi blanda/vara inniheldur engin efni sem talin eru hafa innkirtlatruflandi eiginleika í tengslum við umhverfið.

### 12.7. Önnur skaðleg áhrif

Enginn kunnuglegur.

## 13. LIÐUR: FÖRGUN

### 13.1. Aðferðir við meðhöndlun úrgangs

Reglugerð nr. 1040/2016 um skrá yfir úrgang og mat á hættulegum eiginleikum úrgangs, með síðari breytingum. Reglugerð framkvæmdastjórnarinnar (ESB) nr. 1357/2014 frá 18. desember 2014 um úrgang.

*EWC-kóði:*

20 01 30 önnur en tilgreind eru í 20 01 29 hreinsiefni

### Samsettar umbúðir

Umbúðir sem innihalda leifar af efninu skal farga á sama hátt og vörunni á að farga.

## 14. LIÐUR: UPPLÝSINGAR UM FLUTNINGA

	14.1 UN	14.2 Nafn/lýsing	14.3 Flokkur	14.4 PG*	14.5. Env**	Aðrar upplýsingar:
ADR	1950	AEROSOLS	Flokkur: 2 Nr. Varúðarmerkis: 2.2 Flokkunarkóði: 5A	-	Nei	Takmarkað magn: 1 L Jarðganga- kóði: 3 (E) Sjá hér að neðan til að fá frekari upplýsingar.
IMDG	1950	AEROSOLS	Flokkur: 2	-	Nei	Takmarkað

	14.1 UN	14.2 Nafn/lýsing	14.3 Flokkur	14.4 PG*	14.5. Env**	Aðrar upplýsingar:
			Nr. Varúðarmerkis: 2.2 Flokkunarkóði: 5A			magn: 1 L EmS: F-D S-U Sjá hér að neðan til að fá frekari upplýsingar.
IATA	1950	AEROSOLS	Flokkur: 2 Nr. Varúðarmerkis: 2.2 Flokkunarkóði: 5A	-	Nei	Sjá hér að neðan til að fá frekari upplýsingar.

\* Pökkunarflokkur

\*\* Umhverfishættur

#### Viðbótarupplýsingar

Um þessa vöru gilda tilskipanir varðandi hættuleg efni.

ADR / Sjá töflu A, kafla 3.2.1 til að fá upplýsingar um sérstök ákvæði, kröfur eða viðvaranir sem tengjast flutningum.

Sjá kafla 5.4.3 til að fá leiðbeiningar um ritun mildun skemmda sem tengjast atvikum eða slysa við flutning.

IMGD / Sjá kafla 3.2.1 til að fá upplýsingar um sérstök ákvæði, kröfur eða viðvaranir sem tengjast flutningum.

IATA / Sjá töflu 4.2 til að fá upplýsingar um sérstök ákvæði, kröfur eða viðvaranir sem tengjast flutningum.

#### 14.6. Sérstakar varúðarráðstafanir fyrir notanda

Á ekki við.

#### 14.7. Flutningar búlkafarms skv. II. viðauka við MARPOL-samninginn og IBC-kóðanum.

Engin gögn tiltæk.

## 15. LIÐUR: UPPLÝSINGAR VARÐANDI REGLUVERK

### 15.1. Sértæk ákvæði/löggjöf fyrir efnið eða blönduna vegna öryggis, heilbrigðis og umhverfis

*Takmarkanir á notkun:*

Eingöngu ætlað fagmönnum.

*Beiðnir um sérstaka þjálfun:*

Engar sérstakar kröfur.

*SEVESO:*

Á ekki við.

*REACH, Viðauki XVII:*

Isopropylalcohol heyrir undir REACH-takmarkanir (Færsla nr. 40).

Ethanol, ethyl alcohol heyrir undir REACH-takmarkanir (Færsla nr. 40).

*Innihaldsmerking í samræmi við reglugerð (EB) nr. 648/2004:*

< 5%

· Mínushlaðin, yfirborðsvirk efni

· Ójónuð, yfirborðsvirk efni

· Ilmefni

· Rotvarnarefni (PHENOXYETHANOL)

*Viðbótarupplýsingar:*

Á ekki við.

*Heimildir:*

Reglugerð um ráðstafanir til þess að auka öryggi og heilbrigði á vinnustöðum fyrir konur sem eru þungaðar, hafa nýlega alið barn eða hafa barn á brjósti (931/2000), breytt með 453/2016 Reglugerð.

Reglugerð Evrópuþingsins og Ráðsins (EB) nr. 648/2004 frá 31. mars 2004 um votta- og hreinsiefni.

Reglugerð framkvæmdastjórnarinnar (ESB) nr. 1357/2014 frá 18. desember 2014 um úrgang.

Reglugerð (EB) nr. 1272/2008 (CLP) um flokkun, merkingu og umbúðir efna og blanda (með áorðnum breytingum).

Reglugerð framkvæmdastjórnarinnar (ESB) nr. 1907/2006 (REACH).

## 15.2. Efnaöryggismat

Nei

## 16. LIÐUR: AÐRAR UPPLÝSINGAR

### Allar hættu-/áhættusetningar er að finna í liður 3

- H225, Mjög eldfimur vökvi og gufa.
- H302, Hættulegt við inntöku.
- H318, Veldur alvarlegum augnskaða.
- H319, Veldur alvarlegri augnertingu.
- H335, Getur valdið ertingu í öndunarferum.
- H336, Getur valdið sljóleika eða svima.

### Skammstafanir og upphafsstafir

- ADR = Evrópusamningnum um millilandaflutninga á hættulegum farmi á vegum
- ATE = Matsgildi bráðra eiturrifa
- CAS = Efnafræðileg ágrípsþjónustan
- CE = Conformité Européenne
- CLP = Reglugerð um flokkun, merkingu og pökkun efna og blandna [Reglugerð (EB) nr. 1272/2008]
- CLP-H setning = Hættusetning sem á við um flokkun, merkingu og umbúðir efna og efnablandna (CLPreglugerð)
- DNEL = Afleidd áhrifaleysismörk
- EC50 = Styrkur í tengslum við 50% svörun
- EuPCS = Evrópsk vöruflokkunarkerfi
- EWC = Evrópsk skrá yfir úrgang
- GWP = Hnatræn hlýnunarmöguleiki
- IATA = Alþjóðasamtök flugflutninga
- IMGA = Alþjóðlegur hættulegur varningur til sjós
- IMO = Alþjóðasiglingamálastofnunin
- LC50 = Miðgildisbanastyrkur
- LD50 = 50% drápskammtur
- OECD = Efnahags- og framfarastofnun Evrópu
- PBT = Efni sem eru þrávirk, safnast upp í lífverum og eru eitruð
- PNEC = styrkur þar sem engin áhrif eru fyrirsjáanleg
- RRN = REACH-skráningarnúmer
- RID = Reglugerðin varðandi alþjóðlegan flutning hættulegs vöru með járnbrautum
- RRN = REACH skráningarnúmer
- SCL = Um gilda sérstök mörk um styrk.
- UVCB = Óþekkt eða breytileg samsetning, flókin hvarfefni eða líffræðilegra efna
- vPvB = Efni sem eru mjög þrávirk og safnast upp í lífverum í miklum mæli

### Viðbótarupplýsingar

Á ekki við.

### Öryggisblaðið er vottað af

Quality & Compliance

### Annað

Breytingar (í samræmi við síðustu meginbreytingu (fyrsti tölustafurinn í SDS-útgáfunni)) eru merktar með þríhyrningi. Upplýsingarnar sem er að finna á þessu öryggisblaði eiga einungis við þessa tilteknu vöru (tekið fram í liður 1) og á ekki endilega við notkun annarra efna/vara. Ráðlagt er að láta núverandi notanda vörunnar fá þetta öryggisblað. Upplýsingarnar sem er að finna á þessu öryggisblaði er ekki hægt að nota sem vörulýsingu. Land-tungumál: IS-IS

## SCHEDA DI DATI DI SICUREZZA

# i.26 kitchen polish (Alu-Air)

### SEZIONE 1: IDENTIFICAZIONE DELLA SOSTANZA/MISCELA E DELLA SOCIETÀ/IMPRESA

#### 1.1. Identificatore del prodotto

*Nome commerciale:*

i.26 kitchen polish (Alu-Air)

*Identificatore unico di formula (UFI):*

8YFR-ND5E-MUMG-2XW1

#### 1.2. Usi identificati pertinenti della sostanza o della miscela e usi sconsigliati

*Usi pertinenti identificati della sostanza o miscela:*

Detergenti e detergenti (anche a base di solventi)  
Uso ristretto agli utilizzatori professionali.

*Usi sconsigliati :*

Non noto.

#### 1.3. Informazioni sul fornitore della scheda di dati di sicurezza

*Nome e indirizzo azienda:*

**Hygeniq B.V.**

Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*Indirizzo email:*

info@hygeniq.com

*Revisione:*

26/05/2025

*Versione SDS:*

1.0

#### 1.4. Numero telefonico di emergenza

Centri AntiVeleni (CAV) attivi 24 ore al giorno:

Bergamo: Az. Osp. Papa Giovanni XXII. Piazza OMS, 1, 24127. Telefono: 800.88.33.00

Firenze: Az. Osp. "Careggi" U.O. Tossicologia Medica. Largo Brambilla, 3, 50134. Telefono: 055.794.7819

Foggia: Az. Osp. Univ. Foggia. V.le Luigi Pinto, 1, 71122. Telefono: 800.183.459

Milano: Osp. Niguarda Ca' Granda. Piazza Ospedale Maggiore, 3, 20162. Telefono: 02.66.1010.29

Napoli: Az. Osp. "A. Cardarelli". Via A. Cardarelli, 9, 80131. Telefono: 081.545.3333

Pavia: Centro Nazionale di Informazione Tossicologica. Via Salvatore Maugeri, 10, 27100. Telefono: 0382.24.444

Roma: "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA. Piazza Sant'Onofrio, 4, 00165. Telefono: 06.6859.3726

Roma: Policlinico "A. Gemelli". Largo Agostino Gemelli, 8, 168. Telefono: 06-3054343

Roma: Policlinico "Umberto I". V.le del Policlinico, 155, 161. Telefono: 06.4997.8000

Verona: Az. Osp. Integrata Verona. Piazzale Aristide Stefani, 1, 37126. Telefono: 800.011.858

Vedere la sezione 4 sulle misure di primo soccorso.

## SEZIONE 2: IDENTIFICAZIONE DEI PERICOLI

Classificato in base al regolamento (EC) n. 1272/2008 (CLP).

### 2.1. Classificazione della sostanza o della miscela

Aerosol 3; H229, Contenitore pressurizzato: può esplodere se riscaldato.

### 2.2. Elementi dell'etichetta

*Pittogrammi di pericolo:*

Non applicabile.

*Avvertenza:*

Attenzione

*Indicazioni di pericolo:*

Contenitore pressurizzato: può esplodere se riscaldato. (H229)

*Consigli di prudenza:*

*Generale:*

-

*Prevenzione:*

Tenere lontano da fonti di calore, superfici calde, scintille, fiamme libere o altre fonti di accensione. Non fumare. (P210)

Non perforare né bruciare, neppure dopo l'uso. (P251)

*Reazione:*

-

*Conservazione:*

Proteggere dai raggi solari. Non esporre a temperature superiori a 50 °C/122°F. (P410+P412)

*Smaltimento:*

-

*Contenuto:*

Non contiene sostanze Soggette all'obbligo di notifica

*Altre etichette:*

UFI: 8YFR-ND5E-MUMG-2XW1

*Etichettatura dei contenuti conforme al Regolamento sui detersivi 648/2004:*

< 5%

- Tensioattivi anionici
- Tensioattivi Non ionici
- Profumi
- Conservanti (PHENOXYETHANOL)

### 2.3. Altri pericoli

*Altro:*

Questa miscela/prodotto non contiene sostanze che soddisfano i criteri di classificazione PBT e/o vPvB.

Questo prodotto non contiene sostanze considerate interferenti endocrini conformemente ai criteri stabiliti nel regolamento delegato (UE) 2017/2100 della Commissione o nel regolamento (UE) 2023/707 della Commissione.

## SEZIONE 3: COMPOSIZIONE/INFORMAZIONI SUGLI INGREDIENTI

### 3.1. Sostanze

Non applicabile. Questo prodotto è una miscela.

### 3.2. Miscele

Prodotto/ingrediente	Identificatori	% w/w	Classificazione	Not.
----------------------	----------------	-------	-----------------	------

alcool isopropilico	n. CAS: 67-63-0 n. CE: 200-661-7 REACH: n. indice: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
etanolo;alcool etilico	n. CAS: 64-17-5 n. CE: 200-578-6 REACH: n. indice: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenossietanolo;fenil glicol	n. CAS: 122-99-6 n. CE: 204-589-7 REACH: 01-2119488943-21 n. indice: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

Il testo completo delle frasi H è riportato alla sezione 16. I valori limite per l'igiene del lavoro sono riportati alla sezione 8, se disponibili.

#### Altre informazioni

-

## SEZIONE 4: MISURE DI PRIMO SOCCORSO

### 4.1. Descrizione delle misure di primo soccorso

#### Generalità:

In caso di incidenti: consultare il medico oppure un ospedale. Portare con sé l'etichetta oppure questa scheda di sicurezza. Il medico potrà rivolgersi alla clinica di medicina ambientale e del lavoro.

In caso di sintomi importanti o in caso di dubbio sulle condizioni di salute, consultare un medico. Non somministrare mai a una persona incosciente acqua o liquidi.

#### Inalazione:

Nel caso di difficoltà respiratorie o irritazione dell'apparato respiratorio: Portare l'infortunato all'aria fresca e tenerlo sotto controllo.

#### Contatto con la pelle:

Rimuovere indumenti e scarpe contaminati. Risciacquare abbondantemente la cute entrata in contatto con il materiale con acqua e sapone. È consentito usare detergente, ma non solventi o diluenti.

#### Contatto con gli occhi:

In caso de contatto con gli occhi: Risciacquare abbondantemente con acqua (20 - 30 °C) per almeno 5 minuti. Rimuovere eventuali lenti a contatto. Consultare un medico.

#### Ingestione:

Se la persona è cosciente, risciacquare la bocca con acqua e rimanere con lei. In caso di malessere contattare immediatamente un medico e consegnargli la presente scheda di sicurezza oppure l'etichetta del prodotto. Non provocare il vomito, a meno che non venga raccomandato dal medico. Abbassare la testa per evitare la risalita di particelle di vomito nella bocca e nella gola.

#### Combustione:

Non applicabile.

### 4.2. Principali sintomi ed effetti, sia acuti che ritardati

Non noto.

### 4.3. Indicazione dell'eventuale necessità di consultare immediatamente un medico e di trattamenti speciali

Trattare sintomaticamente.

#### Nota per il medico

Portare con sé la presente scheda di sicurezza oppure l'etichetta del materiale.

## SEZIONE 5: MISURE DI LOTTA ANTINCENDIO

### 5.1. Mezzi di estinzione

Non applicabile.

### 5.2. Pericoli speciali derivanti dalla sostanza o dalla miscela

Contenitore pressurizzato. In caso di incendio o riscaldamento, si verificherà un aumento di pressione e il contenitore potrebbe scoppiare.

In caso d'incendio si sviluppa un fumo denso. L'esposizione ai prodotti di degradazione può rappresentare un pericolo per la salute. I contenitori chiusi esposti al fuoco possono essere spenti con acqua. Non versare l'acqua proveniente dagli idranti negli scarichi e nelle fogne.

Se il prodotto viene esposto a temperature elevate, ad es. in caso d'incendio, può dare origine a prodotti di degradazione pericolosi. Essi sono:

Ossidi di carbonio (CO / CO<sub>2</sub>)

Alcuni ossidi di metallo

### 5.3. Raccomandazioni per gli addetti all'estinzione degli incendi

Normali abiti da lavoro e respiratori completi. In caso di contatto diretto con le sostanze chimiche, contattare il centro antiveleni per ulteriori consigli.

## SEZIONE 6: MISURE IN CASO DI RILASCIO ACCIDENTALE

### 6.1. Precauzioni personali, dispositivi di protezione e procedure in caso di emergenza

Le aree contaminate possono essere scivolose.

### 6.2. Precauzioni ambientali

Non scaricare il prodotto in laghi, fiumi, scarichi ecc.

Tenere le persone non autorizzate lontane dalla fuoriuscita

### 6.3. Metodi e materiali per il contenimento e per la bonifica

Contenere e raccogliere i versamenti con materiale non combustibile, assorbente, ad es. sabbia, terra diatomacea e riporre nel contenitore per lo smaltimento ai sensi dei regolamenti locali.

La pulizia viene eseguita per quanto possibile con detersivi. Evitare l'uso di solventi.

### 6.4. Riferimento ad altre sezioni

Vedere la sezione 13 "Considerazioni sullo smaltimento" sulla gestione dei rifiuti.

Vedere la sezione 8 "Controlli dell'esposizione/protezione individuale" per l'attrezzatura di protezione.

## SEZIONE 7: MANIPOLAZIONE E IMMAGAZZINAMENTO

### 7.1. Precauzioni per la manipolazione sicura

Non perforare né bruciare, neppure dopo l'uso.

Non fumare, mangiare né bere nei locali.

Vedere la sezione "Controllo dell'esposizione/protezione individuale" per l'attrezzatura di protezione.

### 7.2. Condizioni per lo stoccaggio sicuro, comprese eventuali incompatibilità

Conservare in contenitori chiusi ermeticamente e al riparo da luce e umidità. I contenitori dovrebbero recare la data in cui sono stati aperti ed essere sottoposti a test periodicamente per verificare la presenza di perossidi. Non superare i limiti di tempo di immagazzinaggio.

I contenitori aperti devono essere accuratamente risigillati e mantenuti dritti per evitare fuoriuscite accidentali del prodotto.

*Compatibilità degli imballaggi:*

Conservare soltanto nell'imballaggio originale.

*Condizioni di conservazione:*

Asciutto, fresco e ben ventilato

*Materiali incompatibili:*

Acidi forti, basi forti, ossidanti forti e agenti riducenti forti.

### 7.3. Usi finali particolari

Questo prodotto deve essere utilizzato solo per gli scopi descritti nella sezione 1.2.

## SEZIONE 8: CONTROLLI DELL'ESPOSIZIONE/DELLA PROTEZIONE INDIVIDUALE

### 8.1. Parametri di controllo

Il prodotto non contiene alcuna sostanza elencata nella lista italiana di sostanze con un limite di esposizione sul posto di lavoro.

#### DNEL

2-fenossietanolo;fenil glicol

Durata:	Via di esposizione:	DNEL:
Lungo termine - effetti sistemici	Cutanea	10,42 mg/kg
Lungo termine - effetti sistemici - lavoratori	Cutanea	34,72 mg/kg/giorno
Lungo termine - effetti sistemici - popolazione generale	Cutanea	20,83 mg/kg
Lungo termine - effetti sistemici	Inalazione	2,41 mg/m <sup>3</sup>
Lungo termine - effetti locali - lavoratori	Inalazione	5,7 mg/m <sup>3</sup>
Lungo termine - effetti sistemici - lavoratori	Inalazione	5,7 mg/m <sup>3</sup>
Lungo termine - effetti sistemici - lavoratori	Inalazione	8,07 mg/m <sup>3</sup>
Lungo termine	Orale	9,23 mg/kg

alcool isopropilico

Durata:	Via di esposizione:	DNEL:
Lungo termine - effetti sistemici - lavoratori	Cutanea	888 mg/m <sup>3</sup>
Lungo termine - effetti sistemici - popolazione generale	Cutanea	319 mg/kg
Lungo termine - effetti sistemici - lavoratori	Inalazione	500 mg/m <sup>3</sup>
Lungo termine - effetti sistemici - popolazione generale	Inalazione	89 mg/m <sup>3</sup>
Lungo termine - effetti sistemici - popolazione generale	Inalazione	89 mg/m <sup>3</sup>
Lungo termine - effetti sistemici - popolazione generale	Orale	26 mg/kg

etanolo;alcool etilico

Durata:	Via di esposizione:	DNEL:
Lungo termine - effetti sistemici - lavoratori	Cutanea	343 mg/kg/giorno
Lungo termine - effetti sistemici - popolazione generale	Cutanea	206 mg/kg/giorno
Breve termine - effetti locali - lavoratori	Inalazione	1900 mg/m <sup>3</sup>
Breve termine - effetti locali - popolazione generale	Inalazione	950 mg/m <sup>3</sup>
Lungo termine - effetti sistemici - lavoratori	Inalazione	380 mg/m <sup>3</sup>
Lungo termine - effetti sistemici - popolazione generale	Inalazione	114 mg/m <sup>3</sup>
Lungo termine - effetti sistemici - popolazione generale	Orale	87 mg/kg/giorno

#### PNEC

2-fenossietanolo;fenil glicol

Via di esposizione:	Durata dell'esposizione:	PNEC:
Acqua dolce		0,943 mg/L
Acqua marina		0,0943 mg/L
Impianto di trattamento delle acque reflue		24,8 mg/L
Impianto di trattamento delle acque reflue	Singolo	36 mg/L
Sedimenti di acqua dolce		7.2366 mg/kg

Sedimenti di acqua marina		0,7237 mg/kg
Terreno		1,26 mg/kg

#### alcool isopropilico

Via di esposizione:	Durata dell'esposizione:	PNEC:
Acqua dolce		140,9 mg/L
Acqua marina		140,9 mg/L
Impianto di trattamento delle acque reflue		2251 mg/L
Rilascio intermittente		140,9 mg/L
Sedimenti di acqua dolce		552 mg/kg
Sedimenti di acqua marina		552 mg/kg
Terreno		28 mg/kg

#### etanolo;alcool etilico

Via di esposizione:	Durata dell'esposizione:	PNEC:
Acqua dolce		960 µg/L
Acqua marina		790 µg/L
Impianto di trattamento delle acque reflue		580 mg/L
Predatori		380-720 mg/kg
Rilascio intermittente (acqua dolce)		2.75 mg/L
Sedimenti di acqua dolce		3.6 mg/kg
Sedimenti di acqua marina		2.9 mg/kg
Terreno		630 µg/kg

## 8.2. Controlli dell'esposizione

Applicare un controllo generale per evitare un'esposizione non necessaria.

#### Precauzioni generali:

Non fumare, mangiare né bere nei locali.

#### Scenari di esposizione:

Non ci sono scenari di esposizione implementati per questo prodotto.

#### Limiti di esposizione:

Non sono riportati limiti di esposizione per le sostanze contenute nel prodotto.

#### Misure tecniche:

Applicare precauzioni standard durante l'uso del prodotto. Evitare l'inalazione di vapori.

#### Misure igieniche:

Tra una pausa di utilizzo e l'altra del prodotto e al termine del lavoro, lavare accuratamente le parti del corpo che sono venute in contatto con la presente sostanza. Prestare particolare attenzione alle mani, agli avambracci e al viso.

#### Misure per la limitazione dell'esposizione ambientale:

Nessun requisito particolare.

## Misure di protezione individuale, quali dispositivi di protezione individuale

#### Generalità:

Usare solo equipaggiamento protettivo con il marchio CE.

#### Vie aeree:

Tipo	Classe	Colore	Norme
Nessuna condizione particolare per il normale uso previsto.			

#### Cute e corpo:

Raccomandato	Tipo/Categoria	Norme	
Nessuna condizione particolare per il normale uso previsto	-	-	

**Mani:**

Situazione di lavoro	Materiale	Spessore minimo (mm)	Tempo di permeazione (min.)	Norme	
	Nessuna condizione particolare per il normale uso previsto	-	-	-	
Nel caso di esposizione prolungata o concentrazioni elevate	Cotone / Nitrile	-	> 240	EN374-2, EN16523-1, EN388	

**Occhi:**

Tipo	Norme	
Nessuna condizione particolare per il normale uso previsto.	-	

## SEZIONE 9: PROPRIETÀ FISICHE E CHIMICHE

### 9.1. Informazioni sulle proprietà fisiche e chimiche fondamentali

**Stato fisico:**

Liquido

**Colore:**

Bianco

**Odore / Soglia olfattiva (ppm):**

Di profumo

**pH:**

ca. 9

**Densità (g/cm<sup>3</sup>):**

1,06 (20 °C)

**Viscosità cinematica:**

Dati non disponibili.

**Viscosità dinamica:**

ca 1000 mPa.s (20 °C)

**Caratteristiche delle particelle:**

Non si applica ai liquidi.

### Modifica di stato e vapore

**punto di fusione/punto di congelamento (°C):**

Dati non disponibili.

**Punto/intervallo di rammollimento (°C):**

Non si applica ai liquidi.

**Punto di ebollizione (°C):**

Dati non disponibili.

**Pressione del vapore:**

Dati non disponibili.

*Densità di vapore relativa:*

Dati non disponibili.

*Temperatura di decomposizione (°C):*

Dati non disponibili.

#### **Dati relativi al pericolo di incendio e di esplosione**

*Punto di fiamma (°C):*

Dati non disponibili.

*Infiammabilità (°C):*

Dati non disponibili.

*Temperatura di autoaccensione (°C):*

Dati non disponibili.

*Limite di esplosione (% v/v):*

Dati non disponibili.

#### **Solubilità**

*Solubilità in acqua:*

Dati non disponibili.

*Coefficiente n-ottanolo/acqua (LogKow):*

Dati non disponibili.

*Solubilità in grassi (g/L):*

Dati non disponibili.

#### **9.2. Altre informazioni**

*Altri parametri fisici e chimici:*

Dati non disponibili.

*Proprietà ossidanti:*

Dati non disponibili.

## **SEZIONE 10: STABILITÀ E REATTIVITÀ**

### **10.1. Reattività**

Dati non disponibili.

### **10.2. Stabilità chimica**

Il prodotto è stabile nelle condizioni riportate nella sezione 7 "Manipolazione e immagazzinamento".

### **10.3. Possibilità di reazioni pericolose**

Non noto.

### **10.4. Condizioni da evitare**

Non noto.

### **10.5. Materiali incompatibili**

Acidi forti, basi forti, ossidanti forti e agenti riducenti forti.

### **10.6. Prodotti di decomposizione pericolosi**

In normali condizioni di stoccaggio e utilizzo, non devono essere prodotti prodotti di decomposizione pericolosi.

## **SEZIONE 11: INFORMAZIONI TOSSICOLOGICHE**

### **11.1. Informazioni sulle classi di pericolo definite nel regolamento (CE) n. 1272/2008**

#### **Tossicità acuta**

Prodotto/ingrediente	alcool isopropilico
Specie:	Ratto
Via di esposizione:	Orale
Test:	DL50
Risultato:	>2000 mg/kg

Prodotto/ingrediente alcool isopropilico  
Specie: Coniglio  
Via di esposizione: Cutanea  
Test: DL50  
Risultato: >2000 mg/kg

Prodotto/ingrediente alcool isopropilico  
Specie: Ratto  
Via di esposizione: Inalazione  
Test: LC50  
Risultato: >20

Prodotto/ingrediente alcool isopropilico  
Via di esposizione: Orale  
Test: DL50  
Risultato: 5849 mg/kg

Prodotto/ingrediente alcool isopropilico  
Specie: Ratto  
Via di esposizione: Orale  
Test: DL50  
Risultato: 5840 mg/kg

Prodotto/ingrediente alcool isopropilico  
Specie: Coniglio  
Via di esposizione: Cutanea  
Test: DL50  
Risultato: 12800 mg/kg

Prodotto/ingrediente alcool isopropilico  
Via di esposizione: Inalazione  
Test: LC50  
Risultato: 301002 mg/L

Prodotto/ingrediente 2-fenossietanolo;fenil glicol  
Specie: Ratto  
Via di esposizione: Orale  
Test: DL50  
Risultato: 1840 mg/kg

Prodotto/ingrediente 2-fenossietanolo;fenil glicol  
Specie: Coniglio  
Via di esposizione: Cutanea  
Risultato: >5000 mg/kg

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

#### **Corrosione/irritazione cutanea**

Prodotto/ingrediente alcool isopropilico  
Metodo di prova: OCSE 404  
Specie: Coniglio  
Durata: 4 hours

Prodotto/ingrediente 2-fenossietanolo;fenil glicol  
Risultato: Effetti nocivi osservati (Corrosivo)

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

#### **Lesioni oculari gravi/irritazioni oculari gravi**

Prodotto/ingrediente alcool isopropilico  
Specie: Coniglio

Risultato:	Effetti nocivi osservati (Irritante)
Prodotto/ingrediente	alcool isopropilico
Metodo di prova:	OCSE 405
Specie:	Coniglio
Risultato:	Effetti nocivi osservati (Provoca gravi lesioni oculari)

Prodotto/ingrediente	2-fenossietanolo;fenil glicol
Risultato:	Effetti nocivi osservati (Provoca gravi lesioni oculari)

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

#### **Sensibilizzazione respiratoria**

Prodotto/ingrediente	alcool isopropilico
Metodo di prova:	OCSE 406
Specie:	Porcellino d'india
Risultato:	Nessun effetto nocivo osservato (non sensibilizzante)

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

#### **Sensibilizzazione cutanea**

Prodotto/ingrediente	alcool isopropilico
Specie:	Porcellino d'india
Risultato:	Nessun effetto nocivo osservato (non sensibilizzante)

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

#### **Mutagenicità delle cellule germinali**

Prodotto/ingrediente	alcool isopropilico
Conclusione:	Nessun effetto nocivo osservato

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

#### **Cancerogenicità**

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

#### **Tossicità per la riproduzione**

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

#### **Tossicità specifica per organi bersaglio (STOT) — esposizione singola**

Prodotto/ingrediente	alcool isopropilico
Via di esposizione:	Orale

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

#### **Tossicità specifica per organi bersaglio (STOT) — esposizione ripetuta**

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

#### **Pericolo in caso di aspirazione**

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

### **11.2. Informazioni su altri pericoli**

#### **Effetti cronici**

Non noto.

#### **Proprietà di interferenza con il sistema endocrino**

Questa sostanza/miscela non contiene componenti considerati aventi proprietà che perturbano il sistema ormonale in relazione alla salute.

#### **Altre informazioni**

alcool isopropilico: la sostanza è stata classificata nel gruppo 3 da IARC.

## **SEZIONE 12: INFORMAZIONI ECOLOGICHE**

### **12.1. Tossicità**

Prodotto/ingrediente	alcool isopropilico
Specie:	Pesce, Goudwinde (Leuciscus idus)
Durata:	48 ore

Test: LC50  
Risultato: >100 mg/L

Prodotto/ingrediente: alcool isopropilico  
Specie: Crostacei, Daphnia magna  
Durata: 48 ore  
Test: EC50  
Risultato: >100 mg/L

Prodotto/ingrediente: alcool isopropilico  
Specie: Alghe, Scenedesmus subspicatus  
Durata: 72 ore  
Test: EC50  
Risultato: >100 mg/L

Prodotto/ingrediente: 2-fenossietanolo;fenil glicol  
Specie: Pesce  
Durata: 96 ore  
Test: LC50  
Risultato: >100 mg/L

Prodotto/ingrediente: 2-fenossietanolo;fenil glicol  
Specie: Alghe  
Durata: 72 ore  
Test: ErC50  
Risultato: >100 mg/L

Prodotto/ingrediente: 2-fenossietanolo;fenil glicol  
Specie: Daphnia magna  
Durata: 48 ore  
Test: EC50  
Risultato: >100 mg/L

Prodotto/ingrediente: 2-fenossietanolo;fenil glicol  
Specie: Pesce  
Test: NOEC  
Risultato: 23 mg/L

Prodotto/ingrediente: 2-fenossietanolo;fenil glicol  
Specie: Andere waterorganismen  
Durata: 30 minutes  
Test: EC50  
Risultato: >1000 mg/L

Sulla base dei dati disponibili i criteri di classificazione non sono soddisfatti.

### 12.2. Persistenza e degradabilità

Prodotto/ingrediente: alcool isopropilico  
Risultato: 95%  
Conclusione: Pronta biodegradabilità  
Test: OCSE 301 E

Prodotto/ingrediente: 2-fenossietanolo;fenil glicol  
Risultato: >70  
Conclusione: Pronta biodegradabilità  
Test: OCSE 301 A

### 12.3. Potenziale di bioaccumulo

Prodotto/ingrediente: alcool isopropilico  
BCF: <100  
LogKow: <3

Conclusione: -

Prodotto/ingrediente 2-fenossietanolo;fenil glicol  
BCF: 0.349  
LogKow: 1.2  
Conclusione: -

#### 12.4. Mobilità nel suolo

Dati non disponibili.

#### 12.5. Risultati della valutazione PBT e vPvB

Questa miscela/prodotto non contiene sostanze che soddisfano i criteri di classificazione PBT e/o vPvB.

#### 12.6. Proprietà di interferenza con il sistema endocrino

Questa sostanza/miscela non contiene componenti considerati aventi proprietà di interferenza endocrina in relazione all'ambiente.

#### 12.7. Altri effetti avversi

Non noto.

## SEZIONE 13: CONSIDERAZIONI SULLO SMALTIMENTO

#### 13.1. Metodi di trattamento dei rifiuti

Il prodotto non rientra nell'elenco delle sostanze pericolose.  
Regolamento (UE) n. 1357/2014 della Commissione del 18 dicembre 2014 relativo ai rifiuti.

Codice CER:  
20 01 30 Detergenti diversi da quelli di cui alla voce 20 01 29

#### Imballaggio contaminato

Gli imballaggi contenenti piccoli resti del prodotto devono essere smaltiti allo stesso modo del prodotto.

## SEZIONE 14: INFORMAZIONI SUL TRASPORTO

	14.1 ONU	14.2 Designazione ufficiale ONU di trasporto	14.3 Classi di pericolo connesso al trasporto	14.4 PG*	14.5. Env**	Altre informazioni:
ADR	1950	AEROSOLS	Classe: 2 Etichette: 2.2 Codice di classificazione: 5A	-	No	Quantità limitate: 1 L Codice di restrizione in galleria: 3 (E) Vedere qui di seguito per maggiori informazioni.
IMDG	1950	AEROSOLS	Classe: 2 Etichette: 2.2 Codice di classificazione: 5A	-	No	Quantità limitate: 1 L EmS: F-D S-U Vedere qui di seguito per maggiori informazioni.
IATA	1950	AEROSOLS	Classe: 2 Etichette: 2.2	-	No	Vedere qui di seguito per

14.1 ONU	14.2 Designazione ufficiale ONU di trasporto	14.3 Classi di pericolo connesso al trasporto	14.4 PG*	14.5. Env**	Altre informazioni:
		Codice di classificazione: 5A			maggiori informazioni.

\* Gruppo d'imballaggio

\*\* Pericoli per l'ambiente

#### Altro

Il prodotto rientra nell'elenco delle merci pericolose.

ADR / Vedere Tabella A, Sezione 3.2.1 per eventuali informazioni su misure, requisiti o avvertenze speciali riguardanti il trasporto. Vedere la sezione 5.4.3, per quanto attiene istruzioni scritte sulla mitigazione dei danni in caso di incidenti durante il trasporto.

IMGD / Vedere la sezione 3.2.1 per eventuali informazioni su misure, requisiti o avvertenze speciali riguardanti il trasporto.

IATA / Vedere Tabella 4.2 per eventuali informazioni su misure, requisiti o avvertenze speciali riguardanti il trasporto.

#### 14.6. Precauzioni speciali per gli utilizzatori

Non applicabile.

#### 14.7. Trasporto marittimo alla rinfusa conformemente agli atti dell'IMO

Dati non disponibili.

## SEZIONE 15: INFORMAZIONI SULLA REGOLAMENTAZIONE

### 15.1. Disposizioni legislative e regolamentari su salute, sicurezza e ambiente specifiche per la sostanza o la miscela

#### Limitazioni d'uso:

Usò ristretto agli utilizzatori professionali.

#### Esigenza di istruzioni particolari:

Nessun requisito particolare.

#### SEVESO - Categorie / Sostanze pericolose:

Non applicabile.

#### REACH, Allegato XVII:

alcol isopropilico è soggetta alle restrizioni REACH (N. voce 40).

etanolo;alcol etilico è soggetta alle restrizioni REACH (N. voce 40).

#### Etichettatura dei contenuti conforme al Regolamento sui detersivi 648/2004:

< 5%

- Tensioattivi anionici
- Tensioattivi Non ionici
- Profumi
- Conservanti (PHENOXYETHANOL)

#### Altro:

Non applicabile.

#### Fonti:

DECRETO LEGISLATIVO 25 novembre 1996, n. 645 concernente il miglioramento della sicurezza e della salute sul lavoro delle lavoratrici gestanti, puerpere o in periodo di allattamento.

Regolamento (CE) n. 648/2004 del Parlamento europeo e del Consiglio, del 31 marzo 2004, relativo ai detersivi.

Regolamento (UE) n. 1357/2014 della Commissione del 18 dicembre 2014 relativo ai rifiuti.

Regolamento (CE) n. 1272/2008 del Parlamento europeo e del Consiglio del 16 dicembre 2008 relativo alla classificazione, all'etichettatura e all'imballaggio delle sostanze e delle miscele (CLP).

Regolamento (CE) n. 1907/2006 del Parlamento europeo e del Consiglio, del 18 dicembre 2006, concernente la registrazione, la valutazione, l'autorizzazione e la restrizione delle sostanze chimiche (REACH).

### 15.2. Valutazione della sicurezza chimica

No

## SEZIONE 16: ALTRE INFORMAZIONI

### Il testo completo delle frasi H è riportato nella sezione 3

H225, Liquido e vapori facilmente infiammabili.  
H302, Nocivo se ingerito.  
H318, Provoca gravi lesioni oculari.  
H319, Provoca grave irritazione oculare.  
H335, Può irritare le vie respiratorie.  
H336, Può provocare sonnolenza o vertigini.

### Abbreviazioni e acronimi

ADN = Norme Europee relative al Trasporto Internazionale di Merci Pericolose per Vie Navigabili Interne  
ADR = Accordo Europeo relativo al Trasporto Internazionale di Merci Pericolose su Strada  
ATE = Stima della Tossicità Acuta  
BCF = Fattore di Bioconcentrazione  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne  
CER = Catalogo Europeo dei Rifiuti  
CLP = Classificazione, Etichettatura e Imballaggio [Regolamento (CE) N. 1272/2008]  
CSA = Valutazione sulla Sicurezza Chimica  
CSR = Relazione sulla Sicurezza Chimica  
DMEL = Livello derivato con effetti minimi  
DNEL = Livello derivato senza effetto  
EINECS = Inventario Europeo delle Sostanze chimiche Esistenti a carattere Commerciale  
ES = Scenario di Esposizione Indicazione  
EUH = disposizioni di rischio specifiche al regolamento CLP  
EuPCS = Sistema europeo di categorizzazione dei prodotti  
GHS = Sistema Mondiale Armonizzato di Classificazione ed Etichettatura delle Sostanze Chimiche  
GWP = Potenziale di riscaldamento globale  
IATA = Associazione Internazionale per il Trasporto Aereo  
IBC = Contenitori Bulk  
IMDG = Trasporto Marittimo Internazionale di Merci Pericolose  
Log Kow = log del coefficiente di ripartizione ottanolo/acqua  
MARPOL = Convenzione Internazionale del 1973 per la Prevenzione dell'Inquinamento causato dalle Navi e il relativo protocollo del 1978  
OCSE = Organizzazione per la Cooperazione e lo Sviluppo Economico  
ONU = Organizzazione delle Nazioni Unite  
PBT = Persistente, Bioaccumulante, Tossico  
PNEC = Concentrazione Prevedibile Priva di Effetti  
RID = I Regolamenti concernenti il Trasporto Internazionale di Merci Pericolose per Ferrovia  
RRN = Numero REACH di Registrazione  
rc = gli altri rifiuti soggetti a controllo  
rcm = gli altri rifiuti soggetti a controllo con obbligo di modulo di accompagnamento  
rs = rifiuti speciali  
SCL = Limite di concentrazione specifico  
SVHC = Sostanze Molto Pericolose  
STOT = Tossicità Specifica per Organi Bersaglio - Esposizione Ripetuta  
STOT = Tossicità Specifica per Organi Bersaglio - Esposizione Singola  
TWA = Media ponderata nel tempo  
UVCB = Indica sostanze di composizione sconosciuta o variabile, prodotti di una reazione complessa o materiali biologici.  
VOC = Composti Organici Volatili  
vPvB = Molto Persistente e Molto Bioaccumulabile

### Altro

Non applicabile.

### Convalidato da

Quality & Compliance

**Altro**

La presenza di un triangolo indica una modifica rispetto alla versione precedente (primo numero nella versione SDS, vedere sezione 1).

Le indicazioni riportate nella presente scheda di dati di sicurezza si applicano esclusivamente al prodotto indicato nella sezione 1 e non si applicano necessariamente in caso di utilizzo con altri prodotti.

Si consiglia di consegnare la presente scheda di dati di sicurezza all'utente del prodotto. Le informazioni riportate non possono essere utilizzate come specifiche prodotto.

Nazione-lingua: IT-it

## 安全データシート

# i.26 kitchen polish (Alu-Air)

## 項目 1: 物質/製剤および会社/企業の特定

### 1.1. 製品識別子

製品名:

i.26 kitchen polish (Alu-Air)

### 1.2. 推奨用途及び使用上の制限

物質または混合物で関連の特定使用:

洗剤および洗剤 (溶剤系を含む)  
産業用専用。

対提言使用:

不明。

### 1.3. 安全データシートの供給業者の詳細

会社と住所:

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

電子メール:

info@hygeniq.com

SDS 日付:

2025/05/26

SDS バージョン:

1.0

### 1.4. 緊急連絡用電話番号 (受付時間)

緊急時には119 (24時間サービス) に電話すること  
公益財団法人 日本中毒情報センター: +81-72-727-2499  
項目4を参照: 応急措置

## 項目 2: 危険有害性の要約

JISZ7252に基づく分類。

### 2.1. 物質または混合物の分類

Aerosol 3; H229, 圧力容器: 加熱すると破裂する可能性があります。

### 2.2. ラベル要素

危険有害性の絵文字:

該当なし。

注意喚起語:

警告

**危険有害性情報:**

圧力容器：加熱すると破裂する可能性があります。(H229)

**注意書き:**

**概要:**

-

**安全対策:**

熱、高温のもの、火花、裸火および他の着火源から遠ざけること。禁煙。(P210)  
使用後を含め、穴を開けたり燃やしたりしないこと。(P251)

**応急措置:**

-

**保管:**

日光から遮断し、50℃以上の温度にばく露しないこと。(P410+P412)

**廃棄:**

-

**危険有害性成分:**

報告に必要な物質が含まれていません

**追加ラベル付け:**

該当なし。

## 項目3: 組成及び成分情報

### 3.1. 成分

該当なし。この製品は混合物です。

### 3.2. 混合物

製品 / 成分	識別子	% w/w	分類	注記
Isopropylalcohol	CAS番号 : 67-63-0 EC番号 : 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol, ethyl alcohol	CAS番号 : 64-17-5 EC番号 : 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS番号 : 122-99-6 EC番号 : 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

セクション16のHフレーズの全文を参照のこと。職業ばく露限界は利用可能な場合は、セクション8に記載されている。

**その他の情報**

-

## 項目4: 応急措置

### 4.1. 応急処置の解説

**一般情報:**

事故の場合：医師または緊急部門に連絡すること - ラベルまたはこの安全データシートを持参する。  
被害者の状態に疑問がある場合、または症状が継続する場合は、医師に連絡すること。絶対に意識不明の人に水やその

他の飲み物を与えないこと。

吸入した場合:

呼吸困難や気道を刺激した場合: 被害者が新鮮な空気を吸える場所に移動し、一緒に付き添う。

皮膚に付着した場合:

汚染された衣類や靴を直ちに取除くこと。必ずばく露した皮膚を水と石鹸で十分に洗う。皮膚清拭剤も使用できる。溶剤やシンナーは絶対に使用しない。

眼に入った場合:

眼に入った場合: 水または食塩水 (20~30°C) で少なくとも5分間、目を洗うこと。コンタクトレンズを取り外し、目を広く開くこと。医師と相談し、搬送中にも続けて洗うこと。

飲み込んだ場合:

患者が意識している場合は、水で口をすすぐ、患者と一緒にしてください。倦怠感が生じた場合は、製品の安全データシートまたはラベルを持参して、直ちに医師の診察を受けること。医師の勧めがない限り、嘔吐を誘発しないこと。嘔吐物を飲み込んだり、窒息を避けるために、被害者の頭を下げて前かがみにさせること。

やけど:

該当なし。

**4.2.** 重大な症状と作用の大部分には、急性および遅延性の両方がある不明。

**4.3.** 何らかの即時の手当および特別な治療が必要とされることの表示  
対症療法を行う。

医師に対する特別な注意事項

この安全データシートを持参のこと。

## 項目5: 火災時の措置

**5.1.** 消火剤

該当なし。

**5.2.** 物質または混合物から生じる特別な危険有害性

圧力容器。火の中にある、または過熱されている場合は、圧力上昇が発生し、容器が破裂することがある。火は濃い煙をもたらす。燃焼製品にさらされると、健康に害を及ぼす可能性がある。火にさらされた密閉容器は、水で冷却するべきである。絶対に、消火水が下水や近くの地表水に入らないようにする。

例えば火災など製品が高温にさらされた場合、危険な分解化合物が生成される。これらは次がある:

酸化炭素 (CO / CO<sub>2</sub>)

金属酸化物の一部

**5.3.** 消防士に対する助言

接触を防ぐために、自給式呼吸装置と防護服を着用すること。直接ばく露した場合は、引き続き助言を得るために緊急サービス (119) に連絡すること。

## 項目6: 漏出時の措置

**6.1.** 人体に対する注意事項、保護具及び緊急時措置

とりわけ密閉区域における換気を適切に行うようにする。

汚染区域は滑りやすい場合がある。

**6.2.** 環境に対する注意事項

湖、小川、下水道などへの排出を避けること。

権限のない人を流出から遠ざける

**6.3.** 封じ込め及び浄化の方法及び機材

不燃性、吸収性物質で流出物を入れて収集します。砂、土、バーミキュライトまたは珪藻土を廃棄し、地元の規制に従って廃棄できるように容器に入れます。

洗浄は可能な限り、通常の洗浄剤で行う。溶剤の使用は避けること。

**6.4.** 他のセクションを参照

廃棄物取り扱いの追加情報に関してはセクション13を参照。  
適切な個人保護装置に関する情報についてはセクション8を参照。

## 項目7: 取扱い及び保管上の注意

### 7.1. 安全に取扱うための注意事項

使用後を含め、穴を開けたり燃やしたりしないこと。  
作業場での喫煙、飲酒、食べ物の摂取は禁止する。  
作業保護に関する情報については、「ばく露制御/個人保護」のセクションを参照のこと。

### 7.2. あらゆる配合禁忌を含む、安全な保管条件

しっかりと閉じた容器に保管し、湿気や光から影響されることなく保管すること。容器には開けた時の日付を付け、過酸化物の存在を定期的には検査する必要がある。絶対に保管期間の制限を超えないこと。  
開封した容器は、漏れを防ぐために慎重に再び封じ、直立で保管する必要がある。

推奨保管材料:

他の容器に移し替えないこと。

保管条件:

乾燥、涼しい、十分な換気

混触危険物質:

強酸、強塩基、強酸化剤、及び強い還元剤。

### 7.3. 特定の最終用途

この製品はセクション1.2で引用した応用のみに使用しなければならない。

## 項目8: ばく露防止及び保護措置

### 8.1. 許容濃度

Isopropylalcohol  
最大許容濃度 (mg/m<sup>3</sup>): 980  
最大許容濃度 (ppm): 400

許容濃度等の勧告 (2023-2024年度), 2023年5月10日 日本産業衛生学会

### 8.2. 暴露の管理

所定の職業ばく露限界値への準拠は、定期的に制御しなければならない。

一般的な推奨事項:

作業場での喫煙、飲酒、食べ物の摂取は禁止する。

ばく露シナリオ:

"この製品にはばく露シナリオは実装されていない。

暴露限界値:

プロの利用者は職業ばく露のために法的に設定された最大濃度が対象になる。上記の労働衛生限界値を参照のこと。

適切な技術的管理:

蒸気の発生を最小にして、電流を制限値以下に保つ必要があります (上記を参照)。作業室内で通常の空気の流通が十分でない場合、局所排気システムを設置することをお勧めします。緊急洗眼液に明確にマークが付いていることを確認します。

本製品の使用中には、標準的予防措置が適用されます。蒸気の吸入を避けます。

衛生対策:

製品の使用の間と、作業日の終わりには、体のすべてのばく露部分を徹底的に洗浄する必要があります。手、前腕、顔には特に注意を払います。

環境暴露管理:

特定の要件なし。

個人の保護措置

JIS Z 7253:2019 による

一般的:

CEマークが付いた保護具のみを使用すること。

呼吸用保護具:

推奨フィルタの種類	クラス	クラス	標準	
目的のとおりに使用する場合は、特別な条件はない				

身体保護具:

推奨	タイプ / カテゴリ	標準	
目的のとおりに使用する場合は、特別な条件はない	-	-	

手の保護具:

工事状況	材料	手袋の厚さ (mm)	破過時間 (分)	標準	
	目的のとおりに使用する場合は、特別な条件はない	-	-	-	
長期被爆または高濃度の場合	綿/ニトリルゴム、	-	> 240	EN374-2, EN16523-1, EN388	

保護眼鏡/保護面:

推奨	標準	
目的のとおりに使用する場合は、特別な条件はない	-	

## 項目9: 物理的及び化学的性質

### 9.1. 基本的な物理学および化学的特性に関する情報

物理的状:

液体

色:

白

臭い:

香水の

臭気しきい値 (ppm) :

利用可能なデータなし.

pH:

ca. 9

比重 (g/cm<sup>3</sup>):

1.06 (20 °C)

粘度:

利用可能なデータなし.

ca 1000 mPa.s (20 °C)

粒子特性:

液体には適用されません。

フェーズの変更

融点・凝固点 (°C):

利用可能なデータなし.

軟化点/範囲 (°C):

液体には適用されません。

沸点/沸騰範囲 (°C):

利用可能なデータなし.

蒸気圧:

利用可能なデータなし.

蒸気密度:

利用可能なデータなし.

分解温度 (°C):

利用可能なデータなし.

蒸発速度:

火災および爆発の危険性に関するデータ

引火点 (°C):

利用可能なデータなし.

引火性 (°C):

利用可能なデータなし.

自然発火温度 (°C):

利用可能なデータなし.

爆発 (燃烧) 限界の上限および下限 (% v/v):

利用可能なデータなし.

溶解度

水中の溶解度:

利用可能なデータなし.

分配係数 (LogKow):

利用可能なデータなし.

脂肪の溶解度 (g/L) :

利用可能なデータなし.

9.2. その他の情報

揮発性有機化合物(VOC):

その他の物理的および化学的パラメータ:

利用可能なデータなし.

酸化特性:

利用可能なデータなし.

## 項目10: 安定性及び反応性

10.1. 反応性

利用可能なデータなし.

10.2. 化学的安定性

製品は「取り扱いと保管」のセクションに記載されている条件下で安定している。

10.3. 危険有害反応可能性

不明。

10.4. 避けるべき条件

不明。

10.5. 混触危険物質

強酸、強塩基、強酸化剤、及び強い還元剤。

**10.6. 危険有害な分解生成物**

通常の保管および使用条件下では、有害な分解生成物は発生しません。

**項目11: 有害性情報**

**11.1. 毒物学的作用に関する情報**

急性毒性

製品 / 成分	Isopropylalcohol
種類:	ラット
暴露経路:	経口
テスト:	LD50
結果:	>2000 mg/kg

製品 / 成分	Isopropylalcohol
種類:	ウサギ
暴露経路:	皮膚
テスト:	LD50
結果:	>2000 mg/kg

製品 / 成分	Isopropylalcohol
種類:	ラット
暴露経路:	吸入
テスト:	LC50
結果:	>20

製品 / 成分	Isopropylalcohol
暴露経路:	経口
テスト:	LD50
結果:	5849 mg/kg

製品 / 成分	Isopropylalcohol
種類:	ラット
暴露経路:	経口
テスト:	LD50
結果:	5840 mg/kg

製品 / 成分	Isopropylalcohol
種類:	ウサギ
暴露経路:	皮膚
テスト:	LD50
結果:	12800 mg/kg

製品 / 成分	Isopropylalcohol
暴露経路:	吸入
テスト:	LC50
結果:	301002 mg/L

製品 / 成分	2-phenoxyethanol
種類:	ラット
暴露経路:	経口
テスト:	LD50
結果:	1840 mg/kg

製品 / 成分	2-phenoxyethanol
種類:	ウサギ
暴露経路:	皮膚

JIS Z 7253:2019 による

結果: >5000 mg/kg

使用可能なデータを基にすると、分類基準が満たされていません。

刺激性/腐食性

製品 / 成分 Isopropylalcohol  
試験方法: OECD 404  
種類: ウサギ  
存続期間: 4 hours

製品 / 成分 2-phenoxyethanol  
結果: 副作用が認められる (腐食剤)

使用可能なデータを基にすると、分類基準が満たされていません。

重篤な眼の損傷/刺激

製品 / 成分 Isopropylalcohol  
種類: ウサギ  
結果: 副作用が認められる (刺激する)

製品 / 成分 Isopropylalcohol  
試験方法: OECD 405  
種類: ウサギ  
結果: 副作用が認められる (重篤な眼の損傷)

製品 / 成分 2-phenoxyethanol  
結果: 副作用が認められる (重篤な眼の損傷)

使用可能なデータを基にすると、分類基準が満たされていません。

呼吸器ま感作

製品 / 成分 Isopropylalcohol  
試験方法: OECD 406  
種類: テンジクネズミ  
結果: 副作用は認められない (感作しない)

使用可能なデータを基にすると、分類基準が満たされていません。

皮膚感作

製品 / 成分 Isopropylalcohol  
種類: テンジクネズミ  
結果: 副作用は認められない (感作しない)

使用可能なデータを基にすると、分類基準が満たされていません。

変異原性

製品 / 成分 Isopropylalcohol  
結論: 副作用は認められない

使用可能なデータを基にすると、分類基準が満たされていません。

発がん性

使用可能なデータを基にすると、分類基準が満たされていません。  
Isopropylalcohol: 物質はIARCでグループ3に分類されている。

催奇形性 / 発育への影響

使用可能なデータを基にすると、分類基準が満たされていません。

特定標的臓器 / 全身毒性 (単回暴露)

製品 / 成分 Isopropylalcohol  
暴露経路: 経口

使用可能なデータを基にすると、分類基準が満たされていません。

特定標的臓器 / 全身毒性 (反復暴露)

使用可能なデータを基にすると、分類基準が満たされていません。

呼吸に対する危険有害性  
使用可能なデータを基にすると、分類基準が満たされていません。

健康への慢性効果の可能性  
不明。

## 項目12: 環境影響情報

### 12.1. 毒性

製品 / 成分	Isopropylalcohol
種類:	魚類, Goudwinde ( <i>Leuciscus idus</i> )
存続期間:	48 時間
テスト:	LC50
結果:	>100 mg/L

製品 / 成分	Isopropylalcohol
種類:	甲殻綱, <i>Daphnia magna</i>
存続期間:	48 時間
テスト:	EC50
結果:	>100 mg/L

製品 / 成分	Isopropylalcohol
種類:	藻類, <i>Scenedesmus subspicatus</i>
存続期間:	72 時間
テスト:	EC50
結果:	>100 mg/L

製品 / 成分	2-phenoxyethanol
種類:	魚類
存続期間:	96 時間
テスト:	LC50
結果:	>100 mg/L

製品 / 成分	2-phenoxyethanol
種類:	藻類
存続期間:	72 時間
テスト:	ErC50
結果:	>100 mg/L

製品 / 成分	2-phenoxyethanol
種類:	<i>Daphnia magna</i>
存続期間:	48 時間
テスト:	EC50
結果:	>100 mg/L

製品 / 成分	2-phenoxyethanol
種類:	魚類
テスト:	NOEC
結果:	23 mg/L

製品 / 成分	2-phenoxyethanol
種類:	Andere waterorganismen
存続期間:	30 minutes
テスト:	EC50
結果:	>1000 mg/L

使用可能なデータを基にすると、分類基準が満たされていません。

### 12.2. 残留性・分解性

JIS Z 7253:2019 による

製品 / 成分 Isopropylalcohol  
結果: 95%  
結論: 生分解しやすい  
テスト: OECD 301 E

製品 / 成分 2-phenoxyethanol  
結果: >70  
結論: 生分解しやすい  
テスト: OECD 301 A

### 12.3. 生体蓄積性

製品 / 成分 Isopropylalcohol  
BCF: <100  
LogKow: <3  
結論: -

製品 / 成分 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
結論: -

### 12.4. 土壌中の移動性

利用可能なデータなし。

### 12.5. 12.5.PBTおよびvPvB評価の結果

この混合物/製品には、PBTまたはvPvB、もしくはその両者として分類される基準を満たすと考慮される物質は含まれていない。

### 12.6. その他の悪影響

不明。

## 項目13: 廃棄上の注意

#### 廃棄物処理方法

製品は危険廃棄物に関する規制の対象外である。

#### 特定のラベル

#### 汚染された包装

製品の残渣を含む包装は製品と同様に処分する必要がある。

## 項目14: 輸送上の注意

	14.1 国連番号	14.2 輸送固有名	14.3 範疇	14.4 PG*	14.5 Env**	その他の情報:
ADR	1950	AEROSOLS	クラス   等級: 2 等級: 2.2 Classification code: 5A	-	いいえ	許容質量: 1 L ンネル制限 コード: 3 (E) 追加情報については、 以下を参照してください。
IMDG	1950	AEROSOLS	クラス   等級: 2	-	いいえ	許容質量: 1

	14.1 国連番号	14.2 輸送固有名	14.3 範疇	14.4 PG*	14.5 Env**	その他の情報:
			等級: 2.2 Classification code: 5A			L EmS: F-D S-U 追加情報については、以下を参照してください。
IATA	1950	AEROSOLS	クラス   等級: 2 等級: 2.2 Classification code: 5A	-	いいえ	追加情報については、以下を参照してください。

\* 容器等級

\*\* 環境有害性

追加情報

この製品は危険物の輸送規制範囲内である。

ADR / 輸送に関連した特別な規定、要求事項又は注意事項に関する情報については3.2.1項の表Aを参照して下さい。輸送中の事件又は事故によって生じた損傷の緩和に関する書面での説明については5.4.3項を参照して下さい。

IMGD / 輸送に関連した特別な規定、要求事項又は注意事項に関する情報については3.2.1項の表Aを参照して下さい。

IATA / 輸送に関連した特別な規定、要求事項又は注意事項に関する情報については4.2.項の表を参照して下さい。

#### 14.6. 使用者のための特別な予防措置

該当なし。

#### 14.7. MARPOL条約の附属書IIおよびIBCコードによるばら積み運搬

利用可能なデータなし。

## 項目15: 適用法令

### 15.1. 物質または混合物ごとに個別に関連する、安全、健康および環境に関する規則/法律

応用の制限:

産業用専用。

特定教育に対する要求:

特定の要件なし。

その他の情報:

該当なし。

既存および新規化学物質 (ENCS):

どの化学成分も表示されていない。

毒物及び劇物取締法:

どの化学成分も表示されていない。

化管法 (PRTR):

どの化学成分も表示されていない。

有機溶剤中毒予防規則:

Isopropylalcohol リストに記載しています (第2種有機溶剤)

ソース:

有機溶剤中毒予防規則 (昭和四十七年労働省令第三十六号)

GHS に基づく化学品の分類方法. JIS Z 7252 (2019)

GHS に基づく化学品の危険有害性情報の伝達方法—ラベル, 作業場内の表示及び安全データシート (SDS). JIS Z 7253

(2019)

## 項目16: その他の情報

セクション3に記載のHフレーズ全文

H225, 引火性の高い液体および蒸気。

H302, 飲み込むと有害。

H318, 重篤な眼の損傷。

H319, 強い眼刺激。

H335, 呼吸器への刺激のおそれ。

H336, 眠気やめまいのおそれ。

セクション1に記載の識別された使用の全文  
不明。

略語と頭字語

ACGIH = アメリカ産業衛生専門家会議

ADN = ヨーロッパ内陸水路危険物運送規定

ADR = ヨーロッパ道路危険物運送条約

ATE = 急性毒性見積

BCF = 生物濃縮係数

CAS = ケミカル・アブストラクト・サービス

EINECS = 欧州既存商業化学物質リスト

GHS = 化学品の分類および表示に関する世界調和システム

IARC = 国際がん研究機関

IATA = 国際航空運送協会

IMDG = 国際海上危険物規程

LogPow = オクタノール/水分配係数の対数

MARPOL = 1978年の議定書によって修正された1973年船舶による汚染防止のための国際条約

NIOSH = 国立労働安全衛生研究所

OECD = 経済協力開発機構

OSHA = 労働安全衛生局

RID = 鉄道による危険物の国際輸送に関する規制

RRN = REACH登録番号

SCL = には特定の濃度限界値 (SCL) がある。

STEL = 短期ばく露限界

STOT-RE = 特定標的臓器毒性 (反復ばく露)

STOT-SE = 特定標的臓器毒性 (単回ばく露)

TWA = 時間加重平均

UN = 国際連合

VOC = 揮発性有機化合物

追加情報

該当なし。

安全データシートは次により確認される

Quality & Compliance

その他

変更 (最後の本質的な変更 (SDS バージョンの最初の文字、セクション1を参照) に対して) は、青い三角形で表示されている。

この安全データシートの情報はこの特定製品 (セクション1に記載) にのみ適用され、他の化学薬品/製品で使用する場合は必ずしも正しいものではない。

この安全データシートを、製品の実際の利用者に渡すことを推奨する。この安全データシートの情報は製品仕様としては使用できない。

国-言語: JP-ja

## 안전 데이터 시트

# i.26 kitchen polish (Alu-Air)

## 1: 물질/제품과 회사 정보

### 1.1. 제품 식별명

제품명:  
i.26 kitchen polish (Alu-Air)

### 1.2. 제품의 권고 용도와 사용상의 제한

물질 또는 혼합물의 적절한 식별 용도:  
세제 및 세정제(솔벤트 기반 세제 포함)  
산업용으로만 사용하십시오.

권고되는 사용 대상:  
알려진 바 없습니다.

### 1.3. 물질안전보건자료의 공급자에 대한 자세한 사항

회사 세부정보:  
**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

이메일:  
info@hygeniq.com

SDS 날짜:  
2025. 5. 26.

SDS 버전:  
1.0

### 1.4. 긴급전화번호

응급의료센터: 1339(24시간 서비스)  
섹션 4: 응급조치

## 2: 유해성·위험성

화학물질의 분류 표시 및 물질안전보건자료에 관한 기준(고용노동부 제2023-9호)에 따라 분류합니다.

### 2.1. 물질 또는 혼합물의 분류

Aerosol 3; H229, 압력용기:열이 가해지면 파열할 수 있음.

### 2.2. 표지 요소

유해 그림문자:  
해당사항 없음.

신호어:  
경고

유해·위험 문구:

압력용기:열이 가해지면 파열할 수 있음. (H229)

예방조치 문구:

일반:

-

예방:

열·스파크·화염·고열로부터 멀리하시오 - 금연 (P210)  
압력용기 ; 사용 후에도 구멍을 뚫거나 태우지 마시오. (P251)

대응:

-

저장:

직사광선을 피하시오.50°C 이상의 온도에 노출시키지 마시오. (P410+P412)

폐기:

-

내용량, 성분 및 함유량:

신고가 필요한 물질을 포함하지 않음

추가 라벨링:

해당사항 없음.

### 3: 구성성분의 명칭 및 함유량

#### 3.1. 물질

해당사항 없음. 이 제품은 혼합물입니다.

#### 3.2. 혼합물

제품/성분	식별자	% w/w	분류	참고
물	CAS번호: 7732-18-5 EC: 231-791-2	80-95%		
Aluminium oxide	CAS번호: 1344-28-1 EC: 215-691-6	5-10%		
Isopropylalcohol	CAS번호: 67-63-0 EC: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol, ethyl alcohol	CAS번호: 64-17-5 EC: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
Xanthan gum	CAS번호: 11138-66-2 EC: 234-394-2	1-3%		
2-phenoxyethanol	CAS번호: 122-99-6 EC: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS번호: 68515-73-1 EC:	<1%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	
N-Myristoylsarcosine acid, sodium salt	CAS번호: 30364-51-3 EC: 250-151-3	<0.25%	Skin Irrit. 2, H315 (SCL: 30.00 %) Eye Dam. 1, H318	
2,6-dimethyloct-7-en-2-ol	CAS번호: 18479-58-8 EC: 242-362-4	<0.25%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	

			STOT SE 3, H336	
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섹션 16에 언급된 H-문구 전문을 참조하십시오. 작업장 노출 한도 자료가 있을 경우 섹션 8에 나옵니다.

그 밖의 참고사항

-

## 4: 응급조치 요령

### 4.1. 응급조치에 관한 기술

일반:

사고의 경우: 의사 또는 사상자 부서에 문의하고 (119) 라벨이나 이 물질 안전 보건자료를 지참하십시오.

부상 당한 사람의 상태가 의심되거나 증상이 지속되면 의사에게 문의하십시오. 의식이 없는 사람에게 물이나 다른 음료를 주지 마십시오.

흡입했을 때:

호흡 곤란 또는 호흡기 자극 시: 사람을 신선한 공기가 있는 곳으로 데려가서 함께 머무십시오.

피부에 접촉했을 때:

오염된 의복과 신발을 즉시 벗기십시오. 물과 비누로 노출된 피부를 철저히 씻으십시오. 피부 클렌저를 사용할 수 있습니다. 용제나 희석제를 사용하지 마십시오.

눈에 들어갔을 때:

눈에 묻으면: 물 또는 식염수(20-30 °C)로 5분 이상 눈을 씻으십시오. 콘택트렌즈를 제거하고, 이송 중 의료 지원을 요청하고 계속 세척하십시오.

먹었을 때:

의식이 있을 경우 물로 입을 행군 뒤 곁에 있으십시오. 증상이 있으면 즉시 의사의 진단을 받고 이 물질 안전 보건자료나 라벨을 가져가십시오. 의사가 권장하지 않는 한 구토를 유도하지 마십시오. 피해자가 구토물을 흡입하거나 질식하는 일이 없도록 머리를 아래로 하여 몸을 앞으로 숙이도록 하십시오.

화상:

해당사항 없음.

### 4.2. 가장 중요한 급성 및 지연 증상과 영향

알려진 바 없습니다.

### 4.3. 즉시 필요한 의학적 주의사항 및 특별한 처치 지침

증상에 따라 치료하십시오.

기타 의사의 주의사항

이 물질 안전 보건자료를 지참하십시오.

## 5: 폭발·화재시 대처방법

### 5.1. 소화제

해당사항 없음.

### 5.2. 물질 또는 혼합물로부터 발생하는 특별한 위험

압력용기. 화재가 발생하거나 가열될 경우 압력이 증가하여 용기가 폭발할 수 있습니다.

화재 시 짙은 연기가 발생합니다. 연소 제품에 노출되면 건강에 해를 줄 수 있습니다. 화재에 노출된 밀폐 용기는 물로 식혀야 합니다. 소화수가 하수 시스템 및 인근 지표수에 유입되지 않도록 하십시오.

제품이 예를 들어 화재와 같은 고온에 노출되면 위험한 분해 화합물이 생성됩니다. 예:

탄소 산화물 (CO / CO2)

일부 금속 산화물

### 5.3. 화재 진압에 대한 조언

접촉 방지를 위해 자급식 호흡 장비 및 보호복을 착용하십시오. 직접 노출 시 추가 조언을 얻기 위해 응급의료센터(119)에 연락하십시오.

## 6: 누출 사고 시 대처방법

- 6.1. 인체를 보호하기 위해 필요한 조치 사항 및 보호구**  
특히 밀폐된 공간에서는 환기가 적절히 되도록 하십시오.  
오염된 부분은 미끄러울 수 있습니다.
- 6.2. 환경을 보호하기 위해 필요한 조치사항**  
호수, 개울, 하수구 등으로 배출하지 마십시오.  
허가받지 않은 사람이 누출물로부터 멀리 떨어지게 하십시오.
- 6.3. 정화 또는 제거 방법**  
유출물을 모래나 흙, 질석, 규조토와 같은 불연성, 흡수성 물질에 모아 담아 현지 규정에 따라 폐기 가능한 용기에 담으십시오.  
가능한 일반적인 세척제로 세척합니다. 용제 사용을 피하십시오.
- 6.4. 기타 항목에대한 참조**  
폐기물 처리와 관련하여 13 '폐기시 주의사항' 섹션을 참조하십시오.  
보호 조치는 8 '노출방지 및 개인보호구' 섹션을 참조하십시오.

## 7: 취급 및 저장방법

- 7.1. 안전취급요령**  
압력용기 ; 사용 후에도 구멍을 뚫거나 태우지 마시오.  
작업 구역에서는 흡연, 음주 및 음식 섭취가 금지됩니다.  
개인 보호에 대한 정보는 '노출방지 및 개인보호구' 섹션을 참조하십시오.
- 7.2. 안전한 저장 방법(피해야 할 조건을 포함함)**  
개봉한 용기는 누출을 방지하기 위해 조심스럽게 다시 밀봉하고 똑바로 세워야 합니다.  
권장되는 보관재료:  
원래의 용기에만 보관하십시오.  
보관 조건:  
건조하고 시원하며 통풍이 잘 됨  
피해야 할 물질:  
강산, 강염기, 강력한산화제 및 강력한 환원제
- 7.3. 구체적 사용 용도**  
이 제품은 섹션 1.2에 인용된 애플리케이션에만 사용해야 합니다.

## 8: 노출방지 및 개인보호구

- 8.1. 제어 변수**  
Aluminium oxide  
장시간 노출 한계(8시간) (mg/m<sup>3</sup>): 10  
  
Isopropylalcohol  
장시간 노출 한계(8시간) (ppm): 200  
단시간 노출 한계(15분) (ppm): 400  
  
Ethanol, ethyl alcohol  
장시간 노출 한계(8시간) (mg/m<sup>3</sup>): 1,9 (알코올 음주에 한정함) (Limited to alcohol consumption)  
장시간 노출 한계(8시간) (ppm): 1  
  
화학물질 및 물리적 인자의 노출기준  
고용노동부 (한국, 8/2016).
- 8.2. 노출 관리**

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

주어진 작업장 노출 한도 값을 준수하는지 정기적으로 통제해야 합니다.

일반 권장 사항:

작업 구역에서는 흡연, 음주 및 음식 섭취가 금지됩니다.

노출 시나리오:

이 제품에 대해 구현된 노출 시나리오가 없습니다.

노출 허용치:

전문 사용자는 작업장 노출에 대해 법적으로 설정된 최대 농도의 적용을 받습니다. 위의 산업 위생 한계 값을 참조하십시오.

적절한 공학적 관리:

수증기 발생은 최소 수준 및 현 한도값 이하로 유지하여야 한다(위 내용 참조). 작업 공간에 정상적인 공기의 흐름이 부족한 경우, 로컬 배기 시스템 설치를 권장한다. 비상 눈세척 및 샤워를 명확하게 표시하도록 한다.

제품 사용시 표준 예방 조치에 따른다. 수증기 흡입을 피한다.

위생상 주의사항:

제품 사용 도중 및 작업 종료시 신체의 모든 노출 부위를 철저히 세척해야 합니다. 손, 팔뚝, 얼굴을 특히 주의하십시오.

환경 노출 관리:

특정한 요구 사항 없음.

개인 보호 조치

일반:

KC 마크 보호 장비만 사용하십시오.

호흡기 보호:

유형	등급	색상	표준
의도한 대로 사용하면 특별하지 않습니다			

신체 보호:

추천	타입/범주	표준
의도한 대로 사용하면 특별하지 않습니다	-	-

손 보호:

작업 상황	물질	장갑 두께 (mm)	들파 시간 (분)	표준
	의도한 대로 사용하면 특별하지 않습니다	-	-	-
긴 시간 노출 또는 높은 농도인 경우	면/니트릴 고무	-	> 240	EN374-2, EN16523-1, EN388



눈/안면 보호구:

유형	표준
의도한 대로 사용하면 특별하지 않습니다	-

## 9: 물리화학적 특성

### 9.1. 물리화학적 특성에 관한 정보

물리적 상태:

액체

색:

화이트

냄새:

향수의

냄새 역치 (ppm):

자료 없음.

pH:

ca. 9

비중 (g/cm<sup>3</sup>):

1.06 (20 °C)

점도:

자료 없음.

ca 1000 mPa.s (20 °C)

입자 특성:

액체에 사용하지 마십시오.

위상 변화

녹는점/어는점 (°C):

자료 없음.

액체에 사용하지 마십시오.

초기 끓는점과 끓는점 범위 (°C):

자료 없음.

증기압:

자료 없음.

증기밀도:

자료 없음.

분해 온도 (°C):

자료 없음.

화재 및 폭발 위험에 관한 데이터

인화점 (°C):

자료 없음.

인화성 (°C):

자료 없음.

자연발화 온도 (°C):

자료 없음.

인화 또는 폭발 범위의 상한/하한 (% v/v):

자료 없음.

용해도

물 용해도:

자료 없음.

분배계수 (LogKow):

자료 없음.

지방 용해도(g/L):

자료 없음.

9.2. 그 밖의 참고사항

기타 물리적 및 화학적 매개변수:

자료 없음.

산화성:

자료 없음.

## 10: 안정성 및 반응성

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

- 10.1. 반응성**  
자료 없음.
- 10.2. 화학적 안정성**  
이 제품은 '취급 및 저장방법' 섹션에 명시된 조건에서 안정적입니다.
- 10.3. 유해 반응의 가능성**  
알려진 바 없습니다.
- 10.4. 피해야 할 조건**  
알려진 바 없습니다.
- 10.5. 피해야 할 물질**  
강산, 강염기, 강력한산화제 및 강력한 환원제
- 10.6. 분해시 생성되는 유해물질**  
정상적인 보관 및 사용 조건에서 위험한 분해 산물이 생성되어서는 안 됩니다.

## 11: 독성에 관한 정보

### 11.1. 독성 영향에 관한 정보

#### 급성 독성

제품/성분	Aluminium oxide
생물종:	쥐
노출 경로:	흡입했을 때
시험:	LC50
결과:	> 5 mg/L

제품/성분	Aluminium oxide
생물종:	쥐
노출 경로:	경구
결과:	> 5000 mg/kg

제품/성분	Isopropylalcohol
생물종:	쥐
노출 경로:	경구
시험:	LD50
결과:	>2000 mg/kg

제품/성분	Isopropylalcohol
생물종:	토끼
노출 경로:	피부
시험:	LD50
결과:	>2000 mg/kg

제품/성분	Isopropylalcohol
생물종:	쥐
노출 경로:	흡입했을 때
시험:	LC50
결과:	>20

제품/성분	Isopropylalcohol
노출 경로:	경구
시험:	LD50
결과:	5849 mg/kg

제품/성분	Isopropylalcohol
생물종:	쥐
노출 경로:	경구
시험:	LD50

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

결과: 5840 mg/kg

제품/성분: Isopropylalcohol  
생물종: 토끼  
노출 경로: 피부  
시험: LD50  
결과: 12800 mg/kg

제품/성분: Isopropylalcohol  
노출 경로: 흡입했을 때  
시험: LC50  
결과: 301002 mg/L

제품/성분: 2-phenoxyethanol  
생물종: 쥐  
노출 경로: 경구  
시험: LD50  
결과: 1840 mg/kg

제품/성분: 2-phenoxyethanol  
생물종: 토끼  
노출 경로: 피부  
결과: >5000 mg/kg

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

**자극성/부식성**

제품/성분: Isopropylalcohol  
시험 방법: OECD 404  
생물종: 토끼  
기간: 4 hours

제품/성분: 2-phenoxyethanol  
결과: 관찰된 부작용 (부식성)

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

**심한 눈 손상/자극**

제품/성분: Aluminium oxide

제품/성분: Isopropylalcohol  
생물종: 토끼  
결과: 관찰된 부작용 (자극적)

제품/성분: Isopropylalcohol  
시험 방법: OECD 405  
생물종: 토끼  
결과: 관찰된 부작용 (눈에 심한 손상을 일으킴)

제품/성분: 2-phenoxyethanol  
결과: 관찰된 부작용 (눈에 심한 손상을 일으킴)

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

**호흡기 과민성**

제품/성분: Isopropylalcohol  
시험 방법: OECD 406  
생물종: 기니 피그  
결과: 관찰된 부작용 없음 (민감하지 않음)

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

**피부 과민성**

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

제품/성분 Isopropylalcohol  
 생물종: 기니 피그  
 결과: 관찰된 부작용 없음 (민감하지 않음)

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

**생식 세포 변이원성**

제품/성분 Isopropylalcohol  
 결론: 관찰된 부작용 없음

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

**발암성**

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.  
 Isopropylalcohol: 물질은 IARC에 의해 그룹 3로 분류되었습니다.

**생식 독성**

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

**특정 표적장기 독성 (1회 노출)**

제품/성분 Isopropylalcohol  
 노출 경로: 경구

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

**특정 표적장기 독성 (반복 노출)**

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

**흡인 유해성**

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

**만성 징후와 증상**

알려진 바 없습니다.

## 12: 환경에 미치는 영향

**12.1. 독성**

제품/성분 Isopropylalcohol  
 생물종: 물고기, Goudwinde (Leuciscus idus)  
 기간: 48 시간  
 시험: LC50  
 결과: >100 mg/L

제품/성분 Isopropylalcohol  
 생물종: 갑각류, Daphnia magna  
 기간: 48 시간  
 시험: EC50  
 결과: >100 mg/L

제품/성분 Isopropylalcohol  
 생물종: 조류(藻類), Scenedesmus subspicatus  
 기간: 72 시간  
 시험: EC50  
 결과: >100 mg/L

제품/성분 2-phenoxyethanol  
 생물종: 물고기  
 기간: 96 시간  
 시험: LC50  
 결과: >100 mg/L

제품/성분 2-phenoxyethanol  
 생물종: 조류(藻類)

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

기간: 72 시간  
시험: ErC50  
결과: >100 mg/L

제품/성분: 2-phenoxyethanol  
생물종: Daphnia magna  
기간: 48 시간  
시험: EC50  
결과: >100 mg/L

제품/성분: 2-phenoxyethanol  
생물종: 물고기  
시험: NOEC  
결과: 23 mg/L

제품/성분: 2-phenoxyethanol  
생물종: Andere waterorganismen  
기간: 30 minutes  
시험: EC50  
결과: >1000 mg/L

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

#### 12.2. 잔류성 및 분해성

제품/성분: Isopropylalcohol  
결과: 95%  
결론: 쉽게 생분해 가능  
시험: OECD 301 E

제품/성분: 2-phenoxyethanol  
결과: >70  
결론: 쉽게 생분해 가능  
시험: OECD 301 A

#### 12.3. 생물 농축성

제품/성분: Isopropylalcohol  
BCF: <100  
LogKow: <3  
결론: -

제품/성분: 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
결론: -

#### 12.4. 토양 이동성

자료 없음.

#### 12.5. PBT(잔류성, 생물농축성, 독성) 및 vPvB(고잔류성, 고생물농축성) 평가 결과

이 혼합물/제품에는 PBT 및/또는 vPvB로 분류되는 기준을 충족하는 것으로 여겨지는 물질이 포함되어 있지 않습니다.

#### 12.6. 기타 유해 영향

알려진 바 없습니다.

### 13: 폐기시 주의사항

#### 폐기물 처리 방법

제품에는 위험 폐기물에 대한 규정이 적용되지 않습니다.

#### 특정 라벨링

**포장**

제품의 잔류물이 포함된 포장은 제품과 유사하게 폐기해야 합니다.

**14: 운송에 필요한 정보**

	<b>14.1</b> UN번호	<b>14.2</b> 적정 선적명	<b>14.3</b> 범주	<b>14.4</b> PG*	<b>14.5</b> Env**	그 밖의 참고 사항:
ADR	1950	AEROSOLS	수업: 2 라벨: 2.2 분류 코드: 5A	-	아니오	제한된 수량: 1 L 터널 제한 코드: 3 (E) 추가 정보는 아래를 참조해 주십시오.
IMDG	1950	AEROSOLS	수업: 2 라벨: 2.2 분류 코드: 5A	-	아니오	제한된 수량: 1 L EmS: F-D S-U 추가 정보는 아래를 참조해 주십시오.
IATA	1950	AEROSOLS	수업: 2 라벨: 2.2 분류 코드: 5A	-	아니오	추가 정보는 아래를 참조해 주십시오.

\* 포장 그룹

\*\* 환경 유해성

추가 정보

이 제품은 위험물 운송 규정의 범위 내에 있습니다.

ADR / 운송과 관련된 특수 조항, 요구 조건 또는 경고에 대한 정보는 표 A, 섹션 3.2.1을 참조하십시오. 운송 중 사고 또는 사고와 관련된 손상 완화에 대한 서면 지침은 섹션 5.4.3을 참조하십시오.

IMDG / 운송과 관련된 특수 조항, 요구 조건 또는 경고에 대한 정보는 표 A, 섹션 3.2.1을 참조하십시오.

IATA / 운송과 관련된 특수 조항, 요구 조건 또는 경고에 대한 정보는 표 , 섹션 4.2.을 참조하십시오.

**14.6.** 사용자가 운송 또는 운송 수단에 관련해 알 필요가 있거나 필요한 특별한 안전 대책 해당사항 없음.

**14.7. MARPOL 부록 II 및 IBC 코드에 따른 벌크 운송**  
자료 없음.

**15: 법적 규제현황**

**15.1. 물질 또는 혼합물에 관련된 안전, 보건 및 환경 규정/법률**

적용에 대한 제한:  
산업용으로만 사용하십시오.

특정 교육에 대한 요구:  
특정한 요구 사항 없음.

추가 정보:  
해당사항 없음.

중점관리물질:

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

구성 성분이 나와있지 않습니다

KECI:

Aluminium oxide 가 나열되어 있습니다.  
Isopropylalcohol 가 나열되어 있습니다.  
Ethanol, ethyl alcohol 가 나열되어 있습니다.  
2-phenoxyethanol 가 나열되어 있습니다.

출처:

중점관리물질 : 환경부 고시 제2022-79호  
화학물질의 분류·표시 및 물질안전보건자료에 관한 기준 (고용노동부고시 제2023-9호)

## 15.2. 화학 물질 안전성 평가

아니오

## 16: 그 밖의 참고사항

섹션 3에 언급된 H-문구 전문

H225, 고인화성 액체 및 증기.  
H302, 삼키면 유해함.  
H315, 피부에 자극을 일으킴.  
H318, 눈에 심한 손상을 일으킴.  
H319, 눈에 심한 자극을 일으킴.  
H335, 호흡기계 자극을 일으킬 수 있음.  
H336, 졸음 또는 현기증을 일으킬 수 있음.

섹션 1에 언급된 식별된 사용의 전문

알려진 바 없습니다.

약어 및 두문자어

ADN = 내륙 수로에 의한 위험물 국제 운송에 관한 유럽 규정  
ADR = 위험물 국제 도로 운송에 관한 유럽 협약  
ATE = 급성 독성 추정  
BCF = 생물농축 계수  
CAS = 화학논문 초록 서비스  
EINECS = 유럽 기존 상용 화학 물질 목록  
GHS = 화학물질 분류 표시 국제조화시스템  
IARC = 국제암연구기관  
IATA = 국제항공운송 협회  
IMDG = 국제해상위험물  
KECI = 한국 기존 화학 물질 목록  
LogPow = 옥탄올/물 분배 계수의 로그  
MARPOL = 1978년 의정서에 의해 수정된 1973년 해양오염방지협약 ("Marpol"= 해양 오염)  
MoE = 환경부공고  
OECD = 경제협력개발기구  
PBT = 잔류성, 생물농축성, 독성  
RID = 위험물 국제 철도 운송에 관한 규정  
RRN = REACH 등록 번호  
SCL = 에는 특정 농도 한계(SCL)가 있습니다.  
STEL = 단기 노출 한도  
STOT-RE = 특정 대상 장기 독성-반복 노출  
STOT-SE = 특정 대상 장기 독성-단일 노출  
TWA = 시간 가중 평균  
UN = 국제연합  
VOC = 휘발성 유기 화합물  
vPvB = 고잔류성, 고생물농축성

추가 정보

해당사항 없음.

물질 안전 보건자료가 다음에 의해 확인됨



화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

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#### Quality & Compliance

##### 그 밖의 참고사항

변경(마지막 필수 변경에 비례(SDS 버전의 첫 번째 암호, 섹션 1 참조))은 파란색 삼각형으로 표시됩니다.

이 물질 안전 보건자료의 정보는 이 특정 제품(섹션 1 참조)에만 적용되며 다른 화학물질/제품과 함께 사용하면 정확하지 않을 수 있습니다

. 이 물질 안전 보건자료는 실제 제품 사용자에게 전달하시길 권장합니다. 이 물질 안전 보건자료의 정보는 제품 사양으로 사용될 수 없습니다.

국가 언어 : KR-ko

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for KUWAIT according to GHS

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

26/05/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

Contact the local emergency services.  
See section 4 "First aid measures".

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

#### 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

**Hazard statement(s):**

Pressurised container: May burst if heated. (H229)

**Precautionary statement(s):**

**General:**

-

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

**Response:**

-

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

**Disposal:**

-

**Hazardous substances:**

Does not contain any substances required to report

**Additional labelling:**

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**General information:**

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation:**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact:**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion:**

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

**Burns:**

Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medic**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

**5.1. Extinguishing media**

Not applicable.

**5.2. Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures**

Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**6.3. Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

**6.4. Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*  
Keep only in original packaging.

*Storage conditions:*  
Dry, cool and well ventilated

*Incompatible materials:*  
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**7.3. Specific end use(s)**

This product should only be used for applications quoted in section 1.2.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

No substances are listed with an occupational exposure limit.

**8.2. Exposure controls**

Apply general control to prevent unnecessary exposure

*General recommendations:*  
Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*  
There are no exposure scenarios implemented for this product.

*Exposure limits:*  
Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:*  
Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*  
In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*  
No specific requirements.

**Individual protection measures, such as personal protective equipment**

*Generally:*  
Use only CE marked protective equipment.

*Respiratory Equipment:*

Type	Class	Colour	Standards	
No special when used as intended.				

*Skin protection:*

According to GHS Rev. 8, 2019

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Eye protection:*

Type	Standards	
No special when used as intended.	-	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Form:*

Liquid

*Colour:*

White

*Odour:*

Of perfume

*Odour threshold (ppm):*

No data available.

*pH:*

ca. 9

*Density (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematic viscosity:*

No data available.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

### Phase changes

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

*Evaporation rate (n-butylacetate = 100):*

#### **Data on fire and explosion hazards**

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Explosion limits (% v/v):*

No data available.

#### **Solubility**

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

#### **9.2. Other information**

No data available.

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

No data available.

#### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **10.3. Possibility of hazardous reactions**

None known.

#### **10.4. Conditions to avoid**

None known.

#### **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

According to GHS Rev. 8, 2019

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>20

---

Product/substance	isopropyl alcohol
Route of exposure:	Oral
Test:	LD50
Result:	5849 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5840 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	12800 mg/kg

---

Product/substance	isopropyl alcohol
Route of exposure:	Inhalation
Test:	LC50
Result:	301002 mg/L

---

Product/substance	2-phenoxyethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1840 mg/kg

---

Product/substance	2-phenoxyethanol
Species:	Rabbit
Route of exposure:	Dermal
Result:	>5000 mg/kg

Based on available data, the classification criteria are not met.

#### **Skin corrosion/irritation**

Product/substance	isopropyl alcohol
Test method:	OECD 404
Species:	Rabbit
Duration:	4 hours

---

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

#### **Serious eye damage/irritation**

Product/substance	isopropyl alcohol
Species:	Rabbit

According to GHS Rev. 8, 2019

Result:	Adverse effect observed (Irritating)
Product/substance	isopropyl alcohol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Product/substance	isopropyl alcohol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Product/substance	isopropyl alcohol
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Product/substance	isopropyl alcohol
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.  
isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Product/substance	isopropyl alcohol
Route of exposure:	Oral

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Long term effects

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Product/substance	isopropyl alcohol
Species:	Fish, Goudwinde (Leuciscus idus)
Duration:	48 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Crustacean, Daphnia magna
Duration:	48 hours

According to GHS Rev. 8, 2019

Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, Scenedesmus subspicatus  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Daphnia magna  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC  
Result: 23 mg/L

Product/substance 2-phenoxyethanol  
Species: Andere waterorganismen  
Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

### 12.3. Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

According to GHS Rev. 8, 2019

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Product is not covered by regulations on dangerous waste.

#### Specific labelling

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

### **Additional information**

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

## **SECTION 15: REGULATORY INFORMATION**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*Additional information:*

Not applicable.

*Sources:*

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

### **15.2. Chemical safety assessment**

No

## **SECTION 16: OTHER INFORMATION**

### **Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

H336, May cause drowsiness or dizziness.

### **The full text of identified uses as mentioned in section 1**

None known.

### **Abbreviations and acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NFPA = National Fire Protection Association  
NIOSH = National Institute for Occupational Safety and Health  
OECD = Organisation for Economic Co-operation and Development  
OSHA = Occupational Safety and Health Administration  
PBT = Persistent, Bioaccumulative and Toxic  
RCRA = Resource Conservation and Recovery Act  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SARA = Superfund Amendments and Reauthorization Act  
SCL = A specific concentration limit.  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TSCA = The Toxic Substances Control Act  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: KW-en

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for the REPUBLIC OF NORTH MACEDONIA according to GHS

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

26/05/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

Contact the local emergency services.  
See section 4 "First aid measures".

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

#### 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

**Hazard statement(s):**

Pressurised container: May burst if heated. (H229)

**Precautionary statement(s):**

**General:**

-

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

**Response:**

-

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

**Disposal:**

-

**Hazardous substances:**

Does not contain any substances required to report

**Additional labelling:**

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**General information:**

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation:**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact:**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion:**

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

**Burns:**

Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medics**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

**5.1. Extinguishing media**

Not applicable.

**5.2. Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures**

Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**6.3. Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Keep only in original packaging.

*Storage conditions:*

Dry, cool and well ventilated

*Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No substances are listed with an occupational exposure limit.

### 8.2. Exposure controls

Apply general control to prevent unnecessary exposure

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:*

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*

No specific requirements.

### Individual protection measures, such as personal protective equipment

*Generally:*

Use only CE marked protective equipment.

*Respiratory Equipment:*

Type	Class	Colour	Standards	
No special when used as intended.				

*Skin protection:*

According to GHS Rev. 8, 2019

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Eye protection:*

Type	Standards	
No special when used as intended.	-	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Form:*

Liquid

*Colour:*

White

*Odour:*

Of perfume

*Odour threshold (ppm):*

No data available.

*pH:*

ca. 9

*Density (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematic viscosity:*

No data available.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

### Phase changes

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

*Evaporation rate (n-butylacetate = 100):*

#### **Data on fire and explosion hazards**

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Explosion limits (% v/v):*

No data available.

#### **Solubility**

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

#### **9.2. Other information**

No data available.

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

No data available.

#### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **10.3. Possibility of hazardous reactions**

None known.

#### **10.4. Conditions to avoid**

None known.

#### **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

According to GHS Rev. 8, 2019

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>20

---

Product/substance	isopropyl alcohol
Route of exposure:	Oral
Test:	LD50
Result:	5849 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5840 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	12800 mg/kg

---

Product/substance	isopropyl alcohol
Route of exposure:	Inhalation
Test:	LC50
Result:	301002 mg/L

---

Product/substance	2-phenoxyethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1840 mg/kg

---

Product/substance	2-phenoxyethanol
Species:	Rabbit
Route of exposure:	Dermal
Result:	>5000 mg/kg

Based on available data, the classification criteria are not met.

#### **Skin corrosion/irritation**

Product/substance	isopropyl alcohol
Test method:	OECD 404
Species:	Rabbit
Duration:	4 hours

---

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

#### **Serious eye damage/irritation**

Product/substance	isopropyl alcohol
Species:	Rabbit

According to GHS Rev. 8, 2019

Result:	Adverse effect observed (Irritating)
Product/substance	isopropyl alcohol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Product/substance	isopropyl alcohol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Product/substance	isopropyl alcohol
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Product/substance	isopropyl alcohol
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.  
isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Product/substance	isopropyl alcohol
Route of exposure:	Oral

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Long term effects

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Product/substance	isopropyl alcohol
Species:	Fish, Goudwinde (Leuciscus idus)
Duration:	48 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Crustacean, Daphnia magna
Duration:	48 hours

According to GHS Rev. 8, 2019

Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, Scenedesmus subspicatus  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Daphnia magna  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC  
Result: 23 mg/L

Product/substance 2-phenoxyethanol  
Species: Andere waterorganismen  
Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

### 12.3. Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

According to GHS Rev. 8, 2019

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Product is not covered by regulations on dangerous waste.

#### Specific labelling

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

### **Additional information**

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

## **SECTION 15: REGULATORY INFORMATION**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*Additional information:*

Not applicable.

*Sources:*

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

### **15.2. Chemical safety assessment**

No

## **SECTION 16: OTHER INFORMATION**

### **Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

H336, May cause drowsiness or dizziness.

### **The full text of identified uses as mentioned in section 1**

None known.

### **Abbreviations and acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NFPA = National Fire Protection Association  
NIOSH = National Institute for Occupational Safety and Health  
OECD = Organisation for Economic Co-operation and Development  
OSHA = Occupational Safety and Health Administration  
PBT = Persistent, Bioaccumulative and Toxic  
RCRA = Resource Conservation and Recovery Act  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SARA = Superfund Amendments and Reauthorization Act  
SCL = A specific concentration limit.  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TSCA = The Toxic Substances Control Act  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: MK-en

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

*Unique formula identifier (UFI):*

8YFR-ND5E-MUMG-2XW1

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*Revision:*

26/05/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

Emergency: 112 (24h service)

Hospital Malta Mater Dei, Medicines & Poisons information office: +356 2545 6508

See also section 4 "First aid measures".

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP).

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

#### 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

**Signal word:**

Warning

**Hazard statement(s):**

Pressurised container: May burst if heated. (H229)

**Precautionary statement(s):**

**General:**

-

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

**Response:**

-

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

**Disposal:**

-

**Hazardous substances:**

Does not contain any substances required to report

**Additional labelling:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Labelling of contents according to Detergents Regulation (EC) No 648/2004:**

< 5%

- Anionic surfactants
- Non-ionic surfactants
- Perfumes
- Preservation agent (PHENOXYETHANOL)

**2.3. Other hazards**

**Additional warnings:**

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Substances**

Not applicable. This product is a mixture.

**3.2. Mixtures**

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7 REACH: Index No.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6 REACH: Index No.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7 REACH: 01-2119488943-21	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318	

	Index No.: 603-098-00-9		STOT SE 3, H335	
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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

[1] European occupational exposure limit.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet. The doctor can contact Hospital Malta Mater Dei, Medicines & Poisons information office: +356 2545 6508  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact:

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

#### Eye contact:

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

#### Ingestion:

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.  
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

#### Burns:

Not applicable.

### 4.2. Most important symptoms and effects, both acute and delayed

None known.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Not applicable.

### 5.2. Special hazards arising from the substance or mixture

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst. Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure call 112 for emergencies otherwise contact Hospital Malta Mater Dei, Medicines & Poisons information office: +356 2545 6508 in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.  
Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.  
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.  
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### *Recommended storage material:*

Keep only in original packaging.

#### *Storage conditions:*

Dry, cool and well ventilated

#### *Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

butanone;ethyl methyl ketone  
Long term exposure limit (8 hours) (ppm): 200  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 600  
Short term exposure limit (15 minutes) (ppm): 300  
Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 900

Protection Of The Health And Safety Of Workers From The Risks Related To Chemical Agents At Work Regulations, 5th September 2003 (Subsidiary Legislation 424.24)

## DNEL

### 2-phenoxyethanol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects	Dermal	10,42 mg/kg
Long term – Systemic effects - General population	Dermal	20,83 mg/kg
Long term – Systemic effects - Workers	Dermal	34.72 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	5,7 mg/m <sup>3</sup>
Long term – Systemic effects	Inhalation	2,41 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	5,7 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	8,07 mg/m <sup>3</sup>
Long term	Oral	9,23 mg/kg

### ethanol;ethyl alcohol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	206 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	343 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	114 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	380 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	950 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	1900 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	87 mg/kg bw/day

### isopropyl alcohol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	319 mg/kg
Long term – Systemic effects - Workers	Dermal	888 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	89 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	89 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	500 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	26 mg/kg

## PNEC

### 2-phenoxyethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,943 mg/L
Freshwater sediment		7.2366 mg/kg
Marine water		0.0943 mg/L
Marine water sediment		0,7237 mg/kg
Sewage treatment plant		24,8 mg/L
Sewage treatment plant	Single	36 mg/L
Soil		1,26 mg/kg

### ethanol;ethyl alcohol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		960 µg/L
Freshwater sediment		3.6 mg/kg

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Intermittent release (freshwater)		2.75 mg/L
Marine water		790 µg/L
Marine water sediment		2.9 mg/kg
Predators		380-720 mg/kg
Sewage treatment plant		580 mg/L
Soil		630 µg/kg

isopropyl alcohol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		140,9 mg/L
Freshwater sediment		552 mg/kg
Intermittent release		140,9 mg/L
Marine water		140,9 mg/L
Marine water sediment		552 mg/kg
Sewage treatment plant		2251 mg/L
Soil		28 mg/kg

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

*Appropriate technical measures:*

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*

No specific requirements.

## Individual protection measures, such as personal protective equipment

*Generally:*

Use only CE marked protective equipment.

*Respiratory Equipment:*

Type	Class	Colour	Standards
No special when used as intended.			

*Skin protection:*

Recommended	Type/Category	Standards
No special when used as intended.	-	-

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Eye protection:*

Type	Standards	
No special when used as intended.	-	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Physical state:*

Liquid

*Colour:*

White

*Odour / Odour threshold:*

Of perfume

*pH:*

ca. 9

*Density (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematic viscosity:*

No data available.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

#### Phase changes

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

#### Data on fire and explosion hazards

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Lower and upper explosion limit (% v/v):*

No data available.

### Solubility

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

### 9.2. Other information

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Inhalation

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Test: LC50  
Result: >20

Product/substance: isopropyl alcohol  
Route of exposure: Oral  
Test: LD50  
Result: 5849 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 5840 mg/kg

Product/substance: isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: 12800 mg/kg

Product/substance: isopropyl alcohol  
Route of exposure: Inhalation  
Test: LC50  
Result: 301002 mg/L

Product/substance: 2-phenoxyethanol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 1840 mg/kg

Product/substance: 2-phenoxyethanol  
Species: Rabbit  
Route of exposure: Dermal  
Result: >5000 mg/kg

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Product/substance: isopropyl alcohol  
Test method: OECD 404  
Species: Rabbit  
Duration: 4 hours

Product/substance: 2-phenoxyethanol  
Result: Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Product/substance: isopropyl alcohol  
Species: Rabbit  
Result: Adverse effect observed (Irritating)

Product/substance: isopropyl alcohol  
Test method: OECD 405  
Species: Rabbit  
Result: Adverse effect observed (Causes serious eye damage)

Product/substance: 2-phenoxyethanol  
Result: Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

#### **Respiratory sensitisation**

Product/substance isopropyl alcohol  
 Test method: OECD 406  
 Species: Guinea pig  
 Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### **Skin sensitisation**

Product/substance isopropyl alcohol  
 Species: Guinea pig  
 Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### **Germ cell mutagenicity**

Product/substance isopropyl alcohol  
 Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

#### **Carcinogenicity**

Based on available data, the classification criteria are not met.

#### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

#### **STOT-single exposure**

Product/substance isopropyl alcohol  
 Route of exposure: Oral

Based on available data, the classification criteria are not met.

#### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

### **11.2. Information on other hazards**

#### **Long term effects**

None known.

#### **Endocrine disrupting properties**

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

#### **Other information**

isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

## **SECTION 12: ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

Product/substance isopropyl alcohol  
 Species: Fish, Goudwinde (Leuciscus idus)  
 Duration: 48 hours  
 Test: LC50  
 Result: >100 mg/L

Product/substance isopropyl alcohol  
 Species: Crustacean, Daphnia magna  
 Duration: 48 hours  
 Test: EC50  
 Result: >100 mg/L

Product/substance	isopropyl alcohol
Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Algae
Duration:	72 hours
Test:	ErC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Fish
Test:	NOEC
Result:	23 mg/L

Product/substance	2-phenoxyethanol
Species:	Andere waterorganismen
Duration:	30 minutes
Test:	EC50
Result:	>1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance	isopropyl alcohol
Result:	95%
Conclusion:	Readily biodegradable
Test:	OECD 301 E

Product/substance	2-phenoxyethanol
Result:	>70
Conclusion:	Readily biodegradable
Test:	OECD 301 A

### 12.3. Bioaccumulative potential

Product/substance	isopropyl alcohol
BCF:	<100
LogKow:	<3
Conclusion:	-

Product/substance	2-phenoxyethanol
BCF:	0.349
LogKow:	1.2
Conclusion:	-

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.  
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

*EWC code:*

20 01 30 Detergents other than those mentioned in 20 01 29

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

**Additional information**

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

**14.6. Special precautions for user**

Not applicable.

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

## SECTION 15: REGULATORY INFORMATION

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*SEVESO - Categories / dangerous substances:*

Not applicable.

*Regulation on drug precursors:*

butanone;ethyl methyl ketone is included (Category 3)

*REACH, Annex XVII:*

isopropyl alcohol is subject to REACH restrictions (entry 40).

ethanol;ethyl alcohol is subject to REACH restrictions (entry 40).

butanone;ethyl methyl ketone is subject to REACH restrictions (entry 40).

*Labelling of contents according to Detergents Regulation (EC) No 648/2004:*

< 5%

- Anionic surfactants
- Non-ionic surfactants
- Perfumes
- Preservation agent (PHENOXYETHANOL)

*Additional information:*

Not applicable.

*Sources:*

Protection Of Maternity At Work Places Regulations, 1st January 2001 (Subsidiary Legislation 424.11)

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Council Regulation (EC) No 273/2004 on drug precursors.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

**15.2. Chemical safety assessment**

No

## SECTION 16: OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.  
H302, Harmful if swallowed.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H335, May cause respiratory irritation.  
H336, May cause drowsiness or dizziness.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

### Additional information

Not applicable.

### The safety data sheet is validated by

Quality & Compliance

### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.



According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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Country-language: MT-en

## HELAIAN DATA KESELAMATAN

# i.26 kitchen polish (Alu-Air)

## BAHAGIAN 1: PENGENALAN BAHAN KIMIA DAN PEMBEKAL

### 1.1. Pegecam produk

*Nama dagang:*  
i.26 kitchen polish (Alu-Air)

### 1.2. Kegunaan yang disarankan bagi bahan dan sekatan penggunaan

*Penggunaan bahan atau campuran yang dikenal pasti:*  
Detergen dan agen pembersih (termasuk yang berasaskan pelarut)  
Terhad kepada pengguna profesional.

*Penggunaan yang tidak disarankan:*  
Tidak diketahui.

### 1.3. Butiran pembekal helaian data keselamatan

*Butiran syarikat:*  
**Hygeniq B.V.**  
Lenteweg 15  
7532 RV Enschede  
Nederland  
0534282860

*E-mel:*  
info@hygeniq.com

*Tarikh SDS:*  
26/05/2025

*Versi SDS:*  
1.0

### 1.4. Nombor telefon kecemasan

Pusat Racun Kebangsaan (Pulau Pinang): Tel: 04 657 0099 (Isnin-Jumaat 08:10pg - 5:10pg), Tel: 012 430 9499 (Isnin-Jumaat 5:10ptg-10:00mlm ; Hujung minggu & cuti umum 8.10pg - 5.10ptg)  
Lihat seksyen 4: Langkah pertolongan cemas

## BAHAGIAN 2: PENGENALAN BAHAYA

### 2.1. Klasifikasi bahan atau campuran

Aerosol 3; H229, Bekas bertekanan: Mungkin pecah jika dipanaskan.

### 2.2. Unsur label

*Piktogram bahaya:*  
Tidak berkenaan.

*Kata isyarat:*  
Amaran

*Pernyataan bahaya:*  
Bekas bertekanan: Mungkin pecah jika dipanaskan. (H229)

*Pernyataan berjaga-jaga:*

*Am:*

-

*Pencegahan:*

Jauhkan daripada haba/percikan api/nyalaan terbuka/permukaan panas. – Dilarang merokok. (P210)  
Bekas bertekanan: Jangan tebuk atau bakar, walaupun selepas digunakan. (P251)

*Tindakbalas:*

-

*Penyimpanan:*

Lindungi daripada sinaran cahaya matahari. Jangan biarkan bahan terdedah kepada suhu melebihi 50°C/ 122°F. (P410+P412)

*Pelupusan:*

-

*Ramuan berbahaya:*

Tidak mengandungi bahan yang diperlukan untuk dilaporkan

*Pelabelan tambahan:*

Tidak berkenaan.

## BAHAGIAN 3: KOMPOSISI DAN MAKLUMAT MENGENAI RAMUAN BAHAN KIMIA BERBAHAYA

### 3.1. Bahan

Tidak berkenaan. Produk ini ialah sejenis campuran.

### 3.2. Campuran

Produk/bahan	Pengenal pasti	% w/w	Klasifikasi	Nota
Isopropylalcohol	CAS: 67-63-0 EC: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol, ethyl alcohol	CAS: 64-17-5 EC: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS: 122-99-6 EC: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

Lihat teks penuh frasa H dalam seksyen 16. Had pendedahan pekerjaan disenaraikan dalam seksyen 8, jika ini tersedia.

### Maklumat lain

-

## BAHAGIAN 4: LANGKAH-LANGKAH PERTOLONGAN CEMAS

### 4.1. Deskripsi langkah pertolongan cemas

*Am:*

Jika berlaku kemalangan: Hubungi doktor atau jabatan kecemasan - bawa label atau helaian data keselamatan ini. Hubungi doktor jika ragu-ragu mengenai keadaan orang yang cedera atau jika simptom tersebut berterusan. Jangan berikan air atau minuman lain kepada orang yang tidak sedarkan diri.

**Penyedutan:**

Apabila berlaku kesukaran bernafas atau kerengsaan saluran pernafasan: Bawa mangsa ke kawasan berudara segar dan tunggu bersama beliau.

**Terkena kulit:**

Tanggalkan pakaian dan kasut yang tercemar serta merta. Pastikan membasuh kulit dengan teliti dengan air dan sabun. Pembersih kulit boleh digunakan. JANGAN guna pelarut atau pencair.

**Terkena mata:**

Jika terkena mata: Bilas mata dengan air atau air garam (20-30 °C) selama sekurang-kurangnya 5 minit. Keluarkan kanta lekap. Dapatkan bantuan perubatan dan teruskan membilas semasa dalam perjalanan.

**Tertelan:**

Jika mangsa tersebut dalam keadaan sedar, bilas mulutnya dengan air dan tunggu di samping mangsa. Jika berlaku kelesuan, dapatkan nasihat perubatan dengan segera dan bawa helaian data keselamatan atau label daripada produk. Jangan paksa muntah, melainkan jika disyorkan oleh doktor. Minta mangsa bersandar ke hadapan dengan kepala direndahkan untuk mengelakkan penyedutan, atau tercekik pada bahan muntah.

**Terbakar:**

Tidak berkenaan.

**4.2. Simptom dan kesan yang paling penting, kedua-dua akut dan tertunda**

Tidak diketahui.

**4.3. Indikasi bagi sebarang rawatan segera dan rawatan khas yang diperlukan**

Rawat ia mengikut simptom.

**Nota kepada doktor**

Bawa helaian data keselamatan ini atau label

## BAHAGIAN 5: LANGKAH-LANGKAH PEMADAMAN KEBAKARAN

**5.1. Media pemadam kebakaran**

Tidak berkenaan.

**5.2. Bahaya khusus yang timbul daripada bahan atau campuran**

Bekas bertekanan. Dalam kebakaran atau jika dipanaskan, peningkatan tekanan akan berlaku dan bekas tersebut mungkin meletup.

Kebakaran akan mengakibatkan asap tebal. Pendedahan kepada produk pembakaran boleh membahayakan kesihatan anda. Bekas tertutup, yang terdedah kepada kebakaran, hendaklah disejukkan dengan menggunakan air. Jangan biarkan air pemadaman api masuk ke sistem kumbahan dan permukaan perairan berhampiran.

Jika produk terdedah kepada suhu tinggi, cth. jika berlaku kebakaran, sebatian penguraian berbahaya dihasilkan.

Iaitu:

Karbon oksida (CO / CO<sub>2</sub>)

Beberapa oksida logam

**5.3. Nasihat untuk ahli bomba**

Pakai alat pernafasan serba lengkap dan pakaian perlindungan untuk mengelakkan sentuhan. Apabila terdedah secara langsung, hubungi Pusat Racun Kebangsaan (Pulau Pinang) (lihat bahagian 1.4), untuk mendapatkan nasihat lanjut.

Kod Hazchem: Tiada

## BAHAGIAN 6: LANGKAH-LANGKAH PELEPASAN TIDAK SENGAJA

**6.1. Langkah berjaga-jaga peribadi, peralatan pelindung dan prosedur kecemasan**

Pastikan pengudaraan yang mencukupi, terutamanya di kawasan tertutup.

Kawasan tercemar mungkin licin.

**6.2. Langkah berjaga-jaga alam sekitar**

Elakkan pelepasan ke tasik, sungai, pemetung, dll.

Pastikan orang yang tidak dibenarkan berada jauh daripada tumpahan

**6.3. Kaedah dan bahan bagi pembendungan dan pembersihan**

Mengandungi dan mengumpul tumpahan dengan bahan penyerap yang tidak mudah terbakar cth. pasir, tanah, vermikulit atau tanah diatom dan diletakkan dalam bekas untuk dilupuskan mengikut peraturan tempatan. Sekiranya boleh, pembersihan hendaklah dilakukan dengan agen pembersihan biasa. Elakkan penggunaan pelarut.

#### 6.4. Rujukan kepada seksyen lain

Lihat seksyen 13 untuk maklumat tambahan pembuangan.  
Lihat seksyen 8 untuk maklumat kawalan pendedahan dan perlindungan diri.

## BAHAGIAN 7: PENGENDALIAN DAN PENYIMPANAN

### 7.1. Langkah berjaga-jaga bagi pengendalian selamat

Bekas bertekanan: Jangan tebuk atau bakar, walaupun selepas digunakan.  
Merokok, minum dan makan adalah tidak dibenarkan di kawasan kerja.  
Lihat seksyen "Kawalan pendedahan dan perlindungan diri" untuk maklumat mengenai perlindungan peribadi.

### 7.2. Keadaan bagi penyimpanan yang selamat, termasuk apa-apa ketakserasian

Simpan dalam bekas yang bertutup rapat dan simpan di tempat yang dilindungi daripada kelembapan dan cahaya. Bekas mestilah diletakkan tarikh apabila dibuka dan diuji secara berkala untuk kehadiran peroksida. Jangan melebihi had masa penyimpanan.  
Bekas yang telah dibuka mesti ditutup semula dengan teliti dan ditegakkan untuk mencegah kebocoran.

#### *Bahan penyimpanan yang disyorkan:*

Pastikan bahan disimpan hanya di dalam bekas asal.

#### *Keadaan penyimpanan:*

Kering, sejuk dan pengudaraan yang baik

#### *Bahan tidak serasi:*

Asid yang kuat, asas yang kuat, agen pengoksidaan kuat, dan agen pengurangan yang kuat.

### 7.3. Kegunaan akhir yang spesifik

Produk ini hanya boleh digunakan untuk aplikasi yang disebutkan dalam seksyen 1.2

## BAHAGIAN 8: KAWALAN PENDEDAHAN DAN PERLINDUNGAN DIRI

### 8.1. Parameter kawalan

Aluminium oxide  
Had pendedahan jangka panjang (8 jam) ( $\text{mg}/\text{m}^3$ ): 10

Isopropylalcohol  
Had pendedahan jangka panjang (8 jam) (ppm): 400  
Had pendedahan jangka panjang (8 jam) ( $\text{mg}/\text{m}^3$ ): 983

Ethanol, ethyl alcohol  
Had pendedahan jangka panjang (8 jam) (ppm): 1000  
Had pendedahan jangka panjang (8 jam) ( $\text{mg}/\text{m}^3$ ): 1880

PERATURAN-PERATURAN KESELAMATAN DAN KESIHATAN PEKERJAAN (PENGUNAAN DAN STANDARD PENDEDAHAN BAHAN KIMIA BERBAHAYA KEPADA KESIHATAN) 2000

### 8.2. Kawalan-kawalan pendedahan

Pematuhan nilai had pendedahan pekerjaan yang diberikan harus dikawal secara teratur.

#### *Cadangan am:*

Merokok, minum dan makan adalah tidak dibenarkan di kawasan kerja.

#### *Senario pendedahan:*

Tiada senario pendedahan yang dilaksanakan untuk produk ini.

#### *Had pendedahan:*

Pengguna profesional tertakluk kepada kepekatan maksimum yang sah untuk pendedahan pekerjaan. Lihat nilai

had kebersihan pekerjaan di atas.

*Kawalan kejuruteraan yang sesuai:*

Pembentukan wap mesti dikekalkan pada paras minimum dan di bawah nilai had semasa (lihat di atas). Jika aliran udara biasa dalam bilik kerja tidak mencukupi, pemasangan suatu sistem ekzos setempat adalah disyorkan. Pastikan bahawa pencuci mata dan pancuran kecemasan ditandakan dengan jelas. Ambil langkah berjaga-jaga yang biasa semasa penggunaan produk. Elakkan penyedutan wap.

*Langkah-langkah kebersihan:*

Di antara masa penggunaan produk dan sehingga tamat hari bekerja, semua bahagian yang terkena badan mesti dibasuh dengan bersih. Berikan perhatian khusus kepada tangan, bawah lengan dan muka.

*Kawalan pendedahan alam sekitar:*

Tiada keperluan khusus.

**Langkah perlindungan individu, seperti PPE**

*Am:*

Gunakan peralatan perlindungan bertanda CE.

*Perlindungan pernafasan:*

Jenis	Kelas	Warna	Standard	
Tidak khas apabila digunakan seperti yang dimaksudkan				

*Perlindungan kulit:*

Disyorkan	Jenis / Kategori	Standard	
Tidak khas apabila digunakan seperti yang dimaksudkan	-	-	

*Perlindungan tangan:*

Situasi kerja	Bahan	Ketebalan sarung tangan (mm)	Masa penembusan (min.)	Standard	
	Tidak khas apabila digunakan seperti yang dimaksudkan	-	-	-	
Jika pendedahan berpanjangan atau kepekatan tinggi	Kapas/Getah nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Perlindungan mata/muka:*

Jenis	Standard	
Tidak khas apabila digunakan seperti yang dimaksudkan	-	

## BAHAGIAN 9: SIFAT FIZIKAL DAN KIMIA

### 9.1. Maklumat tentang sifat fizikal dan kimia asas

*Rupa:*

Cecair

*Warna:*

Putih

*Bau:*

Minyak wangi

*Ambang bau (ppm):*

Tiada data yang tersedia.

*pH:*

ca. 9

*Ketumpatan (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kelikatan:*

Tiada data yang tersedia.

*Kelikatan dinamik:*

ca 1000 mPa.s (20 °C)

*Ciri-ciri zarah:*

Tidak digunakan pada cecair

**Fasa perubahan**

*Takat lebur/takat beku (°C):*

Tiada data yang tersedia.

*Titik lembut/julat (°C):*

Tidak digunakan pada cecair

*Titik didih/julat didih (°C):*

Tiada data yang tersedia.

*Tekanan Wap:*

Tiada data yang tersedia.

*Ketumpatan Wap:*

Tiada data yang tersedia.

*Suhu pereputan (°C):*

Tiada data yang tersedia.

*Kadar Penyejatan:*

**Data mengenai bahaya kebakaran dan letupan**

*Takat kilat (°C):*

Tiada data yang tersedia.

*Titik pencucuhan (°C):*

Tiada data yang tersedia.

*Suhu penyalaan automatik (°C):*

Tiada data yang tersedia.

*Had mudah meletup (mudah menyala) bawah dan atas (% v/v):*

Tiada data yang tersedia.

**Keterlarutan**

*Kelarutan dalam air:*

Tiada data yang tersedia.

*Pekali Sekatan (LogKow):*

Tiada data yang tersedia.

*Kelarutan dalam lemak (g/L):*

Tiada data yang tersedia.

**9.2. Maklumat lain**

*Parameter fizikal dan kimia yang lain:*

Tiada data yang tersedia.

*Sifat pengoksidaan:*

Tiada data yang tersedia.

## BAHAGIAN 10: KESTABILAN DAN KEREAKTIFAN

### 10.1. Kereaktifan

Tiada data yang tersedia.

### 10.2. Kestabilan kimia

Produk ini stabil di bawah keadaan, yang disebut dalam seksyen 7 "Pengendalian dan penyimpanan".

### 10.3. Kemungkinan tindak balas berbahaya

Tidak diketahui.

### 10.4. Keadaan yang perlu dielak

Tidak diketahui.

### 10.5. Bahan yang tidak serasi

Asid yang kuat, asas yang kuat, agen pengoksidaan kuat, dan agen pengurangan yang kuat.

### 10.6. Produk penguraian berbahaya

Dalam keadaan penyimpanan dan penggunaan yang biasa, produk penguraian berbahaya tidak boleh dihasilkan.

## BAHAGIAN 11: MAKLUMAT TOKSIKOLOGI

### 11.1. Maklumat tentang kesan toksikologi

#### Ketoksikan akut

Produk/bahan	Aluminium oxide
Spesis:	Tikus
Laluan pendedahan:	Penyedutan
Ujian:	LC50
Keputusan:	> 5 mg/L

Produk/bahan	Aluminium oxide
Spesis:	Tikus
Laluan pendedahan:	Oral
Keputusan:	> 5000 mg/kg

Produk/bahan	Isopropylalcohol
Spesis:	Tikus
Laluan pendedahan:	Oral
Ujian:	LD50
Keputusan:	>2000 mg/kg

Produk/bahan	Isopropylalcohol
Spesis:	Arnab
Laluan pendedahan:	Kulit
Ujian:	LD50
Keputusan:	>2000 mg/kg

Produk/bahan	Isopropylalcohol
Spesis:	Tikus
Laluan pendedahan:	Penyedutan
Ujian:	LC50
Keputusan:	>20

Produk/bahan	Isopropylalcohol
Laluan pendedahan:	Oral
Ujian:	LD50
Keputusan:	5849 mg/kg

Berdasarkan Peraturan Keselamatan dan Kesehatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

Produk/bahan	Isopropylalcohol
Spesis:	Tikus
Laluan pendedahan:	Oral
Ujian:	LD50
Keputusan:	5840 mg/kg

Produk/bahan	Isopropylalcohol
Spesis:	Arnab
Laluan pendedahan:	Kulit
Ujian:	LD50
Keputusan:	12800 mg/kg

Produk/bahan	Isopropylalcohol
Laluan pendedahan:	Penyedutan
Ujian:	LC50
Keputusan:	301002 mg/L

Produk/bahan	2-phenoxyethanol
Spesis:	Tikus
Laluan pendedahan:	Oral
Ujian:	LD50
Keputusan:	1840 mg/kg

Produk/bahan	2-phenoxyethanol
Spesis:	Arnab
Laluan pendedahan:	Kulit
Keputusan:	>5000 mg/kg

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

#### **Kakisan/kerengsaan Kulit**

Produk/bahan	Isopropylalcohol
Kaedah ujian:	OECD 404
Spesis:	Arnab
Tempoh:	4 hours

Produk/bahan	2-phenoxyethanol
Keputusan:	Kesan buruk yang diperhatikan (Mengakis)

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

#### **Kerosakan/kerengsaan mata yang serius**

Produk/bahan	Aluminium oxide
--------------	-----------------

Produk/bahan	Isopropylalcohol
Spesis:	Arnab
Keputusan:	Kesan buruk yang diperhatikan (Merengsakan)

Produk/bahan	Isopropylalcohol
Kaedah ujian:	OECD 405
Spesis:	Arnab
Keputusan:	Kesan buruk yang diperhatikan (Menyebabkan kerosakan mata yang serius)

Produk/bahan	2-phenoxyethanol
Keputusan:	Kesan buruk yang diperhatikan (Menyebabkan kerosakan mata yang serius)

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

#### **Pemekaan pernafasan**

Produk/bahan	Isopropylalcohol
Kaedah ujian:	OECD 406
Spesis:	Argus

Berdasarkan Peraturan Keselamatan dan Kesihatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

Keputusan: Tiada kesan buruk yang diperhatikan (tidak memekatkan)

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

#### **Pemekaan kulit**

Produk/bahan Isopropylalcohol

Spesis: Argus

Keputusan: Tiada kesan buruk yang diperhatikan (tidak memekatkan)

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

#### **Kemutagenan sel germa**

Produk/bahan Isopropylalcohol

Kesimpulan: Tiada kesan buruk yang diperhatikan

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

#### **Kekarsinogenan**

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Isopropylalcohol: Bahan ini dikelaskan oleh IARC sebagai kumpulan 3.

#### **Ketoksikan pembiakan**

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

#### **Ketoksikan organ sasaran khusus (pendedahan tunggal)**

Produk/bahan Isopropylalcohol

Laluan pendedahan: Oral

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

#### **Ketoksikan organ sasaran khusus (pendedahan berulang)**

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

#### **Bahaya aspirasi**

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

#### **Kesan Jangka Panjang**

Tidak diketahui.

## **BAHAGIAN 12: MAKLUMAT EKOLOGI**

### **12.1. Ketoksikan**

Produk/bahan Isopropylalcohol  
Spesis: Ikan, Goudwinde (*Leuciscus idus*)  
Tempoh: 48 jam  
Ujian: LC50  
Keputusan: >100 mg/L

Produk/bahan Isopropylalcohol  
Spesis: Krustasia, *Daphnia magna*  
Tempoh: 48 jam  
Ujian: EC50  
Keputusan: >100 mg/L

Produk/bahan Isopropylalcohol  
Spesis: Alga, *Scenedesmus subspicatus*  
Tempoh: 72 jam  
Ujian: EC50  
Keputusan: >100 mg/L

Produk/bahan 2-phenoxyethanol  
Spesis: Ikan  
Tempoh: 96 jam  
Ujian: LC50  
Keputusan: >100 mg/L

Berdasarkan Peraturan Keselamatan dan Kesihatan Pekerjaan (Klasifikasi, Pelabelan dan Lembaran Data Keselamatan Bahan Kimia Berbahaya) 2013

Produk/bahan	2-phenoxyethanol
Spesis:	Alga
Tempoh:	72 jam
Ujian:	ErC50
Keputusan:	>100 mg/L

Produk/bahan	2-phenoxyethanol
Spesis:	Daphnia magna
Tempoh:	48 jam
Ujian:	EC50
Keputusan:	>100 mg/L

Produk/bahan	2-phenoxyethanol
Spesis:	Ikan
Ujian:	NOEC
Keputusan:	23 mg/L

Produk/bahan	2-phenoxyethanol
Spesis:	Andere waterorganismen
Tempoh:	30 minutes
Ujian:	EC50
Keputusan:	>1000 mg/L

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

#### 12.2. Ketegaran dan keterdegradan

Produk/bahan	Isopropylalcohol
Keputusan:	95%
Kesimpulan:	Mudah terbiodegradasi
Ujian:	OECD 301 E

Produk/bahan	2-phenoxyethanol
Keputusan:	>70
Kesimpulan:	Mudah terbiodegradasi
Ujian:	OECD 301 A

#### 12.3. Keupayaan biopengumpulan

Produk/bahan	Isopropylalcohol
BCF:	<100
LogKow:	<3
Kesimpulan:	-

Produk/bahan	2-phenoxyethanol
BCF:	0.349
LogKow:	1.2
Kesimpulan:	-

#### 12.4. Mobiliti dalam tanah

Tiada data yang tersedia.

#### 12.5. Keputusan taksiran PBT dan vPvB

Campuran/produk ini tidak mengandungi sebarang bahan yang dianggap memenuhi kriteria yang mengklasifikasikannya sebagai PBT dan/atau vPvB.

#### 12.6. Kesan memudaratkan yang lain

Tidak diketahui.

## BAHAGIAN 13: MAKLUMAT PELUPUSAN

### Kaedah rawatan bahan buangan

Produk tidak dilindungi oleh peraturan mengenai sisa berbahaya.

#### Pelabelan spesifik

#### Bahan Pembungkusan Tercemar

Pembungkusan yang mengandungi residu produk mesti dilupuskan sama dengan produk tersebut.

### BAHAGIAN 14: MAKLUMAT PENGANGKUTAN

	14.1 No. U.N.	14.2 Nama penghantaran betul	14.3 Kelas	14.4 PG*	14.5 Env**	Maklumat lain:
ADR	1950	AEROSOLS	Kelas: 2 Kelas bahaya pengangkutan: 2.2 Kod klasifikasi: 5A	-	Tidak	Kuantiti terhad: 1 L Kod sekatan terowong: 3 (E) Sila lihat di bawah untuk maklumat tambahan.
IMDG	1950	AEROSOLS	Kelas: 2 Kelas bahaya pengangkutan: 2.2 Kod klasifikasi: 5A	-	Tidak	Kuantiti terhad: 1 L EmS: F-D S- U Sila lihat di bawah untuk maklumat tambahan.
IATA	1950	AEROSOLS	Kelas: 2 Kelas bahaya pengangkutan: 2.2 Kod klasifikasi: 5A	-	Tidak	Sila lihat di bawah untuk maklumat tambahan.

\* Kumpulan Pembungkusan

\*\* Bahaya Alam Sekitar

#### Maklumat tambahan

Produk ini berada dalam lingkungan peraturan pengangkutan barang berbahaya.

ADR / Rujuk Jadual A, Bahagian 3.2.1 untuk sebarang maklumat tentang peruntukan, keperluan atau amaran khas berkaitan pengangkutan. Lihat bahagian 5.4.3 untuk arahan secara bertulis tentang pengurangan kerosakan yang berkaitan dengan insiden atau kemalangan semasa pengangkutan.

IMDG / Lihat Bahagian 3.2.1 untuk sebarang maklumat tentang peruntukan, keperluan atau amaran khas berkaitan pengangkutan.

IATA / Lihat Jadual 4.2 untuk sebarang maklumat tentang peruntukan, keperluan atau amaran khas berkaitan pengangkutan.

Kod Hazchem: Tiada

#### 14.6. Langkah berjaga-jaga khas untuk pengguna

Tidak berkenaan.

#### 14.7. Pengangkutan secara pukal menurut Lampiran II MARPOL dan Kod IBC

Tiada data yang tersedia.

## BAHAGIAN 15: MAKLUMAT PENGAWALSELIAAN

### 15.1. Peraturan/undang-undang keselamatan, kesihatan dan alam sekitar yang khusus bagi bahan atau campuran

*Sekatan untuk penggunaan:*

Terhad kepada pengguna profesional.

*Keperluan untuk pendidikan khusus:*

Tiada keperluan khusus.

*Kawalan terhadap bahaya kemalangan besar dalam perindustrian:*

Tidak berkenaan.

*Maklumat tambahan:*

Tidak berkenaan.

*Sistem Pengurusan Maklumat Kimia (CIMS):*

Aluminium oxide disenaraikan  
Isopropylalcohol disenaraikan  
Ethanol, ethyl alcohol disenaraikan  
2-phenoxyethanol disenaraikan

*Sumber:*

AKTA KESELAMATAN DAN KESIHATAN PEKERJAAN 1994  
Peraturan-peraturan Keselamatan dan Kesihatan Pekerjaan (Pengelasan, Pelabelan dan Helaiian Data Keselamatan Bahan Kimia Berbahaya) [2013 P.U. (A) 310.]  
Tataamalan Industri pada Pengelasan Bahan Kimia dan Komunikasi Hazard (ICOP)

### 15.2. Penilaian keselamatan kimia

Tidak

## BAHAGIAN 16: MAKLUMAT LAIN

### Teks penuh frasa H seperti yang dinyatakan dalam seksyen 3

H225, Cecair dan wap amat mudah terbakar.  
H302, Memudaratkan jika tertelan.  
H318, Menyebabkan kerosakan mata yang serius.  
H319, Menyebabkan kerengsaan mata yang serius.  
H335, Boleh menyebabkan kerengsaan pernafasan.  
H336, Boleh menyebabkan mengantuk atau kepeningan.

### Teks penuh penggunaan yang dikenalpasti seperti dinyatakan dalam seksyen 1

Tidak diketahui.

### Singkatan dan akronim

ADN = Peruntukan Eropah mengenai Pengangkut Barang Antarabangsa Berbahaya melalui Jalan Air Pedalaman  
ADR = Perjanjian Eropah mengenai Pengangkutan Antarabangsa Barangan Berbahaya melalui Jalan Raya  
ATE = Anggaran Ketoksikan Akut  
BCF = Faktor Biokonsentrasi  
CAS = Perkhidmatan Abstrak Kimia  
EINECS = - Inventori Eropah Bagi Bahan Kimia Komersial Sedia Ada  
GHS = Sistem Terharmoni Global Bagi Pengelasan dan Pelabelan Bahan Kimia  
IARC = Agensi Antarabangsa Penyelidikan Mengenai Kanser  
IATA = Persatuan Pengangkutan Udara Antarabangsa  
IMDG = Barangan Berbahaya Maritim Antarabangsa  
LogPow = logaritma pekali partisi oktanol/air  
MARPOL = Konvensyen Antarabangsa untuk Pencegahan Pencemaran dari Kapal, 1973 seperti yang diubahsuaikan oleh Protokol 1978. ("Marpol" = pencemaran marin)  
OECD = Pertubuhan Kerjasama Ekonomi dan Pembangunan

RID = Peraturan-peraturan bagi Pengangkutan Antarabangsa Barangan Berbahaya oleh Kereta Api  
SCL = Mempunyai had kepekatan tertentu.  
STEL = Had pendedahan jangka pendek  
STOT-RE = Ketoksikan Organ Sasaran Khusus - Pendedahan Berulang  
STOT-SE = Ketoksikan Organ Sasaran Khusus - Pendedahan Tunggal  
TWA = Purata wajaran masa  
UN = Bangsa-Bangsa Bersatu  
VOC = Kompaun Organik Meruap

**Maklumat tambahan**

Tidak berkenaan.

**Lembaran data keselamatan disahkan oleh**

Quality & Compliance

**Maklumat lain**

Perubahan (berkadaran dengan perubahan penting yang terakhir (sifer pertama dalam versi SDS, lihat seksyen 1)) ditandakan dengan segitiga.

Maklumat dalam helaian data keselamatan ini hanya terpakai kepada produk tertentu ini (disebutkan dalam seksyen 1) dan tidak semestinya betul jika digunakan dengan bahan kimia/produk lain.

Adalah disyorkan untuk menyerahkan helaian data keselamatan ini kepada pengguna produk yang sebenarnya.

Maklumat dalam helaian data keselamatan ini tidak boleh digunakan sebagai spesifikasi produk.

Negara-bahasa: MY-ms

VEILIGHEIDSINFORMATIEBLAD

## i.26 kitchen polish (Alu-Air)

### RUBRIEK 1: IDENTIFICATIE VAN DE STOF OF HET MENGSEL EN VAN DE VENNOOTSCHAP/ONDERNEMING

#### 1.1. Productidentificatie

*Handelsnaam:*

i.26 kitchen polish (Alu-Air)

*Unieke formule-identificatie (UFI):*

8YFR-ND5E-MUMG-2XW1

#### 1.2. Relevant geïdentificeerd gebruik van de stof of het mengsel en ontraden gebruik

*Relevant geïdentificeerd gebruik van de stof of het mengsel:*

Was- en reinigingsmiddelen (inclusief op oplosmiddelbasis)

Uitsluitend voor gebruik door professionele gebruiker.

*Ontraden gebruik :*

Niet bekend.

#### 1.3. Details betreffende de verstrekker van het veiligheidsinformatieblad

*Firmanaam en adres:*

**Hygeniq B.V.**

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

*E-mailadres:*

info@hygeniq.com

*Herziening:*

26-05-2025

*SDS-versie:*

1.0

#### 1.4. Telefoonnummer voor noodgevallen

Bij ongeval met dit product neemt contact op met uw arts of de spoeddiensten van het plaatselijke ziekenhuis. Artsen en medisch personeel kunnen met NVIC contact opnemen: Tel: +31 (0)88 755 8000 (bereikbaar 24/7). Het telefoonnummer is uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen. Zie rubriek 4 over eerstehulpmaatregelen.

### RUBRIEK 2: IDENTIFICATIE VAN DE GEVAREN

Geclassificeerd overeenkomstig Voorschrift (EC) Nr. 1272/2008 (CLP).

#### 2.1. Indeling van de stof of het mengsel

Aerosol 3; H229, Houder onder druk: kan open barsten bij verhitting.

#### 2.2. Etiketteringselementen

*Gevarenpictogram(men):*

Niet van toepassing.

**Signaalwoord:**

Waarschuwing

**Gevarenaanduidingen:**

Houder onder druk: kan open barsten bij verhitting. (H229)

**Veiligheidsaanbevelingen:**

**Algemeen:**

-

**Preventie:**

Verwijderd houden van warmte, hete oppervlakken, vonken, open vuur en andere ontstekingsbronnen. Niet roken. (P210)

Ook na gebruik niet doorboren of verbranden. (P251)

**Reactie:**

-

**Opslag:**

Tegen zonlicht beschermen. Niet blootstellen aan temperaturen boven 50 °C/122°F. (P410+P412)

**Verwijdering:**

-

**Stoffen waarvoor meldingsplicht geldt:**

Bevat geen informatieplichtige stoffen

**Andere opmerkingen:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004:**

< 5%

- Anionogene oppervlakreactieve stoffen
- Niet-ionogene oppervlakreactieve stoffen
- Parfums
- Conserveermiddel (PHENOXYETHANOL)

### 2.3. Andere gevaren

**Overig:**

Dit mengsel/product bevat geen stoffen die aan de criteria voldoen om ze als PBT en/of zPzB te classificeren.

Dit product bevat geen stoffen die worden beschouwd als hormoonverstorende stoffen volgens de criteria van Gedelegeerde Verordening (EU) 2017/2100 van de Commissie of Verordening (EU) 2023/707 van de Commissie.

## RUBRIEK 3: SAMENSTELLING EN INFORMATIE OVER DE BESTANDDELEN

### 3.1. Stoffen

Niet van toepassing. Dit product is een mengsel.

### 3.2. Mengsels

Product / ingrediënt	Identificatiemogelijkheden	% w/w	Classificatie	Opm.
isopropylalcohol	CAS Nr.: 67-63-0 EG Nr: 200-661-7 REACH: Catalogusnr.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethylalcohol	CAS Nr.: 64-17-5 EG Nr: 200-578-6 REACH: Catalogusnr.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoxyethanol	CAS Nr.: 122-99-6	<1%	Acute Tox. 4, H302 (ATE: 1394,00)	

	EG Nr: 204-589-7 REACH: 01-2119488943-21 Catalogusnr.: 603-098-00-9		mg/kg Eye Dam. 1, H318 STOT SE 3, H335	
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De volledige tekst van de gevarenaanduidingen staat in rubriek 16. Arbeidshygiënische grenswaarden zijn genoemd in rubriek 8, voor zover ze van toepassing zijn.

#### Andere informatie

-

## RUBRIEK 4: EERSTEHULPMAATREGELEN

### 4.1. Beschrijving van de eerstehulpmaatregelen

#### *Algemeen:*

Bij ongelukken: Contacteer een arts of het : Tel: +31 (0)88 755 8000 (bereikbaar 24/7). Neem het etiket van het product of dit veiligheidsblad mee.  
Het telefoonnummer is uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen. Bij aanhoudende symptomen of twijfel over de toestand van het slachtoffer moet er een arts ingeschakeld worden. Geef een bewusteloze persoon nooit water of iets dergelijks.

#### *Bij inademen:*

Als men moeilijkheden vaststelt tijdens de ademhaling of irritatie van de luchtwegen: Breng de persoon naar buiten en houd hem in de gaten.

#### *Bij huidcontact:*

Verwijder verontreinigde kleding en schoenen. Huid, die in contact is geweest met het materiaal grondig wassen met water en zeep, eventueel huidreinigingsmiddel gebruiken. Gebruik GEEN oplosmiddelen of verduuners.

#### *Bij oogcontact:*

Bij contact met de ogen: Spoel direct met water (20-30 °C) gedurende minstens 5 minuten. Verwijder eventuele contactlenzen. Ga naar de dokter.

#### *Bij inslikken:*

Als de persoon bij bewustzijn is, spoel dan de mond met water en blijf bij de persoon. Neem direct contact op met de dokter als de persoon zich niet goed voelt en neem dit veiligheidsblad mee of het etiket van het product. Lok het braken, niet uit, behalve als de arts dat adviseert. Laat het hoofd naar voor zakken zodat eventueel braaksel niet terugloopt in mond en hals.

#### *Bij verbranding:*

Niet van toepassing.

### 4.2. Belangrijkste acute en uitgestelde symptomen en effecten

Niet bekend.

### 4.3. Vermelding van eventueel noodzakelijke onmiddellijke medische verzorging en speciale behandeling

Symptomatisch behandelen.

#### Informatie voor de arts

Neem dit veiligheidsblad met of het etiket van het materiaal gegevens mee.

## RUBRIEK 5: BRANDBESTRIJDINGSMAATREGELEN

### 5.1. Blusmiddelen

Niet van toepassing.

### 5.2. Speciale gevaren die door de stof of het mengsel worden veroorzaakt

Houder onder druk. Bij brand of verhitting zal de druk toenemen en kan de verpakking barsten. Brand zal dichte rook ontwikkelen. Blootstelling aan afbraakproducten kan een gevaar voor de gezondheid opleveren. Gesloten houders die blootgesteld worden aan vuur, afkoelen met water. Laat het bluswater niet in riolering of waterleiding weglopen.

Als het product wordt blootgesteld aan hoge temperaturen, bv. in situaties van brand, kunnen er gevaarlijke afbraakproducten ontstaan. Deze zijn:

Carbonoxiden (CO / CO<sub>2</sub>)  
Enkele metaaloxiden

### 5.3. Advies voor brandweerlieden

Normaal beschermkleding en volledige ademhalingsbescherming. Bij direct contact met de chemicaliën Artsen en medisch personeel met NVIC contact opnemen: Tel: +31 (0)88 755 8000 (bereikbaar 24/7)

## RUBRIEK 6: MAATREGELEN BIJ HET ACCIDENTEEL VRIJKOMEN VAN DE STOF OF HET MENGSEL

### 6.1. Persoonlijke voorzorgsmaatregelen, beschermingsmiddelen en noodprocedures

Zorg voor voldoende ventilatie, vooral in afgesloten ruimten.  
Verontreinigde gebieden kunnen glad zijn.

### 6.2. Milieuvorzorgsmaatregelen

Voorkom weglopen naar meren, rivieren, riolering, e.d.  
Houd onbevoegden uit de buurt van het gemorste product.

### 6.3. Insluitings- en reinigingsmethoden en -materiaal

Verzamel gemorst materiaal met onbrandbaar, absorberend materiaal, bijvoorbeeld zand, aarde, vermiculiet of diatomeeënaarde en doe het in een container voor verwijdering volgens de lokale voorschriften.  
Schoonmaken wordt voor zover mogelijk met schoonmaakmiddelen gedaan. Vermijd oplosmiddelen.

### 6.4. Verwijzing naar andere rubrieken

Zie het rubriek "Instructies voor verwijdering" over hoe om te gaan met afval.  
Zie het rubriek over 8 "Maatregelen ter beheersing van blootstelling/persoonlijke bescherming" voor beschermingsregelingen.

## RUBRIEK 7: HANTERING EN OPSLAG

### 7.1. Voorzorgsmaatregelen voor het veilig hanteren van de stof of het mengsel

Ook na gebruik niet doorboren of verbranden.  
Roken, eten en drinken is niet toegestaan in arbeidslokalen.  
Zie de rubriek "Maatregelen ter beheersing van blootstelling/persoonlijke bescherming" voor informatie over persoonlijke bescherming.

### 7.2. Voorwaarden voor een veilige opslag, met inbegrip van incompatibele producten

Bewaren in nauw afgesloten containers en beschermen tegen vocht en licht. Containers moeten worden voorzien van de datum en periodiek geopend en getest op de aanwezigheid van peroxiden. U mag de uiterste bewaartermijnen niet overschrijden.

Containers die zijn geopend dienen zorgvuldig te worden afgesloten en rechtop te worden opgeslagen om lekkage te voorkomen.

#### *Compatibele verpakkingen:*

Uitsluitend in de oorspronkelijke verpakking bewaren.

#### *Opslag condities:*

Droog, koel en goed geventileerd

#### *Chemisch op elkaar inwerkende materialen:*

Sterke zuren, sterke basen, sterke oxidatiemiddelen en sterke reductiemiddelen.

### 7.3. Specifiek eindgebruik

Dit product mag alleen worden gebruikt voor de doeleinden zoals beschreven in rubriek 1.2.

## RUBRIEK 8: MAATREGELEN TER BEHEERSING VAN BLOOTSTELLING/PERSOONLIJKE BESCHERMING

### 8.1. Controleparameters

ethanol;ethylalcohol

Kortdurende blootstelling grenswaarde (TGG 15 min) (mg/m<sup>3</sup>): 1900

Grenswaarde (TGG 8 uur) (mg/m<sup>3</sup>): 260

Opmerkingen:

H = Opgenomen via de huid.

Bijlage XIII behorend bij de Arbeidsomstandighedenregeling. Lijst van wettelijke grenswaarden.

ethanol;ethylalcohol staat vermeld op de nationale lijst (SZW-lijst) van stoffen waarvan wordt verdacht dat ze kanker veroorzaken

SZW-lijst met kankerverwekkende stoffen en processen, mutagene of voor de voortplanting giftige stoffen, Ministerie van Sociale Zaken en Werkgelegenheid (2022 nr. 17428).

### DNEL

2-fenoxyethanol

Duur:	Blootstellingsroute:	DNEL:
Lange termijn - Lokale effecten - Arbeiders	Inademing	5,7 mg/m <sup>3</sup>
Lange termijn - Systemische effecten	Inademing	2,41 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Arbeiders	Inademing	5,7 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Arbeiders	Inademing	8,07 mg/m <sup>3</sup>
Lange termijn	Oraal	9,23 mg/kg
Lange termijn - Systemische effecten	Via de huid	10,42 mg/kg
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	20,83 mg/kg
Lange termijn - Systemische effecten - Arbeiders	Via de huid	34,72 mg/kg bw/dag

ethanol;ethylalcohol

Duur:	Blootstellingsroute:	DNEL:
Korte termijn - Lokale effecten - Algehele populatie	Inademing	950 mg/m <sup>3</sup>
Korte termijn - Lokale effecten - Arbeiders	Inademing	1900 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Algehele populatie	Inademing	114 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Arbeiders	Inademing	380 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Algehele populatie	Oraal	87 mg/kg bw/dag
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	206 mg/kg bw/dag
Lange termijn - Systemische effecten - Arbeiders	Via de huid	343 mg/kg bw/dag

isopropylalcohol

Duur:	Blootstellingsroute:	DNEL:
Lange termijn - Systemische effecten - Algehele populatie	Inademing	89 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Algehele populatie	Inademing	89 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Arbeiders	Inademing	500 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Algehele populatie	Oraal	26 mg/kg
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	319 mg/kg
Lange termijn - Systemische effecten - Arbeiders	Via de huid	888 mg/m <sup>3</sup>

### PNEC

2-fenoxyethanol

Blootstellingsroute:	Blootsteldingsduur:	PNEC:

Aarde		1,26 mg/kg
Afvalwaterzuiveringsinstallatie		24,8 mg/L
Afvalwaterzuiveringsinstallatie	Enkelvoudig	36 mg/L
Zeewater		0.0943 mg/L
Zeewatersediment		0,7237 mg/kg
Zoet water		0,943 mg/L
Zoetwatersediment		7.2366 mg/kg

ethanol;ethylalcohol

Blootstellingsroute:	Blootstellingsduur:	PNEC:
Aarde		630 µg/kg
Afvalwaterzuiveringsinstallatie		580 mg/L
Intermitterende vrijlating (zoet water)		2.75 mg/L
Predatoren		380-720 mg/kg
Zeewater		790 µg/L
Zeewatersediment		2.9 mg/kg
Zoet water		960 µg/L
Zoetwatersediment		3.6 mg/kg

isopropylalcohol

Blootstellingsroute:	Blootstellingsduur:	PNEC:
Aarde		28 mg/kg
Afvalwaterzuiveringsinstallatie		2251 mg/L
Intermitterende vrijlating		140,9 mg/L
Zeewater		140,9 mg/L
Zeewatersediment		552 mg/kg
Zoet water		140,9 mg/L
Zoetwatersediment		552 mg/kg

## 8.2. Maatregelen ter beheersing van blootstelling

Naleving van de aangegeven grenswaarden dient regelmatig gecontroleerd te worden.

*Algemene gedragslijnen:*

Roken, eten en drinken is niet toegestaan in arbeidslokalen.

*Blootstellingsscenario's:*

Er zijn geen blootstellingsscenario's geïmplementeerd voor dit product.

*Blootstellingslimieten:*

Beroepsmatige gebruikers vallen onder de regels van de arbeidsomstandighedenwet betreffende maximum concentratie van exponering. Zie de arbeidshygiënische grenswaarden hierboven.

*Technische maatregelen:*

De ontwikkeling van dampen moet zo beperkt mogelijk blijven en in elk geval onder de aangegeven grenswaarden (zie hoger). Een lokaal afzuigstelsel is aan te raden als de ventilatie in het lokaal ontoereikend is. Zorg ervoor dat oogspoelmiddel en een doucheslang in geval van nood duidelijk aangegeven zijn.

Wees voorzichtig bij het gebruik van het product. Vermijd de inademing van dampen.

*Hygiënische maatregelen:*

Tijdens elke pauze in het gebruik van het product en na werktijd moeten geëxponeerde lichaamsdelen afgewassen worden. Let vooral op handen, onderarmen en gezicht.

*Beheersing van milieublootstelling:*

Geen bijzondere eisen.

## Individuele beschermingsmaatregelen, zoals persoonlijke beschermingsmiddelen

**Algemeen:**

Gebruik alleen beschermingsapparatuur met het CE-keurmerk.

**Luchtwegen:**

Type	Klasse	Kleur	Standaard	
Geen bijzondere bij normaal doelbewust gebruik.				

**Huid en lichaam:**

Aanbevolen	Type/Categorie	Normen	
Geen bijzondere bij normaal doelbewust gebruik	-	-	

**Handen:**

Werksituatie	Materiaal	Minimale laagdikte (mm)	Doorbraaktijd (min.)	Normen	
	Geen bijzondere bij normaal doelbewust gebruik	-	-	-	
In het geval van een lange blootstelling of hoge concentraties	Katoen / Nitril handschoenen	-	> 240	EN374-2, EN16523-1, EN388	

**Ogen:**

Type	Normen	
Geen bijzondere bij normaal doelbewust gebruik.	-	

## RUBRIEK 9: FYSISCHE EN CHEMISCHE EIGENSCHAPPEN

### 9.1. Informatie over fysische en chemische basiseigenschappen

**Fysische toestand:**

Vloeibaar

**Kleur:**

Wit

**Geur / Geurdrempelwaarde (ppm):**

Van parfum

**pH:**

ca. 9

**Soortelijk gewicht (g/cm<sup>3</sup>):**

1,06 (20 °C)

**Kinematische viscositeit:**

Geen gegevens beschikbaar.

**Dynamische viscositeit:**

ca 1000 mPa.s (20 °C)

**Deeltjeskenmerken:**

Niet van toepassing op vloeistoffen.

### Toestandsverandering en damp

**Smeltpunt/vriespunt (°C):**

Geen gegevens beschikbaar.

*Verwekingspunt/verwekingstraject (°C):*  
Niet van toepassing op vloeistoffen.

*Kookpunt (°C):*  
Geen gegevens beschikbaar.

*Dampdruk:*  
Geen gegevens beschikbaar.

*Relatieve dampdichtheid:*  
Geen gegevens beschikbaar.

*Ontledingstemperatuur (°C):*  
Geen gegevens beschikbaar.

#### **Data voor brand- en explosiegevaar**

*Vlampunt (°C):*  
Geen gegevens beschikbaar.

*Ontvlambaarheid (°C):*  
Geen gegevens beschikbaar.

*Zelfontbrandingstemperatuur (°C):*  
Geen gegevens beschikbaar.

*Ontploffingsgrenzen (% v/v):*  
Geen gegevens beschikbaar.

#### **Oplosbaarheid**

*Oplosbaarheid in water:*  
Geen gegevens beschikbaar.

*n-octanol/water coëfficiënt (LogKow):*  
Geen gegevens beschikbaar.

*Oplosbaarheid in vet (g/L):*  
Geen gegevens beschikbaar.

#### **9.2. Overige informatie**

*Andere fysische en chemische parameters:*  
Geen gegevens beschikbaar.

*Oxiderende eigenschappen:*  
Geen gegevens beschikbaar.

## **RUBRIEK 10: STABILITEIT EN REACTIVITEIT**

#### **10.1. Reactiviteit**

Geen gegevens beschikbaar.

#### **10.2. Chemische stabiliteit**

Het product is stabiel onder de voorwaarden die genoemd zijn in de rubriek 7 "Hantering en opslag".

#### **10.3. Mogelijke gevaarlijke reacties**

Niet bekend.

#### **10.4. Te vermijden omstandigheden**

Niet bekend.

#### **10.5. Chemisch op elkaar inwerkende materialen**

Sterke zuren, sterke basen, sterke oxidatiemiddelen en sterke reductiemiddelen.

#### **10.6. Gevaarlijke ontledingsproducten**

Bij normale omstandigheden van opslag en gebruik, zouden gevaarlijke ontledingsproducten niet moeten worden geproduceerd.

## RUBRIEK 11: TOXICOLOGISCHE INFORMATIE

### 11.1. Informatie over gevarenklassen als omschreven in Verordening (EG) nr. 1272/2008

#### Acute toxiciteit

Product / ingrediënt isopropylalcohol  
Soorten: Rat  
Blootstellingsroute: Oraal  
Test: LD50  
Resultaat: >2000 mg/kg

Product / ingrediënt isopropylalcohol  
Soorten: Konijn  
Blootstellingsroute: Via de huid  
Test: LD50  
Resultaat: >2000 mg/kg

Product / ingrediënt isopropylalcohol  
Soorten: Rat  
Blootstellingsroute: Inademing  
Test: LC50  
Resultaat: >20

Product / ingrediënt isopropylalcohol  
Blootstellingsroute: Oraal  
Test: LD50  
Resultaat: 5849 mg/kg

Product / ingrediënt isopropylalcohol  
Soorten: Rat  
Blootstellingsroute: Oraal  
Test: LD50  
Resultaat: 5840 mg/kg

Product / ingrediënt isopropylalcohol  
Soorten: Konijn  
Blootstellingsroute: Via de huid  
Test: LD50  
Resultaat: 12800 mg/kg

Product / ingrediënt isopropylalcohol  
Blootstellingsroute: Inademing  
Test: LC50  
Resultaat: 301002 mg/L

Product / ingrediënt 2-fenoxyethanol  
Soorten: Rat  
Blootstellingsroute: Oraal  
Test: LD50  
Resultaat: 1840 mg/kg

Product / ingrediënt 2-fenoxyethanol  
Soorten: Konijn  
Blootstellingsroute: Via de huid  
Resultaat: >5000 mg/kg

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### Huidcorrosie/-irritatie

Product / ingrediënt isopropylalcohol

Testmethode: OESO 404  
Soorten: Konijn  
Duur: 4 uur

---

Product / ingrediënt 2-fenoxyethanol  
Resultaat: Schadelijke effecten waargenomen (Corrosief)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Ernstig oogletsel/oogirritatie**

Product / ingrediënt isopropylalcohol  
Soorten: Konijn  
Resultaat: Schadelijke effecten waargenomen (Irriterend)

---

Product / ingrediënt isopropylalcohol  
Testmethode: OESO 405  
Soorten: Konijn  
Resultaat: Schadelijke effecten waargenomen (Veroorzaakt ernstig oogletsel)

---

Product / ingrediënt 2-fenoxyethanol  
Resultaat: Schadelijke effecten waargenomen (Veroorzaakt ernstig oogletsel)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Sensibilisatie van de luchtwegen**

Product / ingrediënt isopropylalcohol  
Testmethode: OESO 406  
Soorten: Cavia  
Resultaat: Geen schadelijke effecten waargenomen (niet sensibiliserend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Sensibilisatie van de huid**

Product / ingrediënt isopropylalcohol  
Soorten: Cavia  
Resultaat: Geen schadelijke effecten waargenomen (niet sensibiliserend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Mutageniteit in geslachtscellen**

Product / ingrediënt isopropylalcohol  
Conclusie: Geen schadelijke effecten waargenomen

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Kankerverwekkend**

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Giftigheid voor de voortplanting**

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **STOT bij eenmalige blootstelling**

Product / ingrediënt isopropylalcohol  
Blootstellingsroute: Oraal

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **STOT bij herhaalde blootstelling**

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Gevaar bij inademing**

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

### **11.2. Informatie over andere gevaren**

#### **Effecten op lange termijn**

Niet bekend.

#### **Hormoonontregelende eigenschappen**

Dit mengsel/product bevat geen stoffen die worden beschouwd als het hebben van hormoonverstorende

eigenschappen met betrekking tot de gezondheid.

### Overige informatie

isopropylalcohol: De stof is geclassificeerd als groep 3 door IARC.

## RUBRIEK 12: ECOLOGISCHE INFORMATIE

### 12.1. Toxiciteit

Product / ingrediënt isopropylalcohol  
Soorten: Vis, Goudwinde (*Leuciscus idus*)  
Duur: 48 uur  
Test: LC50  
Resultaat: >100 mg/L

Product / ingrediënt isopropylalcohol  
Soorten: Schaaldier, *Daphnia magna*  
Duur: 48 uur  
Test: EC50  
Resultaat: >100 mg/L

Product / ingrediënt isopropylalcohol  
Soorten: Algen, *Scenedesmus subspicatus*  
Duur: 72 uur  
Test: EC50  
Resultaat: >100 mg/L

Product / ingrediënt 2-fenoxyethanol  
Soorten: Vis  
Duur: 96 uur  
Test: LC50  
Resultaat: >100 mg/L

Product / ingrediënt 2-fenoxyethanol  
Soorten: Algen  
Duur: 72 uur  
Test: ErC50  
Resultaat: >100 mg/L

Product / ingrediënt 2-fenoxyethanol  
Soorten: *Daphnia magna*  
Duur: 48 uur  
Test: EC50  
Resultaat: >100 mg/L

Product / ingrediënt 2-fenoxyethanol  
Soorten: Vis  
Test: NOEC  
Resultaat: 23 mg/L

Product / ingrediënt 2-fenoxyethanol  
Soorten: Andere waterorganismen  
Duur: 30 minuten  
Test: EC50  
Resultaat: >1000 mg/L

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

### 12.2. Persistentie en afbreekbaarheid

Product / ingrediënt isopropylalcohol  
Resultaat: 95%  
Conclusie: Gemakkelijk biologisch afbreekbaar

Test: OESO 301 E

Product / ingrediënt 2-fenoxyethanol  
 Resultaat: >70  
 Conclusie: Gemakkelijk biologisch afbreekbaar  
 Test: OESO 301 A

### 12.3. Bioaccumulatie

Product / ingrediënt isopropylalcohol  
 BCF: <100  
 LogKow: <3  
 Conclusie: -

Product / ingrediënt 2-fenoxyethanol  
 BCF: 0.349  
 LogKow: 1.2  
 Conclusie: -

### 12.4. Mobiliteit in de bodem

Geen gegevens beschikbaar.

### 12.5. Resultaten van PBT- en zPzB-beoordeling

Dit mengsel/product bevat geen stoffen die aan de criteria voldoen om ze als PBT en/of zPzB te classificeren.

### 12.6. Hormoonontregelende eigenschappen

Dit mengsel/product bevat geen stoffen die worden beschouwd als het hebben van endocrien-verstorende eigenschappen met betrekking tot het milieu.

### 12.7. Andere schadelijke effecten

Niet bekend.

## RUBRIEK 13: INSTRUCTIES VOOR VERWIJDERING

### 13.1. Afvalverwerkingsmethoden

Het product valt niet onder de regels voor gevaarlijk afval.  
 Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.

*Euralcode:*

20 01 30 Niet onder 20 01 29 vallende detergenten

### Verontreinigde emballage

Verpakking met restinhoud van het product wegwerken volgens dezelfde voorwaarden als het product.

## RUBRIEK 14: INFORMATIE MET BETREKKING TOT HET VERVOER

	14.1 VN	14.2 Juiste ladingnaam van de VN	14.3 Transportgevaarklasse(n)	14.4 PG*	14.5. Env**	Andere informatie:
ADR	1950	AEROSOLS	Klasse: 2 Etiketten: 2.2 Classificatiecode: 5A	-	Nee	Gelimiteerde hoeveelheden: 1 L Code voor beperkingen in tunnels: 3 (E) Zie hieronder voor meer informatie.
IMDG	1950	AEROSOLS	Klasse: 2	-	Nee	Gelimiteerde

	14.1 VN	14.2 Juiste ladingnaam van de VN	14.3 Transportgevaarenklasse(n)	14.4 PG*	14.5. Env**	Andere informatie:
			Etiketten: 2.2 Classificatiecode: 5A			hoeveelheden: 1 L EmS: F-D S-U Zie hieronder voor meer informatie.
IATA	1950	AEROSOLS	Klasse: 2 Etiketten: 2.2 Classificatiecode: 5A	-	Nee	Zie hieronder voor meer informatie.

\* Verpakkingsgroep

\*\* Milieugevaren

#### Overig

Het product valt onder de conventies voor gevaarlijke goederen.

ADR / Zie tabel A, rubriek 3.2.1, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer. Zie rubriek 5.4.3, voor schriftelijke instructies betreffende het beperken van schade in verband met incidenten of ongevallen tijdens het vervoer.

IMDG / Zie rubriek 3.2.1, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer.

IATA / Zie tabel 4.2, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer.

#### 14.6. Bijzondere voorzorgen voor de gebruiker

Niet van toepassing.

#### 14.7. Zeevervoer in bulk overeenkomstig IMO-instrumenten

Geen gegevens beschikbaar.

## RUBRIEK 15: REGELGEVING

### 15.1. Specifieke veiligheids-, gezondheids- en milieureglementen en -wetgeving voor de stof of het mengsel

#### Beperkingen bij gebruik:

Uitsluitend voor gebruik door professionele gebruiker.

#### Eisen t.o.v. speciale opleidingen:

Geen bijzondere eisen.

#### SEVESO - Gevaaren categorieën / Gevaarlijke stoffen:

Niet van toepassing.

#### REACH, Bijlage XVII:

isopropylalcohol is onderworpen aan REACH-restricties (Vermelding nr. 40).

ethanol;ethylalcohol is onderworpen aan REACH-restricties (Vermelding nr. 40).

#### Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004:

< 5%

- Anionogene oppervlakreactieve stoffen
- Niet-ionogene oppervlakreactieve stoffen
- Parfums
- Conserveermiddel (PHENOXYETHANOL)

#### Overig:

Niet van toepassing.

#### Bronnen:

Arbeidsomstandighedenwet 1998 en laatste Arbeidsomstandighedenbesluit 01-01-2021.

Verordening (EG) nr. 648/2004 van het Europees Parlement en de Raad van 31 maart 2004 betreffende detergentia.

Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.  
Verordening (EG) nr. 1272/2008 van het Europees Parlement en de Raad van 16 december 2008 betreffende de indeling, etikettering en verpakking van stoffen en mengsels (CLP).  
Verordening (EG) nr. 1907/2006 van het Europees Parlement en de Raad van 18 december 2006 inzake de registratie en beoordeling van en de autorisatie en beperkingen ten aanzien van chemische stoffen (REACH).

## 15.2. Chemischeveiligheidsbeoordeling

Nee

## RUBRIEK 16: OVERIGE INFORMATIE

### De volledige tekst van de H-zinnen genoemd in rubriek 3

H225, Licht ontvlambare vloeistof en damp.  
H302, Schadelijk bij inslikken.  
H318, Veroorzaakt ernstig oogletsel.  
H319, Veroorzaakt ernstige oogirritatie.  
H335, Kan irritatie van de luchtwegen veroorzaken.  
H336, Kan slaperigheid of duizeligheid veroorzaken.

### Afkortingen en acroniemen

ADN = Europese wetgeving met betrekking tot het vervoer van gevaarlijke goederen over binnewateren  
ADR = Europese overeenkomst met betrekking tot het vervoer van gevaarlijke goederen over de weg  
ATE = Acute toxiciteitsbeoordeling  
BCF = Bioconcentratie Factor  
CAS = Chemical Abstracts Service  
CE = Conformité européenne  
CLP = Indeling, etikettering en verpakking van stoffen en mengsels [Verordening (EG) No. 1272/2008]  
CSA = Chemische Veiligheidsbeoordeling  
CSR = rapporten over de chemische veiligheid (CSR - Chemical Safety Reports)  
DNEL = De afgeleide dosis zonder effect  
EAC = Europese Afval Catalogoog  
EINECS = European INventory of Existing Commercial Substances  
ES = blootstellingsscenario  
EUH zin = CLP-specifieke gevaarszin  
EuPCS = Europees productindelingssysteem  
GHS = Globaal geharmoniseerd systeem voor indeling, kenmerking en etikettering van chemische stoffen en mengsels  
GWP = Aardopwarmingsvermogen  
IATA = Internationaal Lucht Transport Vereniging  
IBC = Tussentijdse bulk container  
IMDG = Internationaal Maritiem Transport voor Gevaarlijke goederen  
LogPow = Logaritme van de octaan/water partitie coëfficiënt  
MARPOL = Internationale conventie voor de preventie van vervuiling door schepen, 1973 en aangepast door het protocol van 1978. ("Marpol" = zee vervuילend)  
OESO = Organisatie voor Economische Samenwerking en Ontwikkeling  
PBT = Persistent, Bioaccumulatief en Toxisch  
PNEC = Voorspelde geen effect concentratie  
RID = Regelgeving met betrekking tot het vervoer van gevaarlijke goederen over het spoor  
RRN = REACH registratie nummer  
SCL = Specifieke concentratielimiet.  
SVHC = Zeer zorgwekkende stoffen  
STOT-RE = specifieke doelorgaantoxiciteit - herhaalde blootstelling  
STOT-SE = specifieke doelorgaantoxiciteit - enkelvoudige blootstelling  
TGG = Tijd gewogen gemiddelde  
UVBC = Stoffen van onbekende of variabele samenstelling, complexe reactieproducten of biologische materialen.  
VN = Verenigde Naties  
VOS = Vluchtige Organische Stoffen  
zPzB = zeer Persistent en zeer Bioaccumulatief

### Overig

Niet van toepassing.

**Het veiligheidsinformatieblad is gevalideerd door**

Quality & Compliance

**Overig**

Veranderingen ten opzichte van de vorige belangrijke revisie (eerste cijfer in de SDS-versie, zie rubriek 1) van dit veiligheidsinformatieblad zijn gemarkeerd met een driehoek.

De inlichtingen in dit veiligheidsinformatieblad gelden alleen voor het product genoemd in rubriek 1 en hoeven niet te gelden bij gebruik samen met andere producten.

Het is aan te bevelen dit veiligheidsinformatieblad af te geven aan de eigenlijke gebruiker van het product. De genoemde informatie dient niet als productspecificatie.

Land-taal: NL-nl

## SIKKERHETSDATABLAD

# i.26 kitchen polish (Alu-Air)

## AVSNITT 1: IDENTIFIKASJON AV STOFFET/STOFFBLANDINGEN OG AV SELSKAPET/FORETAKET

### 1.1. Produktidentifikator

*Handelsnavn:*

i.26 kitchen polish (Alu-Air)

*Unik Formular Identifikasjon (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Relevante identifiserte bruksområder for stoffet eller stoffblandingen og bruk som frarådes

*Aktuelle identifiserte anvendelser for stoffet eller blandingen:*

Vaske- og rengjøringsmidler (inkludert løsemiddelbasert)  
Bare for yrkesbrukere.

*Ikke tilrådde anvendelser:*

Ingen kjente

### 1.3. Opplysninger om leverandøren av sikkerhetsdatabladet

*Selskapsopplysninger:*

**Hygeniq B.V.**

Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-post:*

info@hygeniq.com

*Revidert:*

26.05.2025

*SDS Versjon:*

1.0

### 1.4. Nødtelefonnummer

Nødsituasjon: Ring 113, be om giftinformasjonen. Åpent 24 timer i døgnet.

Giftinformasjonen på tlf.nr.: +47 22 59 13 00

Se avsnitt 4 om 'Førstehjelpstiltak'

## AVSNITT 2: FAREIDENTIFIKASJON

Klassifisert i henhold til CLP-forskriften.

### 2.1. Klassifisering av stoffet eller stoffblandingen

Aerosol 3; H229, Beholder under trykk: Kan eksplodere ved oppvarming.

### 2.2. Merkingselementer

*Farepiktogram:*

Ikke relevant.

**Varselord:**

Advarsel

**Faresetninger:**

Beholder under trykk: Kan eksplodere ved oppvarming. (H229)

**Sikkerhetssetning(er):**

**Generelt:**

-

**Forebygging:**

Holdes borte fra varme, varme overflater, gnister, åpen flamme og andre antenningskilder. Røyking forbudt. (P210)

Må ikke punkteres eller brennes, selv ikke etter bruk. (P251)

**Tiltak:**

-

**Oppbevaring:**

Beskyttes mot sollys. Må ikke utsettes for temperaturer høyere enn 50 °C /122 °F. (P410+P412)

**Disponering:**

-

**Inneholder:**

Inneholder ingen opplysningspliktige stoffer

**Annen merkning:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Etikettering av innhold i overensstemmelse med produktforskriften:**

< 5%

- Anioniske overflateaktive stoffer
- Ikke-ioniske overflateaktive stoffer
- Parfyme
- Konserveringsmiddel (PHENOXYETHANOL)

**2.3. Andre farer**

**Annet:**

Blandingen/produktet inneholder ikke noen stoffer som oppfyller kriteriene som klassifiserer dem som PBT og/eller vPvB.

Produktet inneholder ingen stoffer som er vurdert til å være hormonforstyrrende i henhold til kriteriene i kommisjonens delegerede forordning (EU) 2017/2100 eller kommisjonsforordning (EU) 2023/707.

**AVSNITT 3: SAMMENSETNING / OPPLYSNINGER OM BESTANDDELER**

**3.1. Stoffer**

Ikke relevant. Dette produktet er en stoffblanding.

**3.2. Stoffblandinger**

Produkt/bestanddel	Identifikatorer	% w/w	Klassifisering	Anm.
Isopropylalcohol	CAS-nr.: 67-63-0 EF-nr.: 200-661-7 REACH: Indeksnr.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol, ethyl alcohol	CAS-nr.: 64-17-5 EF-nr.: 200-578-6 REACH: Indeksnr.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS-nr.: 122-99-6	<1%	Acute Tox. 4, H302 (ATE: 1394,00)	

	EF-nr.: 204-589-7 REACH: 01-2119488943-21 Indeksnr.: 603-098-00-9		mg/kg Eye Dam. 1, H318 STOT SE 3, H335	
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Se avsnitt 16 for de fullstendige H-setningene det vises til ovenfor. Tiltaks- og grenseverdier, hvis tilgjengelig, er oppført i avsnitt 8.

#### Annen informasjon

-

## AVSNITT 4: FØRSTEHJELPSTILTAK

### 4.1. Beskrivelse av førstehjelpstiltak

#### Generelt:

Ved uhell: Kontakt lege eller legevakt - ta med etiketten eller dette sikkerhetsdatabladet.

Ved vedvarende symptomer eller ved tvil om den skaddes tilstand skal det søkes legehjelp. Gi aldri en bevisstløs person vann eller lignende.

#### Innånding:

Ved pustevansker eller irritasjon i luftveiene: Ta personen ut i frisk luft og hold personen under oppsyn.

#### Hudkontakt:

Tilsølt tøy og sko fjernes. Hud som har vært i kontakt med materialet vaskes grundig med vann og såpe.

Hudrensemiddel kan brukes. Bruk IKKE løsemidler eller fortynnere.

#### Øyekontakt:

Ved kontakt med øynene: Skyll straks med vann (20-30 °C) i minst 5 minutter. Fjern evt. kontaktlinser. Oppsøk lege.

#### Svelging:

Hvis personen er ved bevissthet, skyll munnen med vann og hold personen under oppsyn. Gi aldri personen noe å drikke.

Ved illebefinnende: Kontakt lege omgående og ta med dette sikkerhetsdatabladet eller etiketten fra produktet.

Ikke fremkall brekninger, med mindre legen anbefaler det. Senk hodet, slik at evt. oppkast ikke vil renne ned i munnen og halsen.

#### Forbrenning:

Ikke relevant.

### 4.2. De viktigste symptomene og virkningene, både akutte og forsinkede

Ingen kjente

### 4.3. Angivelse av om umiddelbar legehjelp og spesialbehandling er nødvendig

Behandles symptomatisk.

### Merknader til lege

Ta med dette sikkerhetsdatabladet eller etiketten fra materialet.

## AVSNITT 5: BRANNSLOKKINGSTILTAK

### 5.1. Slökkingsmidler

Ikke relevant.

### 5.2. Særlige farer knyttet til stoffet eller stoffblandingen

Beholder under trykk. Under brann eller ved oppvarming vil det oppstå en overtrykk og beholderen kan revne.

Brann vil utvikle tett røyk. Det kan utgjøre helsefare å bli utsatt for nedbrytningsprodukter. Lukkede beholdere som utsettes for ild, avkjøles med vann. La ikke vann fra brannsløkking renne ut i kloakk og vannløp.

Hvis produktet utsettes for høye temperaturer, f.eks. i tilfelle brann, kan det dannes farlige nedbrytningsprodukter.

Disse er:

Karbonoksider (CO / CO<sub>2</sub>)

Noen metalloksider

### 5.3. Råd til brannmannskaper

Brannslukningspersonell skal bruke egnet verneutstyr og selvforsynt åndedrettsvern med full ansiktsmaske.

## AVSNITT 6: TILTAK VED UTILSIKTEDE UTSLIPP

### 6.1. Personlige forsiktighetsregler, personlig verneutstyr og nødrutiner

Sørg for egnet ventilasjon, spesielt i lukkede områder.  
Områder med spill kan være glatte.

### 6.2. Forsiktighetsregler med hensyn til miljø

Unngå utledning til sjøer, bekker, kloakker mm.  
Hold uvedkommende borte fra fareområdet.

### 6.3. Metoder og materialer for oppsamling og rensing

Utslipp begrenses og samles opp med brannfast, absorberende materiale som f.eks. sand, jord, vermikulitt eller kiselgur og has i en beholder for forskriftsmessig avfallshåndtering.  
Rengjøring foretas så langt som det er mulig med rengjøringsmidler. Løsemidler bør unngås.

### 6.4. Henvisning til andre avsnitt

Se avsnitt 13 "Sluttbehandling" om håndtering av avfall.  
Se avsnitt 8 "Eksponeringskontroll/personlig verneutstyr" for beskyttelsesforanstaltninger.

## AVSNITT 7: HÅNTERING OG LAGRING

### 7.1. Forsiktighetsregler for sikker håndtering

Må ikke punkteres eller brennes, selv ikke etter bruk.  
Røking, inntak av mat og drikke er ikke tillatt i arbeidsområdet.  
Se avsnitt 8 'Eksponeringskontroll / personlig verneutstyr' for opplysning om personlig beskyttelse.

### 7.2. Vilkår for sikker lagring, herunder eventuelle uforenligheter

Skal oppbevares i tette beholdere og bort fra lys og fuktighet. Beholdere skal datomerkes når de åpnes og periodisk testes for forekomst av peroksider. Ikke overskrid tidsgrensene for oppbevaring.  
Åpnede beholdere må lukkes forsvarlig og oppbevares stående for å unngå lekkasje.

#### *Egnet emballasje:*

Oppbevares bare i originalemballasjen.

#### *Oppbevaringsbetingelser:*

Tørt, kjølig og godt ventilert

#### *Uforenlige materialer:*

Sterke syrer, sterke baser, sterke oksideringsmidler og sterke reduksjonsmidler.

### 7.3. Særlig(e) sluttanvendelse(r)

Dette produktet bør bare brukes til formål som beskrevet i avsnitt 1.2.

## AVSNITT 8: EKSPONERINGSKONTROLL / PERSONLIG VERNEUTSTYR

### 8.1. Kontrollparametere

Aluminium oxide  
Grenseverdi (8 timer) (mg/m<sup>3</sup>): 10

Isopropylalcohol  
Grenseverdi (8 timer) (mg/m<sup>3</sup>): 245  
Grenseverdi (8 timer) (ppm): 100

Ethanol, ethyl alcohol  
Grenseverdi (8 timer) (mg/m<sup>3</sup>): 950  
Grenseverdi (8 timer) (ppm): 500

Forskrift om tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i arbeidsmiljøet samt smitterisikogrupper

for biologiske faktorer (forskrift om tiltaks- og grenseverdier). FOR-2011-12-06-1358. Sist endret: FOR-2024-04-05-581.

## DNEL

### 2-phenoxyethanol

Varighet:	Opptaksvei:	DNEL:
Langsiktig – Systemiske effekter	Dermal	10,42 mg/kg
Langsiktig – Systemiske effekter - Arbeidere	Dermal	34,72 mg/kg bw/day
Langsiktig – Systemiske effekter - Befolkningen generelt	Dermal	20,83 mg/kg
Langsiktig – Lokaleffekter - Arbeidere	Innånding	5,7 mg/m <sup>3</sup>
Langsiktig – Systemiske effekter	Innånding	2,41 mg/m <sup>3</sup>
Langsiktig – Systemiske effekter - Arbeidere	Innånding	5,7 mg/m <sup>3</sup>
Langsiktig – Systemiske effekter - Arbeidere	Innånding	8,07 mg/m <sup>3</sup>
Langsiktig	Oral	9,23 mg/kg

### Ethanol, ethyl alcohol

Varighet:	Opptaksvei:	DNEL:
Langsiktig – Systemiske effekter - Arbeidere	Dermal	343 mg/kg bw/day
Langsiktig – Systemiske effekter - Befolkningen generelt	Dermal	206 mg/kg bw/day
Kortsiktig – Lokaleffekter - Arbeidere	Innånding	1900 mg/m <sup>3</sup>
Kortsiktig – Lokaleffekter - Befolkningen generelt	Innånding	950 mg/m <sup>3</sup>
Langsiktig – Systemiske effekter - Arbeidere	Innånding	380 mg/m <sup>3</sup>
Langsiktig – Systemiske effekter - Befolkningen generelt	Innånding	114 mg/m <sup>3</sup>
Langsiktig – Systemiske effekter - Befolkningen generelt	Oral	87 mg/kg bw/day

### Isopropylalcohol

Varighet:	Opptaksvei:	DNEL:
Langsiktig – Systemiske effekter - Arbeidere	Dermal	888 mg/m <sup>3</sup>
Langsiktig – Systemiske effekter - Befolkningen generelt	Dermal	319 mg/kg
Langsiktig – Systemiske effekter - Arbeidere	Innånding	500 mg/m <sup>3</sup>
Langsiktig – Systemiske effekter - Befolkningen generelt	Innånding	89 mg/m <sup>3</sup>
Langsiktig – Systemiske effekter - Befolkningen generelt	Innånding	89 mg/m <sup>3</sup>
Langsiktig – Systemiske effekter - Befolkningen generelt	Oral	26 mg/kg

## PNEC

### 2-phenoxyethanol

Opptaksvei:	Eksposeringens varighet:	PNEC:
Ferskvann		0,943 mg/L
Ferskvannssediment		7,2366 mg/kg
Havvann		0,0943 mg/L
Havvannssediment		0,7237 mg/kg
Jord		1,26 mg/kg
Renseanlegg		24,8 mg/L
Renseanlegg	Singel	36 mg/L

### Ethanol, ethyl alcohol

Opptaksvei:	Eksposeringens varighet:	PNEC:
Ferskvann		960 µg/L

Ferskvannssediment		3.6 mg/kg
Havvann		790 µg/L
Havvannssediment		2.9 mg/kg
Jord		630 µg/kg
Periodisk utslipp (ferskvann)		2.75 mg/L
Renseanlegg		580 mg/L
Rovdyr		380-720 mg/kg

#### Isopropylalcohol

Opptaksvei:	Eksponeringens varighet:	PNEC:
Ferskvann		140,9 mg/L
Ferskvannssediment		552 mg/kg
Havvann		140,9 mg/L
Havvannssediment		552 mg/kg
Jord		28 mg/kg
Periodisk utslipp		140,9 mg/L
Renseanlegg		2251 mg/L

## 8.2. Eksponeringskontroll

Det bør kontrolleres regelmessig at de angitte grenseverdiene overholdes.

#### Generelt:

Røking, inntak av mat og drikke er ikke tillatt i arbeidsområdet.

#### Eksponeringsscenarioer:

Ingen eksponeringsscenarioer er implementert for dette produktet.

#### Eksponeringsgrenser:

Bedriftsrelaterte brukere er omfattet av arbeidsmiljølovgivningens regler om maksimumkonsentrasjoner for eksponering. Se arbeidshygieniske grenseverdier ovenfor.

#### Tekniske tiltak:

Dannelsen av damp må holdes på et minimum og under den gjeldende grenseverdien (se over). Det anbefales å installere et lokalt utluftingssystem dersom den vanlige luftstrømmen i arbeidsrommet ikke er tilstrekkelig. Sørg for at øyevask og dusj for nødsituasjoner er godt merket.

Følg standard forholdsregler ved bruk av produktet. Unngå inhalering av damp.

#### Hygieniske tiltak:

Ved hver pause i bruk av produktet og ved arbeidsstans skal eksponerte områder av kroppen vaskes. Vær ekstra nøye med hender, underarmer og ansikt.

#### Begrensning av eksponering av miljøet:

Ingen spesielle krav.

## Individuelle vernetiltak

#### Generelt:

Benytt utelukkende CE-merket verneutstyr.

#### Åndedrettsvern:

Type	Klasse	Farge	Standarder
Ingen spesielle ved normal tilsiktet bruk.			

#### Kroppsværn:

Anbefalt	Type/Kategori	Standarder
Ingen spesielle ved normal tilsiktet bruk.	-	-

#### Håndvern:

Arbeidssituasjon	Materiale	Hanskeykkelse (mm)	Gjennomtrengningstid (min.)	Standarder	
	Ingen spesielle ved normal tilsiktet bruk	-	-	-	
Ved langvarig eksponering eller høye konsentrasjoner	Bomull /Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Øyevern:*

Type	Standarder	
Ingen spesielle ved normal tilsiktet bruk.	-	

## AVSNITT 9: FYSISKE OG KJEMISKE EGENSKAPER

### 9.1. Opplysninger om grunnleggende fysiske og kjemiske egenskaper

*Tilstandsform:*

Væske

*Farge:*

Hvit

*Lukt / Luktterskel (ppm):*

Parfymert

*pH:*

ca. 9

*Tetthet (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Kinematisk viskositet:*

Ingen data tilgjengelige.

*Dynamisk viskositet:*

ca 1000 mPa.s (20 °C)

*Partikkelegenskaper:*

Ikke relevant - produktet er en væske

#### Tilstandsending og damptrykk

*Smeltepunkt/Frysepunkt (°C):*

Ingen data tilgjengelige.

*Bløtgjøringspunkt / -område (°C):*

Ikke relevant - produktet er en væske

*Kokepunkt (°C):*

Ingen data tilgjengelige.

*Damptrykk:*

Ingen data tilgjengelige.

*Relativ damp tetthet:*

Ingen data tilgjengelige.

*Spaltingstemperatur (°C):*

Ingen data tilgjengelige.

#### Data for brann- og eksplosjonsfarer

*Flammepunkt (°C):*

Ingen data tilgjengelige.

*Antennelighet (°C):*

Ingen data tilgjengelige.

*Selvantennelsestemperatur (°C):*

Ingen data tilgjengelige.

*Nedre og øvre eksplosjonsgrense (% v/v):*

Ingen data tilgjengelige.

**Løselighet**

*Løselighet i vann:*

Ingen data tilgjengelige.

*Fordelingskoeffisient (n-octanol/vann) (LogKow):*

Ingen data tilgjengelige.

*Løselighet i fett (g/L):*

Ingen data tilgjengelige.

**9.2. Andre opplysninger**

*Andre fysiske og kjemiske parametere:*

Ingen data tilgjengelige.

*Oksiderende egenskaper:*

Ingen data tilgjengelige.

## AVSNITT 10: STABILITET OG REAKTIVITET

**10.1. Reaktivitet**

Ingen data tilgjengelige.

**10.2. Kjemisk stabilitet**

Produktet er stabilt under de betingelsene som er angitt i avsnitt 7 om "Håndtering og lagring".

**10.3. Risiko for farlige reaksjoner**

Ingen kjente

**10.4. Forhold som skal unngås**

Ingen kjente

**10.5. Uforenlige materialer**

Sterke syrer, sterke baser, sterke oksideringsmidler og sterke reduksjonsmidler.

**10.6. Farlige nedbrytningsprodukter**

Under normale oppbevarings- og bruksforhold skal det ikke kunne dannes farlige nedbrytningsprodukter.

## AVSNITT 11: TOKSIKOLOGISKE OPPLYSNINGER

**11.1. Opplysninger om fareklasser som definert i forordning (EF) nr. 1272/2008**

**Akutt giftighet**

Produkt/bestanddel	Aluminium oxide
Art:	Rotte
Opptaksvei:	Innånding
Test:	LC50
Resultat:	> 5 mg/L

Produkt/bestanddel	Aluminium oxide
Art:	Rotte
Opptaksvei:	Oral
Resultat:	> 5000 mg/kg

Produkt/bestanddel	Isopropylalcohol
Art:	Rotte
Opptaksvei:	Oral

Test: LD50  
Resultat: >2000 mg/kg

Produkt/bestanddel: Isopropylalcohol  
Art: Kanin  
Opptaksvei: Dermal  
Test: LD50  
Resultat: >2000 mg/kg

Produkt/bestanddel: Isopropylalcohol  
Art: Rotte  
Opptaksvei: Innånding  
Test: LC50  
Resultat: >20

Produkt/bestanddel: Isopropylalcohol  
Opptaksvei: Oral  
Test: LD50  
Resultat: 5849 mg/kg

Produkt/bestanddel: Isopropylalcohol  
Art: Rotte  
Opptaksvei: Oral  
Test: LD50  
Resultat: 5840 mg/kg

Produkt/bestanddel: Isopropylalcohol  
Art: Kanin  
Opptaksvei: Dermal  
Test: LD50  
Resultat: 12800 mg/kg

Produkt/bestanddel: Isopropylalcohol  
Opptaksvei: Innånding  
Test: LC50  
Resultat: 301002 mg/L

Produkt/bestanddel: 2-phenoxyethanol  
Art: Rotte  
Opptaksvei: Oral  
Test: LD50  
Resultat: 1840 mg/kg

Produkt/bestanddel: 2-phenoxyethanol  
Art: Kanin  
Opptaksvei: Dermal  
Resultat: >5000 mg/kg

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

#### Hudetsing/hudirritasjon

Produkt/bestanddel: Isopropylalcohol  
Testmetode: OECD 404  
Art: Kanin  
Varighet: 4 hours

Produkt/bestanddel: 2-phenoxyethanol  
Resultat: Negative effekter observert (Etsende)

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

#### Alvorlig øyeskade/øyeirritasjon

Produkt/bestanddel	Aluminium oxide
Produkt/bestanddel	Isopropylalcohol
Art:	Kanin
Resultat:	Negative effekter observert (Irritasjon)
Produkt/bestanddel	Isopropylalcohol
Testmetode:	OECD 405
Art:	Kanin
Resultat:	Negative effekter observert (Gir alvorlig øyeskade)
Produkt/bestanddel	2-phenoxyethanol
Resultat:	Negative effekter observert (Gir alvorlig øyeskade)

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

#### Sensibilisering ved innånding

Produkt/bestanddel	Isopropylalcohol
Testmetode:	OECD 406
Art:	Marsvin
Resultat:	Ingen negative effekter observert (ikke sensibiliserende)

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

#### Sensibilisering ved hudkontakt

Produkt/bestanddel	Isopropylalcohol
Art:	Marsvin
Resultat:	Ingen negative effekter observert (ikke sensibiliserende)

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

#### Arvestoffskadelig virkning på kjønnceller

Produkt/bestanddel	Isopropylalcohol
Konklusjon:	Ingen negative effekter observert

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

#### Kreftframkallende egenskaper

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

#### Reproduksjonstoksitet

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

#### STOT, enkelteksponering

Produkt/bestanddel	Isopropylalcohol
Opptaksvei:	Oral

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

#### STOT, gjentatt eksponering

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

#### Aspirasjonsfare

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

### 11.2. Opplysninger om andre farer

#### Langsiktige virkninger

Ingen kjente

#### Hormonforstyrrende egenskaper

Blandingens/produktet inneholder ingen stoffer som anses å ha hormonforstyrrende egenskaper som kan påvirke helsen.

#### Andre opplysninger

Isopropylalcohol: Dette stoffet har blitt klassifisert som kreftfremkallende i gruppe 3 av IARC.

## AVSNITT 12: ØKOLOGISKE OPPLYSNINGER

### 12.1. Giftighet

Produkt/bestanddel	Isopropylalcohol
Art:	Fisk, Goudwinde ( <i>Leuciscus idus</i> )
Varighet:	48 timer
Test:	LC50
Resultat:	>100 mg/L

Produkt/bestanddel	Isopropylalcohol
Art:	Krepsdyr, <i>Daphnia magna</i>
Varighet:	48 timer
Test:	EC50
Resultat:	>100 mg/L

Produkt/bestanddel	Isopropylalcohol
Art:	Alge, <i>Scenedesmus subspicatus</i>
Varighet:	72 timer
Test:	EC50
Resultat:	>100 mg/L

Produkt/bestanddel	2-phenoxyethanol
Art:	Fisk
Varighet:	96 timer
Test:	LC50
Resultat:	>100 mg/L

Produkt/bestanddel	2-phenoxyethanol
Art:	Alge
Varighet:	72 timer
Test:	ErC50
Resultat:	>100 mg/L

Produkt/bestanddel	2-phenoxyethanol
Art:	<i>Daphnia magna</i>
Varighet:	48 timer
Test:	EC50
Resultat:	>100 mg/L

Produkt/bestanddel	2-phenoxyethanol
Art:	Fisk
Test:	NOEC
Resultat:	23 mg/L

Produkt/bestanddel	2-phenoxyethanol
Art:	Andere waterorganismen
Varighet:	30 minutes
Test:	EC50
Resultat:	>1000 mg/L

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

### 12.2. Persistens og nedbrytbarhet

Produkt/bestanddel	Isopropylalcohol
Resultat:	95%
Konklusjon:	God biologisk nedbrytbarhet
Test:	OECD 301 E

Produkt/bestanddel	2-phenoxyethanol
Resultat:	>70
Konklusjon:	God biologisk nedbrytbarhet
Test:	OECD 301 A

### 12.3. Bioakkumuleringsevne

Produkt/bestanddel	Isopropylalcohol
BCF:	<100
LogKow:	<3
Konklusjon:	-

Produkt/bestanddel	2-phenoxyethanol
BCF:	0.349
LogKow:	1.2
Konklusjon:	-

#### 12.4. Mobilitet i jord

Ingen data tilgjengelige.

#### 12.5. Resultater av PBT- og vPvB-vurdering

Blandingen/produktet inneholder ikke noen stoffer som oppfyller kriteriene som klassifiserer dem som PBT og/eller vPvB.

#### 12.6. Hormonforstyrrende egenskaper

Blandingen/produktet inneholder ingen stoffer som anses å ha hormonforstyrrende egenskaper som kan påvirke miljøet.

#### 12.7. Andre skadevirkninger

Ingen kjente

## AVSNITT 13: SLUTTBEHANDLING

#### 13.1. Avfallsbehandlingsmetoder

Produktet er ikke omfattet av reglene om farlig avfall.

Fraråde tømming i avløp.

Forskrift 1. juni 2004 nr. 930 om gjenvinning og behandling av avfall (avfallsforskriften).

Avfallskode EAL:

20 01 30 Andre rengjøringsmidler enn dem nevnt i 20 01 29

#### Forurenset emballasje

Emballasje med restinnhold av produktet skal avhendes etter samme bestemmelser som produktet.

## AVSNITT 14: TRANSPORTOPPLYSNINGER

	14.1 FN- eller ID-nummer	14.2 FN-forsendelsesnavn	14.3 Transportfareklasse(r)	14.4 Emballasje- grupp e	14.5 Miljøfa- rer	Annen informas- jon:
ADR	1950	AEROSOLS	Klasse: 2 Faresedler: 2.2 Klassifiseringskoder: 5A	-	Nei	Begrense de mengder: 1 L Tunnel restriksjo nskode: 3 (E) Se mer informasj on under.
IMDG	1950	AEROSOLS	Klasse: 2 Faresedler: 2.2	-	Nei	Begrense de

	14.1 FN- eller ID-nummer	14.2 FN-forsendelsesnavn	14.3 Transportfareklasse(r)	14.4 Emballasje- grupp e	14.5 Miljøfa- rer	Annen informas- jon:
			Klassifiseringskoder: 5A			mengder: 1 L EmS: F-D S-U Se mer informasj on under.
IATA	1950	AEROSOLS	Klasse: 2 Faresedler: 2.2 Klassifiseringskoder: 5A	-	Nei	Se mer informasj on under.

#### Annen informasjon

Produktet er omfattet av konvensjonene om farlig gods.

ADR / See Tabell A, punkt 3.2.1 for eventuell informasjon om spesielle bestemmelser, krav eller advarsler i forbindelse med transport. Se punkt 5.4.3, for skriftlige instruksjoner om tapsbegrensning ved hendelser eller ulykker under transport.

IMGD / See punkt 3.2.1 for eventuell informasjon om spesielle bestemmelser, krav eller advarsler i forbindelse med transport.

IATA / See Tabell 4.2 for eventuell informasjon om spesielle bestemmelser, krav eller advarsler i forbindelse med transport.

#### 14.6. Særlige forsiktighetsregler ved bruk

Ikke relevant.

#### 14.7. Sjøtransport i bulk i henhold til IMO-instrumenter

Ingen data tilgjengelige.

## AVSNITT 15: OPPLYSNINGER OM REGELVERK

### 15.1. Særlige bestemmelser / særskilt lovgivning om sikkerhet, helse og miljø for stoffet eller stoffblandingen

#### Anvendelsesbegrensninger:

Bare for yrkesbrukere.

#### Krav om særlig utdanning:

Ingen spesielle krav.

#### SEVESO - Farekategorier / spesifiserte farlige kjemikalier:

Ikke relevant.

#### REACH forskriften, Vedlegg XVII:

Isopropylalcohol er underlagt REACH-restriksjoner (Inngangsnummer 40).

Ethanol, ethyl alcohol er underlagt REACH-restriksjoner (Inngangsnummer 40).

#### Etikettering av innhold i overensstemmelse med produktforskriften:

< 5%

- Anioniske overflateaktive stoffer
- Ikke-ioniske overflateaktive stoffer
- Parfyme
- Konserveringsmiddel (PHENOXYETHANOL)

#### Deklarering av kjemikalier:

Dersom produktet importeres til eller produseres i Norge i mengder på 100 kg/år er det registreringspliktig i produktregisteret fordi det er klassifisert som farlig.

#### Annen informasjon:

Ikke relevant.

*Kilder:*

Lov 17. juni 2005 nr. 62 om arbeidsmiljø, arbeidstid og stillingsvern mv. (arbeidsmiljøloven).  
EUROPAPARLAMENTS- OG RÅDSFORORDNING (EF) nr. 648/2004 av 31. mars 2004 om vaske- og rengjøringsmidler  
Forskrift 1. juni 2004 nr. 930 om gjenvinning og behandling av avfall (avfallsforskriften).  
Forskrift 19. mai 2015 nr. 541 om deklarerer av kjemikalier til produktregisteret (deklareringsforskriften).  
Forskrift 16. juni 2012 nr. 622 om klassifisering, merking og emballering av stoffer og stoffblandinger (CLP-forskriften).  
Forskrift 30. mai 2008 nr. 516 om registrering, vurdering, godkjenning og begrensning av kjemikalier (REACH-forskriften).

**15.2. Vurdering av kjemikaliesikkerhet**

Nei

## AVSNITT 16: ANDRE OPPLYSNINGER

**Fullstendig tekst for H-setninger som det refereres til i avsnitt 3**

H225, Meget brannfarlig væske og damp.  
H302, Farlig ved svelging.  
H318, Gir alvorlig øyeskade.  
H319, Gir alvorlig øyeirritasjon.  
H335, Kan forårsake irritasjon av luftveiene.  
H336, Kan forårsake døsighet eller svimmelhet.

**Forkortelser og akronymer**

ADN/ADNR = Europeisk avtale om internasjonal transport av farlig gods på innenlands vannveier  
ADR = Forskrift 1. april 2009 om landtransport av farlig gods  
ATE = Akutt toksisitetstest estimat  
BCF = Biokonsentrasjons faktor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne  
CLP = Klassifisering, merking og innpakning  
CSA = Kjemisk sikkerhetsvurdering  
CSR = Kjemisk sikkerhetsrapport  
DMEL = Oppnådd minimalt effekt nivå  
DNEL = Oppnådd ingen effekt nivå  
EINECS = Fortegnelse over eksisterende kommersielle kjemiske substanser  
ES = Eksponeringsscenario  
EUH statement = CLP-spesifikk fareerklæring  
EuPCS = Europeisk produktkategoriseringssystem  
EWC = Europeisk Avfallskatalog  
GHS = Globalt Harmonisert System for Klassifisering og Merking av Kjemikalier  
GWP = Potensial for global oppvarming  
IATA/ICAO = Internasjonal lufttransport Forening  
IBC = Middels Bulk Kontainer  
IMDG = Internasjonal Maritim Farlig Gods  
LogPow = Logaritmen til fordelingskoeffisienten for oktanol / vann  
MARPOL 73/78 = Den Internasjonale Konvensjonen til Forhindring av Marin Forurensning fra Skip, 1973, modifisert i 1978  
OECD = Organisasjonen for økonomisk samarbeid og utvikling  
PBT = Persistent, Bioakkumulerbar og Giftig  
PNEC = Forutsatt ingen effekt konsentrasjon  
RID = Forskrift 1. april 2009 om landtransport av farlig gods  
RRN = REACH registreringsnummer  
SCL = Spesifikk konsentrasjonsgrense.  
SVHC = Stoffer med meget høy viktighet  
STOT-RE = Giftig mot spesifikt målorgan - Gjentatt eksponering  
STOT-SE = Giftig mot spesifikt målorgan - Enkel eksponering  
TWA = Tidsvektet gjennomsnittlig  
UN = Forenede Nasjoner

UVBC = Ukjent eller variabel sammensetning, komplekse reaksjonsprodukter eller biologiske materialer.

VOC = Flyktig organisk forbindelse

vPvB = Meget persistente og meget bioakkumulerende

**Annen informasjon**

Ikke relevant.

**Sikkerhetsdatablad er validert av**

Quality & Compliance

**Annet**

Endringer i forhold til siste vesentlige revisjon (første siffer i SDS-versjon, se avsnitt 1) av dette sikkerhetsdatablad er markert med en trekant.

Opplysningene i dette sikkerhetsdatabladet gjelder kun produktet nevnt i avsnitt 1 og er ikke nødvendigvis gjeldende ved bruk sammen med andre produkter.

Det anbefales å utlevere dette sikkerhetsdatabladet til den faktiske bruker av produktet. Den nevnte informasjonen kan ikke brukes som produktspesifikasjon.

Land-språk: NO-nb

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product identifier**

*Trade name:*

i.26 kitchen polish (Alu-Air)

**Relevant identified uses of the substance or mixture and uses advised against**

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

**Details of the supplier of the safety data sheet**

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

26/05/2025

*SDS Version:*

1.0

**Emergency telephone number**

National Poisons Centre: 0800 764 766 (24 hour service)  
See also section 4 "First aid measures"

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to the Hazardous Substances (Hazard Classification) Notice.

**Classification of the substance or mixture**

Aerosol 3; H229, Pressurised container: May burst if heated.

**Label elements**

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

*Hazard statement(s):*

Pressurised container: May burst if heated. (H229)

*Precautionary statement(s):*

*General:*

-

*Prevention:*

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

*Response:*

-

*Storage:*

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

*Disposal:*

-

*Hazardous substances:*

Does not contain any substances required to report

*Additional labelling:*

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Substances

Not applicable. This product is a mixture.

### Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST AID MEASURES

### Description of first aid measures

*General information:*

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

*Inhalation:*

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact:**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion:**

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

**Burns:**

Not applicable.

**Most important symptoms and effects, both acute and delayed**

None known.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medics**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

**Extinguishing media**

Not applicable.

**Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

**Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the National Poisons Centre: 0800 764 766 (24 hour service) in order to obtain further advice.

Hazchem Code: None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

**Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### Precautions for safe handling

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

#### *Recommended storage material:*

Keep only in original packaging.

#### *Storage conditions:*

Dry, cool and well ventilated

#### *Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

Aluminium oxide  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10

isopropyl alcohol  
Long term exposure limit (8 hours) (ppm): 400  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 983  
Short term exposure limit (15 minutes) (ppm): 500  
Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 1230

ethanol;ethyl alcohol  
Long term exposure limit (8 hours) (ppm): 1000  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1880  
Annotations:  
oto = Ototoxin

Workplace exposure standards and biological exposure indices. Edition 14, November 2023.

### Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

#### *General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

#### *Exposure scenarios:*

There are no exposure scenarios implemented for this product.

#### *Exposure limits:*

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

#### *Appropriate technical measures:*

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

**Hygiene measures:**

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

**Measures to avoid environmental exposure:**

No specific requirements.

**Individual protection measures, such as personal protective equipment**

**Generally:**

Use only protective equipment that have been approved by IANZ or NATA, or a laboratory accredited under a recognised Mutual Recognition Arrangement.

**Respiratory Equipment:**

Type	Class	Colour	Standards	
No special when used as intended.				

**Skin protection:**

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

**Hand protection:**

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

**Eye protection:**

Type	Standards	
No special when used as intended.	-	

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

**Form:**

Liquid

**Colour:**

White

**Odour:**

Of perfume

**Odour threshold (ppm):**

No data available.

**pH:**

ca. 9

**Density (g/cm<sup>3</sup>):**

1.06 (20 °C)

*Kinematic viscosity:*  
No data available.

*Dynamic viscosity:*  
ca 1000 mPa.s (20 °C)

#### **Phase changes**

*Melting point/Freezing point (°C):*  
No data available.

*Softening point/range (°C):*  
Does not apply to liquids.

*Boiling point (°C):*  
No data available.

*Vapour pressure:*  
No data available.

*Relative vapour density:*  
No data available.

*Decomposition temperature (°C):*  
No data available.

*Evaporation rate (n-butylacetate = 100):*

#### **Data on fire and explosion hazards**

*Flash point (°C):*  
No data available.

*Flammability (°C):*  
No data available.

*Auto-ignition temperature (°C):*  
No data available.

*Explosion limits (% v/v):*  
No data available.

#### **Solubility**

*Solubility in water:*  
No data available.

*n-octanol/water coefficient (LogKow):*  
No data available.

*Solubility in fat (g/L):*  
No data available.

#### **Other information**

*Other physical and chemical parameters:*  
No data available.

*Oxidizing properties:*  
No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

#### **Reactivity**

No data available.

#### **Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **Possibility of hazardous reactions**

None known.

#### **Conditions to avoid**

None known.

**Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Acute toxicity**

Product/substance Aluminium oxide  
Species: Rat  
Route of exposure: Inhalation  
Test: LC50  
Result: > 5 mg/L

Product/substance Aluminium oxide  
Species: Rat  
Route of exposure: Oral  
Result: > 5000 mg/kg

Product/substance isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: >2000 mg/kg

Product/substance isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: >2000 mg/kg

Product/substance isopropyl alcohol  
Species: Rat  
Route of exposure: Inhalation  
Test: LC50  
Result: >20

Product/substance isopropyl alcohol  
Route of exposure: Oral  
Test: LD50  
Result: 5849 mg/kg

Product/substance isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 5840 mg/kg

Product/substance isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: 12800 mg/kg

Product/substance isopropyl alcohol  
Route of exposure: Inhalation

Test: LC50  
Result: 301002 mg/L

Product/substance: 2-phenoxyethanol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 1840 mg/kg

Product/substance: 2-phenoxyethanol  
Species: Rabbit  
Route of exposure: Dermal  
Result: >5000 mg/kg

Based on available data, the classification criteria are not met.

**Skin corrosion/irritation**

Product/substance: isopropyl alcohol  
Test method: OECD 404  
Species: Rabbit  
Duration: 4 hours

Product/substance: 2-phenoxyethanol  
Result: Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Product/substance: Aluminium oxide

Product/substance: isopropyl alcohol  
Species: Rabbit  
Result: Adverse effect observed (Irritating)

Product/substance: isopropyl alcohol  
Test method: OECD 405  
Species: Rabbit  
Result: Adverse effect observed (Causes serious eye damage)

Product/substance: 2-phenoxyethanol  
Result: Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

**Respiratory sensitisation**

Product/substance: isopropyl alcohol  
Test method: OECD 406  
Species: Guinea pig  
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

**Skin sensitisation**

Product/substance: isopropyl alcohol  
Species: Guinea pig  
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Product/substance: isopropyl alcohol  
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

**Reproductive toxicity**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Product/substance isopropyl alcohol  
Route of exposure: Oral

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

None known.

**SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity**

Product/substance isopropyl alcohol  
Species: Fish, Goudwinde (*Leuciscus idus*)  
Duration: 48 hours  
Test: LC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Crustacean, *Daphnia magna*  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, *Scenedesmus subspicatus*  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: *Daphnia magna*  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC

Result: 23 mg/L

Product/substance 2-phenoxyethanol  
Species: Andere waterorganismen  
Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

#### Persistence and degradability

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

#### Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

#### Mobility in soil

No data available.

#### Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Product is not covered by regulations on dangerous waste.

#### Specific labelling

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
						restriction code: 3 (E) See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S- U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

#### Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

Hazchem Code: None

#### Special precautions for user

Not applicable.

#### Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

## SECTION 15: REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Restrictions for application:

Restricted to professional users.

#### Demands for specific education:

No specific requirements.

#### Control of major hazard facilities:

Not applicable.

**Additional information:**

Not applicable.

**New Zealand Inventory of Chemicals (NZIoC):**

Aluminium oxide is listed  
isopropyl alcohol is listed  
ethanol;ethyl alcohol is listed  
2-phenoxyethanol is listed

**Sources:**

Hazardous Substances (Hazard Classification) Notice 2020  
Hazardous Substances and New Organisms Act 1996

**Chemical safety assessment**

No

## SECTION 16: OTHER INFORMATION

**Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.  
H302, Harmful if swallowed.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H335, May cause respiratory irritation.  
H336, May cause drowsiness or dizziness.

**The full text of identified uses as mentioned in section 1**

None known.

**Abbreviations and acronyms**

AS/NZS = Australian New Zealand Standard  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
EINECS = European Inventory of Existing Commercial chemical Substances  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
Hazchem = Hazardous chemicals  
HSNO = Hazardous Substances and New Organisms Act  
IANZ = International Accreditation New Zealand  
IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NATA = National Association of Testing Authorities  
NZIoC = New Zealand Inventory of Chemicals  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
SCL = A specific concentration limit  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: NZ-en

## KARTA CHARAKTERYSTYKI

# i.26 kitchen polish (Alu-Air)

## SEKCJA 1: IDENTYFIKACJA SUBSTANCJI/MIESZANINY I IDENTYFIKACJA PRZEDSIĘBIORSTWA

### 1.1. Identyfikator produktu

*Nazwa handlowa:*

i.26 kitchen polish (Alu-Air)

*Niepowtarzalny identyfikator postaci czynnej (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Istotne zidentyfikowane zastosowania substancji lub mieszaniny oraz zastosowania odradzane

*Istotne zidentyfikowane zastosowania substancji lub mieszaniny:*

Detergenty i środki czyszczące (w tym na bazie rozpuszczalników)  
Produkt przeznaczony wyłącznie do użytku zawodowego.

*Zastosowania odradzane :*

Nie są znane.

### 1.3. Dane dotyczące dostawcy karty charakterystyki

*Dostawca:*

**Hygeniq B.V.**

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

*Adres email:*

info@hygeniq.com

*Aktualizacja:*

26.05.2025

*Wersja karty charakterystyki:*

1.0

### 1.4. Numer telefonu alarmowego

Ośrodki zatruc.

Gdańsk: Pomorskie Centrum Toksykologii. Tel: (48) 58 682 04 04

Kraków: Centrum Informacji Toksykologicznej. Tel: (48) 12 411 99 99

Łódź: Krajowe Centrum Informacji o Truciznach. Tel: (48) 42 63 14 724

Warszawa: Warszawskie Centrum Informacji i Kontroli Zatruc. Tel: (48) 22 619 66 54

Wrocław: Dolnośląskie Centrum Informacji Toksykologicznej i Toksykologicznej. Tel: (48) 71 306 44 19

\*Europejski numer alarmowy : 112

Patrz sekcja 4 o środkach pierwszej pomocy.

## SEKCJA 2: IDENTYFIKACJA ZAGROŻEŃ

Klasyfikacja wg Rozporządzenia (WE) 1272/2008 (CLP).

### 2.1. Klasyfikacja substancji lub mieszaniny

Aerosol 3; H229, Pojemnik pod ciśnieniem: Ogrzanie grozi wybuchem.

### 2.2. Elementy oznakowania

*Piktogram(y) zagrożeń:*

Nie dotyczy.

*Hasło ostrzegawcze:*

Uwaga

*Zwrot wskazujący rodzaj zagrożenia:*

Pojemnik pod ciśnieniem: Ogrzanie grozi wybuchem. (H229)

*Zwroty wskazujące środki ostrożności:*

*Ogólne:*

-

*Zapobieganie:*

Przechowywać z dala od źródeł ciepła, gorących powierzchni, źródeł iskrzenia, otwartego ognia i innych źródeł zapłonu. Nie palić. (P210)

Nie przekłuwać ani nie spalać, nawet po zużyciu. (P251)

*Reagowanie:*

-

*Przechowywanie:*

Chronić przed światłem słonecznym. Nie wystawiać na działanie temperatury przekraczającej 50 °C/122 °F. (P410+P412)

*Usuwanie:*

-

*Zawiera następujące substancje odpowiedzialne za ryzyko zagrożenia zdrowia:*

Nie zawiera żadnych substancji objętych nakazem zgłaszania

*Informacje uzupełniające na etykiecie:*

UFI: 8YFR-ND5E-MUMG-2XW1

*Oznakowanie zawartości zgodnie z Rozporządzeniem nr 648/2004 w sprawie detergentów:*

< 5%

- Anionowe środki powierzchniowo czynne
- Niejonowe środki powierzchniowo czynne
- Kompozycje zapachowe
- Środek konserwujący (PHENOXYETHANOL)

### 2.3. Inne zagrożenia

*Inne ostrzeżenia:*

Mieszanina/produkt ten nie zawiera żadnej substancji spełniającej kryteria klasyfikacji jako PBT lub vPvB.

Ten produkt nie zawiera żadnych substancji uważanych za substancje zaburzające gospodarkę hormonalną zgodnie z kryteriami określonymi w Rozporządzeniu Delegowanym Komisji (UE) 2017/2100 lub Rozporządzeniu Komisji (UE) 2023/707.

## SEKCJA 3: SKŁAD/INFORMACJA O SKŁADNIKACH

### 3.1. Substancje

Nie dotyczy. Produkt jest mieszaniną.

### 3.2. Mieszaniny

Produktu/składnik	Identyfikatory	% w/w	Klasyfikacja	Uwagi
alkohol izopropylu	Nr. CAS: 67-63-0 Nr. WE: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

	REACH: Nr. indeksowy: 603-117-00-0		STOT SE 3, H336	
etanol;alkohol etylowy	Nr. CAS: 64-17-5 Nr. WE: 200-578-6 REACH: Nr. indeksowy: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoksyetanol;eter monofenyłowy glikolu etylenowego	Nr. CAS: 122-99-6 Nr. WE: 204-589-7 REACH: 01-2119488943-21 Nr. indeksowy: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

Pełne sformułowanie zwrotów określających zagrożenia znajduje się w sekcji 16. Limity dopuszczalnych wartości zarażenia zawodowego, jeśli są dostępne, wymienione są w sekcji 8.

#### Inne informacje

-

## SEKCJA 4: ŚRODKI PIERWSZEJ POMOCY

### 4.1. Opis środków pierwszej pomocy

#### Informacje ogólne:

W razie wypadku lub złego samopoczucia skontaktować się z lekarzem lub pogotowiem – zabrać ze sobą etykietę lub niniejszą kartę charakterystyki. Lekarz może się zwrócić do Instytutu Toksykologii w szpitalu.

Jeśli objawy nie ustają, lub jeśli są wątpliwości co do stanu osoby poszkodowanej, trzeba się zwrócić po pomoc lekarską. Nigdy nie podawaj wody ani podobnych płynów osobie nieprzytomnej.

#### Wdychanie:

W razie problemów z oddychaniem lub podrażnienia dróg oddechowych: Zapewnić poszkodowanemu dostęp do świeżego powietrza i nie pozostawiać go bez nadzoru.

#### Kontakt ze skórą:

Natychmiast zdjąć zanieczyszczoną odzież. Niezwłocznie spłukać skażone miejsce obficie wodą. Można zastosować środki do mycia skóry. NIE używać rozpuszczalników ani rozcieńczalników.

#### Kontakt z oczami:

W PRZYPADKU DOSTANIA SIĘ DO OCZU: Natychmiast spłukać wodą (20-30 °C) przez przynajmniej 5 minut. Usunąć ewentualne szkła kontaktowe. Zaweźwać lekarza.

#### Połknięcia:

Jeśli osoba jest przytomna, przepłukać usta wodą i pozostać z nią. W przypadku złego samopoczucia: należy się natychmiast skontaktować z lekarzem i mieć przy sobie niniejszą kartę charakterystyki lub etykietę produktu. Nie należy wywoływać wymiotów, jeśli lekarz tego nie zalecił. Ułożyć głowę nisko, tak, aby w razie wymiotów ich zawartość nie wróciła do ust i gardła.

#### Oparzenie:

Nie dotyczy.

### 4.2. Najważniejsze ostre i opóźnione objawy oraz skutki narażenia

Nie są znane.

### 4.3. Wskazania dotyczące wszelkiej natychmiastowej pomocy lekarskiej i szczególnego postępowania z poszkodowanym

Leczyć objawowo.

#### Informacja dla lekarza

Przekazać kartę charakterystyki lub etykietę produktu.

## SEKCJA 5: POSTĘPOWANIE W PRZYPADKU POŻARU

### 5.1. Środki gaśnicze

Nie dotyczy.

### 5.2. Szczególne zagrożenia związane z substancją lub mieszaniną

Pojemnik pod ciśnieniem. Pod wpływem działania wysokiej temperatury lub ognia może nastąpić wzrost ciśnienia powodujący rozerwanie pojemnika.

W przypadku pożaru powstanie gęsty dym. Wystawienie na działanie produktów rozkładu może być szkodliwe dla zdrowia. Zamknięte pojemniki, które były wystawione na działanie ognia, należy ochłodzić wodą. Nie należy dopuścić, aby woda użyta do gaszenia dostała się do ścieków ani cieków wodnych.

Wystawienie mieszaniny na działanie wysokich temperatur, np. w przypadku pożaru, może spowodować powstawanie niebezpiecznych produktów rozkładu. Są to:

Tlenki węgla (CO / CO<sub>2</sub>)

Niektóre tlenki metali

### 5.3. Informacje dla straży pożarnej

Normalne ubranie strażackie i pełne wyposażenie dla ochrony dróg oddechowych. W przypadku bezpośredniego kontaktu z substancją chemiczną dowódca zastępu może się skontaktować z centrum ratunkowym dla wypadków chemicznych aby otrzymać dalsze porady.

## SEKCJA 6: POSTĘPOWANIE W PRZYPADKU NIEZAMIERZONEGO UWOLNIENIA DO ŚRODOWISKA

### 6.1. Indywidualne środki ostrożności, wyposażenie ochronne i procedury w sytuacjach awaryjnych

Zapewnić odpowiednią wentylację, szczególnie w przestrzeniach zamkniętych.

Zanieczyszczone powierzchnie mogą być śliskie.

### 6.2. Środki ostrożności w zakresie ochrony środowiska

Zapobiegać uwalnianiu większych ilości do kanalizacji, wód gruntowych i powierzchniowych.

Nie dopuszczać osób postronnych do miejsca wycieku.

### 6.3. Metody i materiały zapobiegające rozprzestrzenianiu się skażenia i służące do usuwania skażenia

Ograniczyć i zebrać wyciek za pomocą niepalnego, absorbującego materiału, np. piasku, ziemi, wermikulitu lub ziemi okrzemkowej i umieścić w pojemniku do utylizacji zgodnie z lokalnymi przepisami.

Jeśli to tylko możliwe, czyszczenie należy przeprowadzać za pomocą środków czyszczących. Należy unikać rozpuszczalników.

### 6.4. Odniesienia do innych sekcji

Postępowanie z odpadami opisane jest w sekcji 13.

Środki ostrożności omówione są w sekcji 8.

## SEKCJA 7: POSTĘPOWANIE Z SUBSTANCJAMI I MIESZANINAMI ORAZ ICH MAGAZYNOWANIE

### 7.1. Środki ostrożności dotyczące bezpiecznego postępowania

Nie przekłuwać ani nie spalać, nawet po zużyciu.

Palenie, jedzenie i picie nie są dozwolone podczas używania produktu.

Osobiste środki bezpieczeństwa omawiane są w sekcji „Kontrola narażenia/środki ochrony indywidualnej”.

### 7.2. Warunki bezpiecznego magazynowania, w tym informacje dotyczące wszelkich wzajemnych niezgodności

Należy przechowywać w szczelnie zamkniętych pojemnikach i chronić przed działaniem wilgoci i światła. Pojemniki należy oznaczyć datą otwarcia, a ich zawartość okresowo sprawdzać na obecność nadtlenu. Nie przekraczać wskazanych czasów przechowywania.

Otwarte pojemniki muszą być ponownie uszczelnione i przechowywane pionowo dla uniknięcia wycieków.

*Zgodności z opakowaniem:*

Przechowywać wyłącznie w oryginalnym opakowaniu.

**Warunki przechowywania:**

W miejscu suchym, chłodnym i z dobrą cyrkulacją powietrza

**Materiały niezgodne:**

Silne kwasy, silne zasady, silne utleniacze i silne reduktory.

**7.3. Szczególne zastosowanie(-a) końcowe**

Ten produkt powinien być używany zawsze zgodnie z opisem w sekcji 1.2.

## SEKCJA 8: KONTROLA NARAŻENIA/ŚRODKI OCHRONY INDYWIDUALNEJ

**8.1. Parametry dotyczące kontroli**

Aluminium oxide

Najwyższe dopuszczalne stężenie (8-godzinne) (NDS) (mg/m<sup>3</sup>): 2,5 (1,2 resp)

alkohol izopropylu

Najwyższe dopuszczalne stężenie chwilowe (15 minut) (NDSch) (mg/m<sup>3</sup>): 1200

Najwyższe dopuszczalne stężenie (8-godzinne) (NDS) (mg/m<sup>3</sup>): 900

Uwagi:

"Skóra" = Oznakowanie substancji notacją „skóra” oznacza, że wchłanianie substancji przez skórę może być tak samo istotne jak przy narażeniu drogą oddechową.

etanol;alkohol etylowy

Najwyższe dopuszczalne stężenie (8-godzinne) (NDS) (mg/m<sup>3</sup>): 1900

2-fenoksyetanol;eter monofenyłowy glikolu etylenowego

Najwyższe dopuszczalne stężenie (8-godzinne) (NDS) (mg/m<sup>3</sup>): 230

Rozporządzenia Ministra Rodziny, Pracy i Polityki Społecznej z dnia 12 czerwca 2018 r. w sprawie najwyższych dopuszczalnych stężeń i natężeń czynników szkodliwych dla zdrowia w środowisku pracy (Dz.U. 2018 poz. 1286)

**DNEL**

2-fenoksyetanol;eter monofenyłowy glikolu etylenowego

Czas:	Droga narażenia:	DNEL:
Długoterminowo	Doustnie	9,23 mg/kg
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Naskórnice	20,83 mg/kg
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Naskórnice	34,72 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe)	Naskórnice	10,42 mg/kg
Długoterminowo (działanie miejscowe-Pracownicy)	Wziewnie	5,7 mg/m <sup>3</sup>
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Wziewnie	5,7 mg/m <sup>3</sup>
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Wziewnie	8,07 mg/m <sup>3</sup>
Długoterminowo (działanie ogólnoustrojowe)	Wziewnie	2,41 mg/m <sup>3</sup>

alkohol izopropylu

Czas:	Droga narażenia:	DNEL:
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Doustnie	26 mg/kg
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Naskórnice	319 mg/kg
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Naskórnice	888 mg/m <sup>3</sup>
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Wziewnie	89 mg/m <sup>3</sup>
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Wziewnie	89 mg/m <sup>3</sup>
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Wziewnie	500 mg/m <sup>3</sup>

etanol;alkohol etylowy

Czas:	Droga narażenia:	DNEL:
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Doustnie	87 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Naskórnice	206 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Naskórnice	343 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Wziewnie	114 mg/m <sup>3</sup>
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Wziewnie	380 mg/m <sup>3</sup>
Krótkoterminowo (działanie miejscowe-cała populacja)	Wziewnie	950 mg/m <sup>3</sup>
Krótkoterminowo (działanie miejscowe-Pracownicy)	Wziewnie	1900 mg/m <sup>3</sup>

## PNEC

2-fenoksyetanol;eter monofenyłowy glikolu etylenowego

Droga narażenia:	Czas ekspozycji:	PNEC:
Oczyszczalnia ścieków		24,8 mg/L
Oczyszczalnia ścieków	Pojedynczy	36 mg/L
Osad w wodzie morskiej		0,7237 mg/kg
Osad w wodzie słodkiej		7.2366 mg/kg
Woda morska		0.0943 mg/L
Woda słodka		0,943 mg/L
Ziemia		1,26 mg/kg

alkohol izopropylu

Droga narażenia:	Czas ekspozycji:	PNEC:
Oczyszczalnia ścieków		2251 mg/L
Osad w wodzie morskiej		552 mg/kg
Osad w wodzie słodkiej		552 mg/kg
Przerywane uwalnianie		140,9 mg/L
Woda morska		140,9 mg/L
Woda słodka		140,9 mg/L
Ziemia		28 mg/kg

etanol;alkohol etylowy

Droga narażenia:	Czas ekspozycji:	PNEC:
Drapieżniki		380-720 mg/kg
Oczyszczalnia ścieków		580 mg/L
Osad w wodzie morskiej		2.9 mg/kg
Osad w wodzie słodkiej		3.6 mg/kg
Przerywane uwalnianie (woda słodka)		2.75 mg/L
Woda morska		790 µg/L
Woda słodka		960 µg/L
Ziemia		630 µg/kg

## 8.2. Kontrola narażenia

Należy regularnie kontrolować przestrzeganie podanych wartości granicznych.

*Ogólne zasady postępowania:*

Palenie, jedzenie i picie nie są dozwolone podczas używania produktu.

*Scenariusze narażenia:*

Dla tego produktu nie ma wdrożonych scenariuszy narażenia.

**Limity ekspozycji:**

Zawodowi użytkownicy objęci są regułami ustawodawstwa o bezpieczeństwie i higienie pracy, dotyczącego maksymalnych stężeń przy ekspozycji. Wartości graniczne - patrz powyżej.

**Środki techniczne:**

Tworzenie się pary musi być utrzymywane na minimalnych i poniżej aktualnych wartościach granicznych (patrz powyżej). Zaleca się zainstalowanie lokalnego systemu wyciągowego, jeśli normalny przepływ powietrza w pomieszczeniu roboczym jest niewystarczający. Upewnij się, że stacje do przemywania oczu i prysznicze są wyraźnie oznaczone.

Stosuj standardowe środki ostrożności podczas użytkowania produktu. Unikaj wdychania oparów.

**Zaradcze środki higieniczne:**

W każdej przerwie w pracy z produktem oraz po zakończeniu dnia pracy należy umyć odkryte części ciała. Zwracać szczególną uwagę na dłonie, przedramiona i twarz.

**Środki ograniczające narażenie środowiska:**

Nie ma specjalnych wymagań.

**Indywidualne środki ochrony takie jak indywidualne wyposażenie ochronne**

**Ogólnie:**

Używać wyłącznie sprzętu ochronnego z oznakowaniem CE.

**Ochronę dróg oddechowych:**

Typ	Klasa	Kolor	Normy	
Brak szczególnych wymagań.				

**Ochrona skór:**

Polecamy	Typu/Kategorii	Normy	
Brak szczególnych przy zwykłym użyciu zgodnie z przeznaczeniem.	-	-	

**Ochrona rąk:**

Warunki pracy	Materiał	Grubość rękawicy (mm)	Czas wytrzymałości (min.)	Normy	
	Brak szczególnych wymagań.	-	-	-	
W przypadku długotrwałego narażenia lub wysokiego stężenia	Bawełny / Nitryl	-	> 240	EN374-2, EN16523-1, EN388	

**Ochrona oczu:**

Typ	Normy	
Brak szczególnych wymagań.	-	

## SEKCJA 9: WŁAŚCIWOŚCI FIZYCZNE I CHEMICZNE

### 9.1. Informacje na temat podstawowych właściwości fizycznych i chemicznych

**Stan skupienia:**

Ciekły

**Kolor:**

Biały

**Zapach / Próg zapachu (ppm):**

Perfumowany

*pH:*

ca. 9

*Gęstość (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Lepkość kinematyczna:*

Brak dostępnych danych.

*Lepkość dynamiczna:*

ca 1000 mPa.s (20 °C)

*Charakterystyka cząsteczek:*

Nie dotyczy cieczy.

### **Zmiana stanu skupienia i opary**

*Temperatura topnienia/krzepnięcia (°C):*

Brak dostępnych danych.

*Temperaturę/zakres mięknięcia (°C):*

Nie dotyczy cieczy.

*Temperatura wrzenia (°C):*

Brak dostępnych danych.

*Prężność pary:*

Brak dostępnych danych.

*Względna gęstość pary :*

Brak dostępnych danych.

*Temperatura rozkładu (°C):*

Brak dostępnych danych.

### **Dane dotyczące niebezpieczeństwa pożaru i wybuchu**

*Temperatura zapłonu (°C):*

Brak dostępnych danych.

*Palność materiałów (°C):*

Brak dostępnych danych.

*Temperatura samozapłonu (°C):*

Brak dostępnych danych.

*Granice wybuchowości (obj. %):*

Brak dostępnych danych.

### **Rozpuszczalność**

*Rozpuszczalność w wodzie:*

Brak dostępnych danych.

*n-oktanol/woda współczynnik (LogKow):*

Brak dostępnych danych.

*Rozpuszczalność w tłuszczu (g/L):*

Brak dostępnych danych.

### **9.2. Inne informacje**

*Inne parametry fizyczne i chemiczne:*

Brak dostępnych danych.

*Właściwości utleniające:*

Brak dostępnych danych.

## **SEKCJA 10: STABILNOŚĆ I REAKTYWNOŚĆ**

### **10.1. Reaktywność**

Brak dostępnych danych.

## 10.2. Stabilność chemiczna

Przy prawidłowym użytkowaniu i przechowywaniu, zgodnie z sekcją 7 karty, produkt jest stabilny.

## 10.3. Możliwość występowania niebezpiecznych reakcji

Nie są znane.

## 10.4. Warunki, których należy unikać

Nie są znane.

## 10.5. Materiały niezgodne

Silne kwasy, silne zasady, silne utleniacze i silne reduktory.

## 10.6. Niebezpieczne produkty rozkładu

W normalnych warunkach magazynowania i stosowania niebezpieczne produkty rozpadu nie powinny być wytwarzane.

# SEKCJA 11: INFORMACJE TOKSYKOLOGICZNE

## 11.1. Informacje na temat klas zagrożenia zdefiniowanych w rozporządzeniu (WE) nr 1272/2008

### Toksyczność ostra

Produktu/składnik	Aluminium oxide
Rodzaj:	Szczur
Droga narażenia:	Wziewnie
Test:	CL50
Wynik:	> 5 mg/L

Produktu/składnik	Aluminium oxide
Rodzaj:	Szczur
Droga narażenia:	Doustnie
Wynik:	> 5000 mg/kg

Produktu/składnik	alkohol izopropylu
Rodzaj:	Szczur
Droga narażenia:	Doustnie
Test:	LD50
Wynik:	>2000 mg/kg

Produktu/składnik	alkohol izopropylu
Rodzaj:	Królik
Droga narażenia:	Naskórnice
Test:	LD50
Wynik:	>2000 mg/kg

Produktu/składnik	alkohol izopropylu
Rodzaj:	Szczur
Droga narażenia:	Wziewnie
Test:	CL50
Wynik:	>20

Produktu/składnik	alkohol izopropylu
Droga narażenia:	Doustnie
Test:	LD50
Wynik:	5849 mg/kg

Produktu/składnik	alkohol izopropylu
Rodzaj:	Szczur
Droga narażenia:	Doustnie
Test:	LD50
Wynik:	5840 mg/kg

Produktu/składnik	alkohol izopropylu
-------------------	--------------------

Rodzaj: Królik  
Droga narażenia: Naskórnice  
Test: LD50  
Wynik: 12800 mg/kg

Produktu/składnik: alkohol izopropylu  
Droga narażenia: Wziewnie  
Test: CL50  
Wynik: 301002 mg/L

Produktu/składnik: 2-fenoksyetanol;eter monofenyłowy glikolu etylenowego  
Rodzaj: Szczur  
Droga narażenia: Doustnie  
Test: LD50  
Wynik: 1840 mg/kg

Produktu/składnik: 2-fenoksyetanol;eter monofenyłowy glikolu etylenowego  
Rodzaj: Królik  
Droga narażenia: Naskórnice  
Wynik: >5000 mg/kg

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

#### **Działanie żrące/drażniące na skórę**

Produktu/składnik: alkohol izopropylu  
Metoda badania: OECD 404  
Rodzaj: Królik  
Czas: 4 hours

Produktu/składnik: 2-fenoksyetanol;eter monofenyłowy glikolu etylenowego  
Wynik: Zaobserwowano działania szkodliwe (Żrący)

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

#### **Poważne uszkodzenie oczu/działanie drażniące na oczy**

Produktu/składnik: Aluminium oxide

Produktu/składnik: alkohol izopropylu  
Rodzaj: Królik  
Wynik: Zaobserwowano działania szkodliwe (Drażniący)

Produktu/składnik: alkohol izopropylu  
Metoda badania: OECD 405  
Rodzaj: Królik  
Wynik: Zaobserwowano działania szkodliwe (Powoduje poważne uszkodzenie oczu)

Produktu/składnik: 2-fenoksyetanol;eter monofenyłowy glikolu etylenowego  
Wynik: Zaobserwowano działania szkodliwe (Powoduje poważne uszkodzenie oczu)

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

#### **Działanie uczulające na drogi oddechowe**

Produktu/składnik: alkohol izopropylu  
Metoda badania: OECD 406  
Rodzaj: Świnka morska  
Wynik: Nie zaobserwowano działań szkodliwych (nie uczuła)

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

#### **Działanie uczulające na skórę**

Produktu/składnik: alkohol izopropylu  
Rodzaj: Świnka morska  
Wynik: Nie zaobserwowano działań szkodliwych (nie uczuła)

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

#### Działanie mutagenne na komórki rozrodcze

Produktu/składnik: alkohol izopropylu  
Wniosek: Nie zaobserwowano działań szkodliwych

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

#### Działanie rakotwórcze

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

#### Szkodliwe działanie na rozrodczość

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

#### Działanie toksyczne na narządy docelowe - narażenie jednorazowe

Produktu/składnik: alkohol izopropylu  
Droga narażenia: Doustnie

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

#### Działanie toksyczne na narządy docelowe - narażenie powtarzane

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

#### Zagrożenie spowodowane aspiracją

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

### 11.2. Informacje o innych zagrożeniach

#### Długotrwałe działanie

Nie są znane.

#### Właściwości zaburzające funkcjonowanie układu hormonalnego

Mieszanina/produkt nie zawiera substancji uznawanych za zaburzające funkcjonowanie układu hormonalnego w odniesieniu do zdrowia.

#### Inne informacje

alkohol izopropylu: Substancja została zakwalifikowana do grupy 3 wg IARC.

## SEKCJA 12: INFORMACJE EKOLOGICZNE

### 12.1. Toksyczność

Produktu/składnik: alkohol izopropylu  
Rodzaj: Ryba, Goudwinde (Leuciscus idus)  
Czas: 48 godzin  
Test: LC50  
Wynik: >100 mg/L

Produktu/składnik: alkohol izopropylu  
Rodzaj: Skorupiak, Daphnia magna  
Czas: 48 godzin  
Test: CE50  
Wynik: >100 mg/L

Produktu/składnik: alkohol izopropylu  
Rodzaj: Glon, Scenedesmus subspicatus  
Czas: 72 godzin  
Test: CE50  
Wynik: >100 mg/L

Produktu/składnik: 2-fenoksyetanol; eter monofenyłowy glikolu etylenowego  
Rodzaj: Ryba  
Czas: 96 godzin  
Test: LC50  
Wynik: >100 mg/L

Produktu/składnik: 2-fenoksyetanol; eter monofenyłowy glikolu etylenowego  
Rodzaj: Glon  
Czas: 72 godzin

Test: ErC50  
Wynik: >100 mg/L

Produktu/składnik: 2-fenoksyetanol;eter monofenylowy glikolu etylenowego  
Rodzaj: Daphnia magna  
Czas: 48 godzin  
Test: CE50  
Wynik: >100 mg/L

Produktu/składnik: 2-fenoksyetanol;eter monofenylowy glikolu etylenowego  
Rodzaj: Ryba  
Test: NOEC  
Wynik: 23 mg/L

Produktu/składnik: 2-fenoksyetanol;eter monofenylowy glikolu etylenowego  
Rodzaj: Andere waterorganismen  
Czas: 30 minutes  
Test: CE50  
Wynik: >1000 mg/L

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

#### 12.2. Trwałość i zdolność do rozkładu

Produktu/składnik: alkohol izopropylu  
Wynik: 95%  
Wniosek: Łatwe uleganie biodegradacji  
Test: OECD 301 E

Produktu/składnik: 2-fenoksyetanol;eter monofenylowy glikolu etylenowego  
Wynik: >70  
Wniosek: Łatwe uleganie biodegradacji  
Test: OECD 301 A

#### 12.3. Zdolność do bioakumulacji

Produktu/składnik: alkohol izopropylu  
BCF: <100  
LogKow: <3  
Wniosek: -

Produktu/składnik: 2-fenoksyetanol;eter monofenylowy glikolu etylenowego  
BCF: 0.349  
LogKow: 1.2  
Wniosek: -

#### 12.4. Mobilność w glebie

Brak dostępnych danych.

#### 12.5. Wyniki oceny właściwości PBT i vPvB

Mieszanina/produkt ten nie zawiera żadnej substancji spełniającej kryteria klasyfikacji jako PBT lub vPvB.

#### 12.6. Właściwości zaburzające funkcjonowanie układu hormonalnego

Mieszanina/produkt nie zawiera substancji uznawanych za zaburzające funkcjonowanie układu endokrynnego w odniesieniu do środowiska.

#### 12.7. Inne szkodliwe skutki działania

Nie są znane.

## SEKCJA 13: POSTĘPOWANIE Z ODPADAMI

#### 13.1. Metody unieszkodliwiania odpadów

Wyrób nie podlega regułom dotyczącym niebezpiecznych odpadów.

Rozporządzenie Komisji (UE) NR 1357/2014 z dnia 18 grudnia 2014 r. zastępujące załącznik III do dyrektywy

Parlamentu Europejskiego i Rady 2008/98/WE w sprawie odpadów oraz uchylającej niektóre dyrektywy. Ustawa z dnia 14.12.2012r. o odpadach, (Dz.U.2013 poz.21). Rozporządzenie Ministra Środowiska z dnia 9.12.2014r. w sprawie katalogu odpadów (Dz.U. 2014 poz. 1923).

Europejski kod odpadu (EWC):  
20 01 30 Detergenty inne niż wymienione w 20 01 29

#### Zanieczyszczone opakowanie

Opakowania zawierające pozostałości produktu należy usuwać w taki sam sposób jak produkt.

### SEKCJA 14: INFORMACJE DOTYCZĄCE TRANSPORTU

	14.1 UN / ID	14.2 Prawidłowa nazwa przewozowa UN	14.3 Klasa(-y) zagrożenia w transporcie	14.4 PG*	14.5. Env**	Inne informacje:
ADR	1950	AEROSOLS	Klasa: 2 Nalep-ki: 2.2 Kod klasyfikacyjny: 5A	-	Nie	Ilości ograniczone: 1 L Kategoria transportowa: 3 (E) Patrz poniżej dodatkowe informacje.
IMDG	1950	AEROSOLS	Klasa: 2 Nalep-ki: 2.2 Kod klasyfikacyjny: 5A	-	Nie	Ilości ograniczone: 1 L EmS: F-D S-U Patrz poniżej dodatkowe informacje.
IATA	1950	AEROSOLS	Klasa: 2 Nalep-ki: 2.2 Kod klasyfikacyjny: 5A	-	Nie	Patrz poniżej dodatkowe informacje.

\* Grupa pakowania

\*\* Zagrozenia dla srodowiska

#### Inne

Produkt podlega przepisom dotyczącym przewozu towarów niebezpiecznych.

ADR / Informacje na temat szczególnych przepisów, wymagań lub ostrzeżeń dotyczących transportu zamieszczono w Tabeli A, punkt 3.2.1. Instrukcje pisemne dotyczące sposobów ograniczenia szkód powstałych w wyniku zdarzeń lub wypadków mających miejsce w trakcie transportu zamieszczono w punkcie 5.4.3.

IMGD / Informacje na temat szczególnych przepisów, wymagań lub ostrzeżeń dotyczących transportu zamieszczono w punkt 3.2.1.

IATA / Informacje na temat szczególnych przepisów, wymagań lub ostrzeżeń dotyczących transportu zamieszczono w, punkt 4.2.

#### 14.6. Szczególne środki ostrożności dla użytkowników

Nie dotyczy.

#### 14.7. Transport morski luzem zgodnie z instrumentami IMO

Brak dostępnych danych.

## SEKCJA 15: INFORMACJE DOTYCZĄCE PRZEPISÓW PRAWNYCH

### 15.1. Przepisy prawne dotyczące bezpieczeństwa, zdrowia i ochrony środowiska specyficzne dla substancji lub mieszaniny

*Ograniczenia użycia:*

Produkt przeznaczony wyłącznie do użytku zawodowego.

*Wymagania szczególnego wykształcenia:*

Nie ma specjalnych wymagań.

*SEVESO - Kategorie niebezpiecznych substancji / Wskazane substancje niebezpieczne:*

Nie dotyczy.

*REACH, Załącznik XVII:*

alkohol izopropylu podlega ograniczeniom zawartym w rozporządzeniu REACH (Pozycja nr 40).  
etanol;alkohol etylowy podlega ograniczeniom zawartym w rozporządzeniu REACH (Pozycja nr 40).

*Oznakowanie zawartości zgodnie z Rozporządzeniem nr 648/2004 w sprawie detergentów:*

< 5%

- Anionowe środki powierzchniowo czynne
- Niejonowe środki powierzchniowo czynne
- Kompozycje zapachowe
- Środek konserwujący (PHENOXYETHANOL)

*Inne:*

Nie dotyczy.

*Źródła:*

Dz.U. 2017 poz. 796 Rozporządzenie Rady Ministrów z dnia 3 kwietnia 2017 r. w sprawie wykazu prac uciążliwych, niebezpiecznych lub szkodliwych dla zdrowia kobiet w ciąży i kobiet karmiących dziecko piersią.

Rozporządzenie (WE) nr 648/2004 Parlamentu Europejskiego i Rady z dnia 31 marca 2004 r. w sprawie detergentów.

Rozporządzenie Komisji (UE) NR 1357/2014 z dnia 18 grudnia 2014 r. zastępujące załącznik III do dyrektywy Parlamentu Europejskiego i Rady 2008/98/WE w sprawie odpadów oraz uchylającej niektóre dyrektywy. Ustawa z dnia 14.12.2012r. o odpadach, (Dz.U.2013 poz.21). Rozporządzenie Ministra Środowiska z dnia 9.12.2014r. w sprawie katalogu odpadów (Dz.U. 2014 poz. 1923).

Rozporządzenie Parlamentu Europejskiego i Rady (WE) nr 1272/2008 z dnia 16 grudnia 2008 r. w sprawie klasyfikacji, oznakowania i pakowania substancji i mieszanin (CLP).

Rozporządzenie Ministra Pracy i Polityki Społecznej z dnia 26.09.1997r. w sprawie ogólnych przepisów bezpieczeństwa i higieny pracy. (Dz.U. 2003 nr 169 poz. 1650) z późniejszymi zmianami.

Rozporządzenie Ministra Zdrowia z dnia 30.12.2004 roku w sprawie bezpieczeństwa i higieny pracy związanej z występowaniem w miejscu pracy czynników chemicznych. (Dz. U. z 2005r. Nr 11, poz. 86) z późniejszymi zmianami.

ROZPORZĄDZENIE PARLAMENTU EUROPEJSKIEGO I RADY (UE) 2016/425 z dnia 9 marca 2016 r. w sprawie środków ochrony indywidualnej oraz uchylenia dyrektywy Rady 89/686/EWG.

Ustawa o substancjach i ich mieszaninach z dnia 25.02.2011r. (Dz.U. 2011 nr 63 poz. 322) z późniejszymi zmianami.

Rozporządzenie (WE) nr 1907/2006 PeiR z dnia 18.12.2006r. w sprawie rejestracji, oceny, udzielania zezwoleń i stosowanych ograniczeń w zakresie chemikaliów (REACH), utworzenia Europejskiej Agencji Chemikaliów, zmieniającej dyrektywę 1999/45/WE oraz uchylającą rozporządzenie Rady (EWG) nr 793/93 i rozporządzenie Komisji (WE) nr 1488/94, jak również dyrektywę Rady 76/769/EWG i dyrektywy Komisji 91/155/EWG, 93/67/EWG, 93/105/WE i 2000/21/WE.

### 15.2. Ocena bezpieczeństwa chemicznego

Nie

## SEKCJA 16: INNE INFORMACJE

### Pełne sformułowanie zwrotów ryzyka wymienionych w sekcji 3

H225, Wysoce łatwopalna ciecz i pary.

H302, Działa szkodliwie po połknięciu.

H318, Powoduje poważne uszkodzenie oczu.

H319, Działa drażniąco na oczy.  
H335, Może powodować podrażnienie dróg oddechowych.  
H336, Może wywoływać uczucie senności lub zawroty głowy.

#### **Skróty i akronimy**

ADN = Europejskie Warunki dotyczące Międzynarodowego Przewozu Niebezpiecznych Towarów Wodnymi Drogami Śródlądowymi  
ADR = Europejskie Porozumienie dotyczące Międzynarodowych Przewozów Niebezpiecznych Towarów Transportem Drogowym  
ATE = Szacunkowa toksyczność ostra  
BCF = Współczynnik biokoncentracji  
CAS = Chemical Abstract Service (Serwis Wypisów Chemicznych)  
CE = Zgodność europejska  
CLP = Rozporządzenie dotyczące klasyfikacji, oznakowania i pakowania (Rozporządzenie (WE) nr 1272/2008)  
CSA = Ocena bezpieczeństwa chemicznego  
CSR = Raport bezpieczeństwa chemicznego  
DNEL = Pochodny Poziom Niepowodujący Zmian  
EINECS = Europejski Spis Istniejących Substancji Chemicznych Znajdujących się na Rynku  
ES = Scenariusz narażenia  
EUH statement = CLP Zwrot wskazujący rodzaj zagrożenia  
EuPCS = Europejski system klasyfikacji produktów  
EWC = Europejski Katalog Odpadów  
GHS = Globalnie Zharmonizowany System Klasyfikacji i Oznakowania Chemikaliów  
GWP = Współczynnik globalnego ocieplenia  
IATA = Międzynarodowe Zrzeszenie Przewoźników Powietrznych  
IBC = Intermediate Bulk Container  
IMDG = Międzynarodowy Morski Kod Towarów Niebezpiecznych  
LogPow = logarytm współczynnika podziału oktanolu/wody  
MARPOL = Międzynarodowa Konwencja Zapobiegania Zanieczyszczeniom ze Statków, 1973 modyfikowana Protokołem z roku 1978 (Marpol = zanieczyszczenia morskie)  
NDS = średniej ważonej w czasie  
OECD = Organizacja Współpracy Ekonomicznej i Rozwoju  
PBT = Trwały, wykazujący zdolność do bioakumulacji i toksyczny  
PNEC = Przewidywane Stężenie Niepowodujące Zmian w Środowisku  
RID = Regulamin dla międzynarodowego przewozu kolejami towarów niebezpiecznych  
RRN = Numer rejestracyjny REACH  
SCL = Specyficzne stężenie.  
SVHC = Substancja wzbudzająca poważne obawy  
STOT-RE = Toksyczność docelowa specyficznego narządu - powtarzalne narażenie  
STOT-SE = Toksyczność docelowa specyficznego narządu - jednorazowe narażenie  
UN = Organizacja Narodów Zjednoczonych (ONZ)  
UVCB = Oznacza substancje o nieznanym lub zmiennym składzie, złożone produkty reakcji lub materiały biologiczne.  
VOC = Lotny związek organiczny  
vPvB = Bardzo trwałe i wykazujące bardzo dużą zdolność do bioakumulacji

#### **Inne**

Nie dotyczy.

#### **Karta charakterystyki została zatwierdzona przez**

Quality & Compliance

#### **Inne**

Zmiany w stosunku do ostatniej aktualizacji (pierwsza cyfra w wersji karty SDS, sekcji 1) tej karty charakterystyki są oznakowane trójkątami.  
Informacje zawarte w niniejszej karcie charakterystyki odnoszą się tylko do produktu wymienionego w sekcji 1 i mogą nie być aktualne w odniesieniu do użycia razem z innymi produktami.  
Zaleca się dostarczenie niniejszej karty charakterystyki faktycznemu użytkownikowi produktu. Wymienione informacje nie mogą być używane jako specyfikacja produktu.  
Kraj-język: PL-pl

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for QATAR according to GHS

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

26/05/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

Contact the local emergency services.  
See section 4 "First aid measures".

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

#### 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

**Hazard statement(s):**

Pressurised container: May burst if heated. (H229)

**Precautionary statement(s):**

**General:**

-

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

**Response:**

-

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

**Disposal:**

-

**Hazardous substances:**

Does not contain any substances required to report

**Additional labelling:**

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**General information:**

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation:**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact:**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion:**

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

**Burns:**

Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medic**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

**5.1. Extinguishing media**

Not applicable.

**5.2. Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures**

Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**6.3. Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

**6.4. Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Keep only in original packaging.

*Storage conditions:*

Dry, cool and well ventilated

*Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**7.3. Specific end use(s)**

This product should only be used for applications quoted in section 1.2.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

No substances are listed with an occupational exposure limit.

**8.2. Exposure controls**

Apply general control to prevent unnecessary exposure

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:*

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*

No specific requirements.

**Individual protection measures, such as personal protective equipment**

*Generally:*

Use only CE marked protective equipment.

*Respiratory Equipment:*

Type	Class	Colour	Standards	
No special when used as intended.				

*Skin protection:*

According to GHS Rev. 8, 2019

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Eye protection:*

Type	Standards	
No special when used as intended.	-	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Form:*

Liquid

*Colour:*

White

*Odour:*

Of perfume

*Odour threshold (ppm):*

No data available.

*pH:*

ca. 9

*Density (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematic viscosity:*

No data available.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

### Phase changes

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

*Evaporation rate (n-butylacetate = 100):*

#### **Data on fire and explosion hazards**

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Explosion limits (% v/v):*

No data available.

#### **Solubility**

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

#### **9.2. Other information**

No data available.

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

No data available.

#### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **10.3. Possibility of hazardous reactions**

None known.

#### **10.4. Conditions to avoid**

None known.

#### **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

According to GHS Rev. 8, 2019

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>20

---

Product/substance	isopropyl alcohol
Route of exposure:	Oral
Test:	LD50
Result:	5849 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5840 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	12800 mg/kg

---

Product/substance	isopropyl alcohol
Route of exposure:	Inhalation
Test:	LC50
Result:	301002 mg/L

---

Product/substance	2-phenoxyethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1840 mg/kg

---

Product/substance	2-phenoxyethanol
Species:	Rabbit
Route of exposure:	Dermal
Result:	>5000 mg/kg

Based on available data, the classification criteria are not met.

#### **Skin corrosion/irritation**

Product/substance	isopropyl alcohol
Test method:	OECD 404
Species:	Rabbit
Duration:	4 hours

---

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

#### **Serious eye damage/irritation**

Product/substance	isopropyl alcohol
Species:	Rabbit

According to GHS Rev. 8, 2019

Result:	Adverse effect observed (Irritating)
Product/substance	isopropyl alcohol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Product/substance	isopropyl alcohol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Product/substance	isopropyl alcohol
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Product/substance	isopropyl alcohol
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.  
isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Product/substance	isopropyl alcohol
Route of exposure:	Oral

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Long term effects

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Product/substance	isopropyl alcohol
Species:	Fish, Goudwinde (Leuciscus idus)
Duration:	48 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Crustacean, Daphnia magna
Duration:	48 hours

According to GHS Rev. 8, 2019

Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, Scenedesmus subspicatus  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Daphnia magna  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC  
Result: 23 mg/L

Product/substance 2-phenoxyethanol  
Species: Andere waterorganismen  
Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

## 12.2. Persistence and degradability

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

## 12.3. Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

According to GHS Rev. 8, 2019

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Product is not covered by regulations on dangerous waste.

#### Specific labelling

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

### **Additional information**

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

## **SECTION 15: REGULATORY INFORMATION**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*Additional information:*

Not applicable.

*Sources:*

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

### **15.2. Chemical safety assessment**

No

## **SECTION 16: OTHER INFORMATION**

### **Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

H336, May cause drowsiness or dizziness.

### **The full text of identified uses as mentioned in section 1**

None known.

### **Abbreviations and acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NFPA = National Fire Protection Association  
NIOSH = National Institute for Occupational Safety and Health  
OECD = Organisation for Economic Co-operation and Development  
OSHA = Occupational Safety and Health Administration  
PBT = Persistent, Bioaccumulative and Toxic  
RCRA = Resource Conservation and Recovery Act  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SARA = Superfund Amendments and Reauthorization Act  
SCL = A specific concentration limit.  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TSCA = The Toxic Substances Control Act  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: QA-en

## FIȘĂ CU DATE DE SECURITATE

# i.26 kitchen polish (Alu-Air)

## SECȚIUNEA 1: IDENTIFICAREA SUBSTANȚEI/AMESTECULUI ȘI A SOCIETĂȚII/ÎNTRERINDERII

### 1.1. Element de identificare a produsului

*Nume comercial:*

i.26 kitchen polish (Alu-Air)

*Identificator de formulă unic (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Utilizări relevante identificate ale substanței sau ale amestecului și utilizări contraindicate

*Utilizări de identificare relevante ale substanței sau amestecurilor:*

Detergenți și agenți de curățare (inclusiv cei pe bază de solvenți)

Utilizare limitată numai în scopuri profesionale.

*Utilizați împotriva:*

Nimeni familiar.

### 1.3. Detalii privind furnizorul fișei cu date de securitate

*Companie și adresă:*

**Hygeniq B.V.**

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

*E-mail:*

info@hygeniq.com

*Revizuire:*

26.05.2025

*Versiune SDS:*

1.0

### 1.4. Număr de telefon care poate fi apelat în caz de urgență

BIROUL PT REGULAMENTUL SANITAR INTERNATIONAL SI INFORMARE TOXICOLOGICA: (+40) 21 599 2300

Vedeți secțiunea 4 - Măsurile de prim ajutor

## SECȚIUNEA 2: IDENTIFICAREA PERICOLELOR

Clasificat conform Regulamentului (CE) nr. 1272/2008 (CLP).

### 2.1. Clasificarea substanței sau a amestecului

Aerosol 3; H229, Recipient sub presiune: Poate exploda dacă este încălzit.

### 2.2. Elemente pentru etichetă

*Pictograma periculoasă:*

Nu este aplicabil.

*Cuvânt de semnal:*

**Atenție**

**Declarație periculoasă:**

Recipient sub presiune: Poate exploda dacă este încălzit. (H229)

**Fraze de precauție:**

**General:**

-

**Prevenire:**

A se păstra departe de surse de căldură, suprafețe încinse, scânteii, flăcări deschise sau alte surse de aprindere.

Fumatul interzis. (P210)

Nu perforați sau ardeți, chiar și după utilizare. (P251)

**Raspuns:**

-

**Stocare:**

A se proteja de lumina solară. Nu expuneți la temperaturi care depășesc 50 °C/122 °F. (P410+P412)

**Aruncare:**

-

**Identitatea substanțelor ce sunt responsabile pentru majoritatea pericolelor de sănătate.:**

Nu conține substanțe necesare pentru a raporta

**Etichetare adițională:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Etichetarea conținutului în conformitate cu Regulamentul privind detergenții 648/2004:**

< 5%

- Agenți tensioactivi anionici
- Agenți tensioactivi neionici
- Parfumuri
- Conservant (PHENOXYETHANOL)

**2.3. Alte pericole**

**Avertismente adiționale:**

Acest amestec/produs nu conține nicio substanță care îndeplinește criteriile de clasificare ca PBT și/sau vPvB.

Acest produs nu conține substanțe considerate a fi perturbatoare endocrine în conformitate cu criteriile incluse în Regulamentul Delegat al Comisiei (UE) 2017/2100 sau Regulamentul Comisiei (UE) 2023/707.

**SECȚIUNEA 3: COMPOZIȚIE/INFORMAȚII PRIVIND COMPONENTII**

**3.1. Substanțe**

Nu este aplicabil. Acest produs este un amestec.

**3.2. Amestecuri**

Produs/ingredient	Identificatori	% w/w	Clasificare	Notițe
alcool izopropilic	Nr. CAS: 67-63-0 Nr. CE: 200-661-7 REACH: Nr. de index: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
etanol;alcool etilic	Nr. CAS: 64-17-5 Nr. CE: 200-578-6 REACH: Nr. de index: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoxietanol	Nr. CAS: 122-99-6 Nr. CE: 204-589-7 REACH: 01-2119488943-21	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318	

	Nr. de index: 603-098-00-9		STOT SE 3, H335	
--	----------------------------	--	-----------------	--

Vedeți textul complet al frazelor H în secțiunea 16. Limitele de expunere ocupaționale sunt listate în secțiunea 8, dacă sunt disponibile.

#### Alte informații

-

## SECȚIUNEA 4: MĂSURI DE PRIM AJUTOR

### 4.1. Descrierea măsurilor de prim ajutor

#### *Informații generale:*

În cazul accidentului contactați imediat doctorul sau departamentul în cauză. Luați cu dvs. Eticheta sau dateșe de siguranță.

Contactați un doctor, dacă aveți dubii cu privire la condițiile persoanei rănite sau dacă simptomele continuă. Niciodată nu oferiți unei persoane inconștiente apă sau produse similare.

#### *Inhalare:*

La dificultăți de respirație sau iritații ale tractului respirator: Scoateți persoana la aer curat și rămâneți cu ea.

#### *Contact cu pielea:*

Îndepărtați hainele și pantofii contaminați imediat. Pielea care a intrat în contact cu materialul trebuie să fie spălată corespunzător cu apă și săpun. Puteți utiliza detergent pentru piele. NU folosiți solvenți sau diluanți.

#### *Contactul cu ochii:*

ÎN CAZ DE CONTACT CU OCHII: Clătiți ochii cu apă sau apă de mare (20-30 °C) pentru cel puțin 5 minute.

Îndepărtați lentilele de contact. Apelați la asistență medicală și continuați să vă clătiți pe drum.

#### *Înghițire:*

Dacă persoana este conștientă, clățiți-i gura cu apă și rămâneți cu persoana respectivă. Dacă persoana nu se simte bine, contactați imediat doctorul și luați datele de siguranță sau eticeta produsului cu dvs. Nu induceți vomitarea decât dacă acest lucru este recomandat de doctor. Țineți capul în jos astfel încât voma să nu intre înapoi în gură și gât.

#### *Arsuri:*

Nu este aplicabil.

### 4.2. Cele mai importante simptome și efecte, atât acute, cât și întârziate

Nimeni familiar.

### 4.3. Indicații privind orice fel de asistență medicală imediată și tratamentele speciale necesare

Tratați simptomatic.

#### Informații pentru medici

Aduceți fișă cu date de securitate și eticheta materialului cu dvs.

## SECȚIUNEA 5: MĂSURI DE COMBATERE A INCENDIILOR

### 5.1. Mijloace de stingere a incendiilor

Nu este aplicabil.

### 5.2. Pericole speciale cauzate de substanța sau de amestecul în cauză

Recipient sub presiune. În caz de incendiu sau încălzire, va apărea o creștere a presiunii și recipientul poate exploda. Focul va rezulta într-un fum gros. Expunerea la produsele catabolice pot dăuna sănătății. Containerele închise ce sunt expuse la foc trebuie să fie răcite cu apă. Nu lăsați apa din extincătoare de foc să intre în containere și alți curenți de apă.

Dacă produsul este expus la temperaturi ridicate, precum focul, sunt produse substanțe catabolice periculoase.

Acestea sunt

Oxizi de carbon (CO / CO<sub>2</sub>)

Unele metale oxidate

### 5.3. Recomandari destinate pompierilor

Purtați aparate de respirație independente și echipamente de protecție pentru a preveni contactul.

## SECȚIUNEA 6: MĂSURI DE LUAT ÎN CAZ DE DISPERSIE ACCIDENTALĂ

### 6.1. Precauții personale, echipament de protecție și proceduri de urgență

Asigurați o ventilație adecvată, în special în spațiile închise.  
Zonele contaminate pot fi alunecoase.

### 6.2. Precauții pentru mediul înconjurător

Evitați descărcarea în lacuri, ape curgătoare, canale colectoare, etc.  
Țineți persoanele neautorizate departe de deversare.

### 6.3. Metode și material pentru izolarea incendiilor și pentru curățenie

Opriti și colectați scurgerile cu material necombustibil, absorbant, de ex. nisip, pământ, vermiculită sau pământ de diatomee, și puneți-le într-un recipient pentru eliminare în conformitate cu reglementările locale.  
Curățarea trebuie să fie făcută cât mai departe posibil utilizând agenți de curățare. Nu utilizați solvenți.

### 6.4. Trimitere la alte secțiuni

Vedeți secțiunea 13 Considerații privind eliminarea - pentru manipularea deșeurilor.  
Vedeți secțiunea 8 Controale ale expunerii/protecția personală măsuri de protecție.

## SECȚIUNEA 7: MANIPULAREA ȘI DEPOZITAREA

### 7.1. Precauții pentru manipularea în condiții de siguranță

Nu perforați sau ardeți, chiar și după utilizare.

Fumatul, consumul alimentelor și lichidelor, și stocarea tutunului, alimentelor și lichidelor nu este permisă în zonele de lucru.

Vedeți secțiunea Controale ale expunerii/protecția personală pentru informații privind măsuri de protecție personală.

### 7.2. Condiții de depozitare în condiții de siguranță, inclusiv eventuale incompatibilități

Depozitați în containere bine închise și păstrați-le protejat de umiditate și lumină. Containerelor trebuie datate atunci când sunt deschise și testate periodic pentru prezența peroxidilor. Nu depășiți termenele de depozitare.  
Containerelor care au fost deschise trebuie să fie eliberate cu atenție și menținute drepte pentru a preveni scurgerile.

*Compatibilitățile privind ambalarea:*

A se păstra numai în ambalajul original.

*Condiții de depozitare:*

Uscată, răcoroasă și bine ventilată

*Materiale incompatibile:*

Acizi puternici, baze puternice, agenți de oxidare puternici, și agenți de reducere puternici

### 7.3. Utilizare (utilizari) finala (finale) specifica (specifice)

Acest produs trebuie să fie utilizat doar pentru aplicarea descrisă în secțiunea 1.2.

## SECȚIUNEA 8: CONTROALE ALE EXPUNERII/PROTECȚIA PERSONALĂ

### 8.1. Parametri de control

Aluminium oxide

Valoare limită maximă (8 ore) (mg/m<sup>3</sup>): 2

Valoare limită maximă (8 ore) (ppm): 0,5

Valoare limită maximă, termen scurt (15 minute) (mg/m<sup>3</sup>): 50

Valoare limită maximă, termen scurt (15 minute) (ppm): 1,2

alcool izopropilic

Valoare limită maximă (8 ore) (mg/m<sup>3</sup>): 200

Valoare limită maximă (8 ore) (ppm): 81

Valoare limită maximă, termen scurt (15 minute) (mg/m<sup>3</sup>): 500

Valoare limită maximă, termen scurt (15 minute) (ppm): 203

etanol;alcool etilic

Valoare limită maximă (8 ore) (mg/m<sup>3</sup>): 1900

Valoare limită maximă (8 ore) (ppm): 1000

Valoare limită maximă, termen scurt (15 minute) (mg/m<sup>3</sup>): 9500

Valoare limită maximă, termen scurt (15 minute) (ppm): 5000

HOTĂRÂRE Nr. 1218 din 6 septembrie 2006 privind stabilirea cerințelor minime de securitate și sănătate în muncă pentru asigurarea protecției lucrătorilor împotriva riscurilor legate de prezenta agenților chimici.

## DNEL

### 2-fenoxietanol

Durata:	Ruta expunerii:	DNEL:
Termen lung - efecte sistemice	Epidermică	10,42 mg/kg
Termen lung - efecte sistemice - lucrători	Epidermică	34.72 mg/kg/zi
Termen lung - efecte sistemice - populație generală	Epidermică	20,83 mg/kg
Termen lung - efecte locale - lucrători	Inhalare	5,7 mg/m <sup>3</sup>
Termen lung - efecte sistemice	Inhalare	2,41 mg/m <sup>3</sup>
Termen lung - efecte sistemice - lucrători	Inhalare	5,7 mg/m <sup>3</sup>
Termen lung - efecte sistemice - lucrători	Inhalare	8.07 mg/m <sup>3</sup>
Termen lung	Orală	9,23 mg/kg

### alcool izopropilic

Durata:	Ruta expunerii:	DNEL:
Termen lung - efecte sistemice - lucrători	Epidermică	888 mg/m <sup>3</sup>
Termen lung - efecte sistemice - populație generală	Epidermică	319 mg/kg
Termen lung - efecte sistemice - lucrători	Inhalare	500 mg/m <sup>3</sup>
Termen lung - efecte sistemice - populație generală	Inhalare	89 mg/m <sup>3</sup>
Termen lung - efecte sistemice - populație generală	Inhalare	89 mg/m <sup>3</sup>
Termen lung - efecte sistemice - populație generală	Orală	26 mg/kg

### etanol;alcool etilic

Durata:	Ruta expunerii:	DNEL:
Termen lung - efecte sistemice - lucrători	Epidermică	343 mg/kg/zi
Termen lung - efecte sistemice - populație generală	Epidermică	206 mg/kg/zi
Termen lung - efecte sistemice - lucrători	Inhalare	380 mg/m <sup>3</sup>
Termen lung - efecte sistemice - populație generală	Inhalare	114 mg/m <sup>3</sup>
Termen scurt - efecte locale - lucrători	Inhalare	1900 mg/m <sup>3</sup>
Termen scurt - efecte locale - populație generală	Inhalare	950 mg/m <sup>3</sup>
Termen lung - efecte sistemice - populație generală	Orală	87 mg/kg/zi

## PNEC

### 2-fenoxietanol

Ruta expunerii:	Durata expunerii:	PNEC:
Apă de mare		0.0943 mg/L
Apă dulce		0,943 mg/L
Sedimente de apă de mare		0,7237 mg/kg
Sedimente de apă dulce		7.2366 mg/kg

Sol		1,26 mg/kg
Stație de epurare a apelor uzate		24,8 mg/L
Stație de epurare a apelor uzate	Singulară	36 mg/L

#### alcool izopropilic

Ruta expunerii:	Durata expunerii:	PNEC:
Apă de mare		140,9 mg/L
Apă dulce		140,9 mg/L
Eliberare intermitentă		140,9 mg/L
Sedimente de apă de mare		552 mg/kg
Sedimente de apă dulce		552 mg/kg
Sol		28 mg/kg
Stație de epurare a apelor uzate		2251 mg/L

#### etanol;alcool etilic

Ruta expunerii:	Durata expunerii:	PNEC:
Apă de mare		790 µg/L
Apă dulce		960 µg/L
Eliberare intermitentă (apă dulce)		2.75 mg/L
Prădători		380-720 mg/kg
Sedimente de apă de mare		2.9 mg/kg
Sedimente de apă dulce		3.6 mg/kg
Sol		630 µg/kg
Stație de epurare a apelor uzate		580 mg/L

## 8.2. Controale ale expunerii

Conformarea cu expunerea statică limitează valorile iar acestea trebuie să fie verificate regulat.

#### Recomandari generale:

Fumatul, consumul alimentelor și lichidelor, și stocarea tutunului, alimentelor și lichidelor nu este permisă în zonele de lucru.

#### Scenariile de expunere:

Nu există scenarii de expunere implementate pentru acest produs

#### Limite expunere:

Utilizatorii comerciali sunt acoperiți de regulile privind legislația muncii într-un mediu cu concentrare maximă pentru expunere. Vedeți igiena la locul de muncă și valorile permise.

#### Măsuri tehnice corespunzătoare:

Formarea vaporilor trebuie menținută la un nivel minim și sub valorile limitei curente (a se vedea mai sus). Se recomandă montarea unui sistem local de evacuare dacă fluxul de aer normal din camera de lucru nu este suficient. Asigurați-vă că dușurile de urgență pentru corp și pentru spălarea ochilor sunt marcate în mod clar. Aplicați măsurile standard de precauție în timpul utilizării produsului. Evitați inhalarea vaporilor.

#### Măsuri de igiena:

Atunci când doriți să luați o pauză de la utilizarea acestui produs sau când ați terminat, toate zonele corpului expuse trebuie să fie spălate. Acordați o atenție deosebită mâinilor, antebrățelor și feței.

#### Măsuri pentru evitarea expunerii la mediu:

Nu există cerințe specifice.

## Măsuri de protecție individuale, cum ar fi echipamente de protecție personale

#### General:

Utilizați doar echipamentele de protecție marcate CE

#### Echipament de respirație:

Tipul	Clasa	Culoare	Standardele
Nu este special dacă este utilizat după scop			

*Protecția pielii:*

Recomandat	Tip/Categoria	Standardele
Nu este special dacă este utilizat după scop	-	-

*Protecția mâinii:*

Situație de lucru	Material	Grosimea minimă a stratului (mm)	Timpul de perforare (min.)	Standardele
	Nu este special dacă este utilizat după scop	-	-	-
În cazul expunerii prelungite sau al concentrațiilor ridicate	Bumbac / Cauciuc nitrilic	-	> 240	EN374-2, EN16523-1, EN388



*Protecția ochilor:*

Tipul	Standardele
Nu este special dacă este utilizat după scop	-

## SECȚIUNEA 9: PROPRIETĂȚILE FIZICE ȘI CHIMICE

### 9.1. Informații privind proprietățile fizice și chimice de bază

*Forma:*

Lichid

*Culoare:*

Alb

*Parfum / Pragul de acceptare a mirosului (ppm):*

De parfum

*pH:*

ca. 9

*Densitate (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Viscozitatea cinematică:*

Nu există date disponibile.

*Viscozitate dinamică:*

ca 1000 mPa.s (20 °C)

*Caracteristicile particulei:*

Nu se aplică lichidelor.

#### Modificari fazice

*Punctul de topire/punctul de înghețare (°C):*

Nu există date disponibile.

*Punctul / intervalul de înmuiere (°C):*

Nu se aplică lichidelor.

*Punct de fierbere (°C):*

Nu există date disponibile.

*Presiune vaporica:*

Nu există date disponibile.

*Densitatea relativă a vaporilor:*

Nu există date disponibile.

*Temperatura de descompunere (°C):*

Nu există date disponibile.

#### **Date privind focul și pericolele de explozie**

*Temperatura de aprindere (°C):*

Nu există date disponibile.

*Inflamabilitatea (°C):*

Nu există date disponibile.

*Temperatura de autoaprindere (°C):*

Nu există date disponibile.

*Limite expunere (Vol%):*

Nu există date disponibile.

#### **Solubilitate**

*Solubilitate în apă:*

Nu există date disponibile.

*n-octanol/ coeficient apă (LogKow):*

Nu există date disponibile.

*Solubilitate în grasimi (g/L):*

Nu există date disponibile.

#### **9.2. Alte informații**

*Alți parametri fizici și chimici:*

Nu există date disponibile.

*Proprietăți oxidante:*

Nu există date disponibile.

## **SECȚIUNEA 10: STABILITATE ȘI REACTIVITATE**

#### **10.1. Reactivitate**

Nu există date disponibile.

#### **10.2. Stabilitate chimică**

Produsul este stabil în conformitate cu condițiile, notate în secțiunea 7 "Manipularea și depozitarea"

#### **10.3. Posibilitatea de reacții periculoase**

Nimeni familiar.

#### **10.4. Condiții de evitat**

Nimeni familiar.

#### **10.5. Materiale incompatibile**

Acizi puternici, baze puternice, agenți de oxidare puternici, și agenți de reducere puternici

#### **10.6. Produși de descompunere periculoși**

În condiții normale de depozitare și utilizare, nu ar trebui să se genereze produși de descompunere periculoși.

## **SECȚIUNEA 11: INFORMAȚII TOXICOLOGICE**

#### **11.1. Informații privind clasele de pericol definite în Regulamentul (CE) nr. 1272/2008**

##### **Toxicitate acută**

Produs/ingredient	Aluminium oxide
Specii:	Șobolan
Ruta expunerii:	Inhalare
Test:	LC50

Este conform cu Regulamentul (CE) nr. 1907/2006 (REACH), Anexa II, amendată prin Regulamentul (UE) nr. 2020/878

Rezultat: > 5 mg/L

Produs/ingredient  
Specii: Aluminiu oxide  
Șobolan  
Ruta expunerii: Orală  
Rezultat: > 5000 mg/kg

Produs/ingredient  
Specii: alcool izopropilic  
Șobolan  
Ruta expunerii: Orală  
Test: LD50  
Rezultat: >2000 mg/kg

Produs/ingredient  
Specii: alcool izopropilic  
Iepure  
Ruta expunerii: Epidermică  
Test: LD50  
Rezultat: >2000 mg/kg

Produs/ingredient  
Specii: alcool izopropilic  
Șobolan  
Ruta expunerii: Inhalare  
Test: LC50  
Rezultat: >20

Produs/ingredient  
Ruta expunerii: alcool izopropilic  
Orală  
Test: LD50  
Rezultat: 5849 mg/kg

Produs/ingredient  
Specii: alcool izopropilic  
Șobolan  
Ruta expunerii: Orală  
Test: LD50  
Rezultat: 5840 mg/kg

Produs/ingredient  
Specii: alcool izopropilic  
Iepure  
Ruta expunerii: Epidermică  
Test: LD50  
Rezultat: 12800 mg/kg

Produs/ingredient  
Ruta expunerii: alcool izopropilic  
Inhalare  
Test: LC50  
Rezultat: 301002 mg/L

Produs/ingredient  
Specii: 2-fenoxietanol  
Șobolan  
Ruta expunerii: Orală  
Test: LD50  
Rezultat: 1840 mg/kg

Produs/ingredient  
Specii: 2-fenoxietanol  
Iepure  
Ruta expunerii: Epidermică  
Rezultat: >5000 mg/kg

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

### **Coroziunea/ iritația pielii**

---

Produs/ingredient	alcool izopropilic
Metoda de testare:	OECD 404
Specii:	Iepure
Durata:	4 hours

---

Produs/ingredient	2-fenoxietanol
Rezultat:	Se observă efecte adverse (Corosiv)

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

#### **Daune serioase ale ochilor/ iritație**

Produs/ingredient	Aluminium oxide
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Produs/ingredient	alcool izopropilic
Specii:	Iepure
Rezultat:	Se observă efecte adverse (Iritant)

---

Produs/ingredient	alcool izopropilic
Metoda de testare:	OECD 405
Specii:	Iepure
Rezultat:	Se observă efecte adverse (Provoacă leziuni oculare grave)

---

Produs/ingredient	2-fenoxietanol
Rezultat:	Se observă efecte adverse (Provoacă leziuni oculare grave)

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

#### **Sensibilizarea căilor respiratorii**

Produs/ingredient	alcool izopropilic
Metoda de testare:	OECD 406
Specii:	Cobai
Rezultat:	Nu se observă efecte adverse (nesensibilizând)

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

#### **Sensibilizarea pielii**

Produs/ingredient	alcool izopropilic
Specii:	Cobai
Rezultat:	Nu se observă efecte adverse (nesensibilizând)

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

#### **Mutație celule embrioni**

Produs/ingredient	alcool izopropilic
Concluzie:	Nu se observă efecte adverse

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

#### **Cancerigenitate**

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

#### **Toxicitate reproductiva**

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

#### **Expunere singulara STOT**

Produs/ingredient	alcool izopropilic
Ruta expunerii:	Orală

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

#### **Expunere repetata STOT**

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

#### **Aspirare periculoasa**

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

### **11.2. Informații privind alte pericole**

#### **Efecte pe termen lung**

Nimeni familiar.

### Proprietăți de perturbator endocrin

Acest amestec/produs nu conține nicio substanță considerată a avea proprietăți de perturbare hormonală în ceea ce privește sănătatea.

### Alte informații

alcool izopropilic: Substanța a fost clasificată în grupa 3 de către IARC.

## SECȚIUNEA 12: INFORMAȚII ECOLOGICE

### 12.1. Toxicitatea

Produs/ingredient      alcool izopropilic  
Specii:                      Pește, Goudwinde (Leuciscus idus)  
Durata:                      48 ore  
Test:                         LC50  
Rezultat:                    >100 mg/L

Produs/ingredient      alcool izopropilic  
Specii:                      Crustacee, Daphnia magna  
Durata:                      48 ore  
Test:                         EC50  
Rezultat:                    >100 mg/L

Produs/ingredient      alcool izopropilic  
Specii:                      Alge, Scenedesmus subspicatus  
Durata:                      72 ore  
Test:                         EC50  
Rezultat:                    >100 mg/L

Produs/ingredient      2-fenoxietanol  
Specii:                      Pește  
Durata:                      96 ore  
Test:                         LC50  
Rezultat:                    >100 mg/L

Produs/ingredient      2-fenoxietanol  
Specii:                      Alge  
Durata:                      72 ore  
Test:                         ErC50  
Rezultat:                    >100 mg/L

Produs/ingredient      2-fenoxietanol  
Specii:                      Daphnia magna  
Durata:                      48 ore  
Test:                         EC50  
Rezultat:                    >100 mg/L

Produs/ingredient      2-fenoxietanol  
Specii:                      Pește  
Test:                         NOEC  
Rezultat:                    23 mg/L

Produs/ingredient      2-fenoxietanol  
Specii:                      Andere waterorganismen  
Durata:                      30 minutes  
Test:                         EC50  
Rezultat:                    >1000 mg/L

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

### 12.2. Persistența și degradabilitatea

Produs/ingredient      alcool izopropilic

Este conform cu Regulamentul (CE) nr. 1907/2006 (REACH), Anexa II, amendată prin Regulamentul (UE) nr. 2020/878

Rezultat: 95%  
Concluzie: Biodegradabilitate rapidă  
Test: OECD 301 E

Produs/ingredient 2-fenoxietanol  
Rezultat: >70  
Concluzie: Biodegradabilitate rapidă  
Test: OECD 301 A

### 12.3. Potențialul de bioacumulare

Produs/ingredient alcool izopropilic  
BCF: <100  
LogKow: <3  
Concluzie: -

Produs/ingredient 2-fenoxietanol  
BCF: 0.349  
LogKow: 1.2  
Concluzie: -

### 12.4. Mobilitatea în sol

Nu există date disponibile.

### 12.5. Rezultatele evaluărilor PBT și vPvB

Acest amestec/produs nu conține nicio substanță care îndeplinește criteriile de clasificare ca PBT și/sau vPvB.

### 12.6. Proprietăți de perturbator endocrin

Acest amestec/produs nu conține nicio substanță considerată a avea proprietăți de perturbare a sistemului endocrin în raport cu mediul.

### 12.7. Alte efecte adverse

Nimeni familiar.

## SECȚIUNEA 13: CONSIDERAȚII PRIVIND ELIMINAREA

### 13.1. Metode de tratare a deșeurilor

Acest produs nu este acoperit de regulamentele privind deșeurile periculoase. Regulamentul (UE) NR. 1357/2014 al Comisiei din 18 decembrie 2014 privind deșeurile.

Cod EWC:

20 01 30 Detergenți, alții decât cei de la 20 01 29

### Ambalare contaminată

Pachetele ce conțin resturi din produse trebuie dispuse în același loc ca și produsul.

## SECȚIUNEA 14: INFORMAȚII REFERITOARE LA TRANSPORT

	14.1 ONU	14.2 Denumirea corectă ONU pentru expediție	14.3 Clasa (clasele) de pericol pentru transport	14.4 PG*	14.5. Env**	Alte informații:
ADR	1950	AEROSOLS	Clasa: 2 Etichete: 2.2 Cod de clasificare: 5A	-	Nu	Cantități limitate: 1 L Cod restricție tunel: 3 (E) Consultați mai jos informațiile

	14.1 ONU	14.2 Denumirea corectă ONU pentru expediție	14.3 Clasa (clasele) de pericol pentru transport	14.4 PG*	14.5. Env**	Alte informații:
						suplimentare .
IMDG	1950	AEROSOLS	Clasa: 2 Etichete: 2.2 Cod de clasificare: 5A	-	Nu	Cantități limitate: 1 L EmS: F-D S-U Consultați mai jos informațiile suplimentare .
IATA	1950	AEROSOLS	Clasa: 2 Etichete: 2.2 Cod de clasificare: 5A	-	Nu	Consultați mai jos informațiile suplimentare .

\* Grupul de ambalare

\*\* Pericole pentru mediul înconjurător

#### Informații adiționale

Acest produs este acoperit prin convențiile pentru bunurile periculoase.

ADR / Consultați tabelul A, secțiunea 3.2.1 pentru informații privind prevederile speciale, cerințele sau avertismentele legate de transport. Consultați secțiunea 5.4.3 pentru instrucțiuni în scris privind diminuarea daunelor în legătură cu incidentele sau accidentele din timpul transportului.

IMDG / Consultați secțiunea 3.2.1 pentru informații privind prevederile speciale, cerințele sau avertismentele legate de transport.

IATA / Consultați tabelul 4.2 pentru informații privind prevederile speciale, cerințele sau avertismentele legate de transport.

#### 14.6. Precauții speciale pentru utilizatori

Nu este aplicabil.

#### 14.7. Transportul maritim în vrac în conformitate cu instrumentele OMI

Nu există date disponibile.

## SECȚIUNEA 15: INFORMAȚII DE REGLEMENTARE

### 15.1. Regulamente/legislație în domeniul securității, al sănătății și al mediului specifice (specifică) pentru substanța sau amestecul în cauză

*Restricții pentru aplicare:*

Utilizare limitată numai în scopuri profesionale.

*Cerințe pentru instruire corespunzătoare:*

Nu există cerințe specifice.

*SEVESO - Categoriile de substanțe periculoase / Denumirea substanțelor periculoase:*

Nu este aplicabil.

*REACH, Anexa XVII:*

alcool izopropilic este supusă restricțiilor REACH (Intrare nr. 40).

etanol; alcool etilic este supusă restricțiilor REACH (Intrare nr. 40).

*Etichetarea conținutului în conformitate cu Regulamentul privind detergenții 648/2004:*

< 5%

- Agenți tensioactivi anionici
- Agenți tensioactivi neionici

- Parfumuri
- Conservant (PHENOXYETHANOL)

**Informații adiționale:**

Nu este aplicabil.

**Surse:**

Ordonanță de urgență nr. 96 din 14 octombrie 2003 privind protecția maternității la locurile de muncă și modificată prin Legea nr. 25 din 5 martie 2004.

Regulamentul (CE) nr. 648/2004 al Parlamentului European și al Consiliului din 31 martie 2004 privind detergenții.

Regulamentul (UE) NR. 1357/2014 al Comisiei din 18 decembrie 2014 privind deșeurile.

Regulamentul (CE) nr. 1272/2008 al Parlamentului European și al Consiliului din 16 decembrie 2008 privind clasificarea, etichetarea și ambalarea substanțelor și a amestecurilor (CLP).

Regulamentul (CE) nr. 1907/2006 al Parlamentului European și al Consiliului din 18 decembrie 2006 privind înregistrarea, evaluarea, autorizarea și restricționarea substanțelor chimice (REACH).

**15.2. Evaluarea securității chimice**

Nu

## SECȚIUNEA 16: ALTE INFORMAȚII

**Textul complet al frazelor H sunt menționate în secțiunea 3.**

H225, Lichid și vapori foarte inflamabili.

H302, Nociv în caz de înghițire.

H318, Provoacă leziuni oculare grave.

H319, Provoacă o iritare gravă a ochilor.

H335, Poate provoca iritarea căilor respiratorii.

H336, Poate provoca somnolență sau amețeală.

**Abrevieri și acronime**

ADN = Prevederile Europene privind Transportul Internațional de Mărfuri Periculoase pe Ape Continentale

ADR = Acordul European privind Transportul Internațional Rutier de Mărfuri Periculoase

TAE = Toxicitate Acută Estimată

FBC = Factor de Bioconcentrație

CAS = Serviciul de Catalogare al Chimicalelor

CE = Conformitate Européenne

CLP = Regulamentul privind Clasificarea, Etichetarea și Ambalarea [Regulamentul (CE) Nr. 1272/2008

COV = Compus Organic Volatil

CSA = Evaluare privind Siguranța Chimică

CSR = Raport privind Siguranța Chimică

DNEL = Nivel Fără Efect

EINECS = Inventarul European al Substanțelor Chimice Existente pe piață

ES = Scenariu de Expunere

specificare EUH = specificare privind pericolul specifică CLP

EuPCS = Sistemul european de clasificare a produselor

EWC = Catalog European pentru Deșeuri

GHS = Sistem Global Harmonizat al Clasificării și Etichetării Chimicalelor

GWP = Potențialul de încălzire globală

IATA = Asociația Internațională a Transportului Aerian

IBC = Container Intermediar Vrac IMDG = Internațional Maritim Mărfuri Periculoase

LogPow = logaritmul al octanolului/coeficient al partiției apei

MARPOL 73/78 = Convenția Internațională pentru Prevenirea Poluării provenite de la Nave, 1973 așa cum a fost modificată prin Protocolul din 1978 ("Marpol" = poluare marină)

OECD = Organizația pentru Cooperarea Economică și Dezvoltare

PBT = Persistent, Biocumulativ și Toxic

PNEC = Concentrație Prevăzută Fără Efect

RID = Regulamentul privind Transportul Internațional Feroviar al Mărfurilor Periculoase

RRN = Număr Înregistrare REACH

SCL = Concentrație specifică.

SVHC = Substanțe de Foarte Mare Îngrijorare

STOT-RE = Toxicitate Organ Țintă Specifică - Expunere Repetată

STOT-SE = Toxicitate Organ Țintă Specifică - Expunere Unică

VLA = Medie cântărită în timp

UN = Națiunile Unite

UVCB = compoziție necunoscută sau variabilă, produse cu reacție complexă sau cu materiale biologice

vPvB = Foarte Persistent și Foarte Biocumulativ

**Informații adiționale**

Nu este aplicabil.

**Fișă cu date de securitate este validată de**

Quality & Compliance

**Altele**

O modificare (în proporție cu ultima modificare esențială (primul cifru din versiunea SDS) este marcată cu un triunghi. Informațiile din fișă de securitate se aplică doar acestui produs specific (menționat în secțiunea 1) și nu este în mod necesar corect pentru utilizarea altor chimicale/ produse.

Este recomandat să predeți fișă cu date de securitate actualului utilizator al produsului. Informații cu privire la această fișă nu pot fi folosite ca și specificațiile produsului.

Țară-limbă: RO-ro

## БЕЗБЕДНОСНИ ЛИСТ

# i.26 kitchen polish (Alu-Air)

## ПОГЛАВЉЕ 1. ИДЕНТИФИКАЦИЈА ХЕМИКАЛИЈЕ И ПОДАЦИ О ЛИЦУ КОЈЕ СТАВЉА ХЕМИКАЛИЈУ У ПРОМЕТ

### 1.1. Идентификација хемикалије

*Комерцијално име:*

i.26 kitchen polish (Alu-Air)

*UFI:*

8YFR-ND5E-MUMG-2XW1

### 1.2. Идентификовани начини коришћења хемикалије и начини коришћења који се не препоручују

*Употреба материјала/смеше:*

Детерџенти и средства за чишћење (укључујући и оне на бази растварача)  
Дозвољено само за професионално коришћење.

*Употребе које се не препоручују:*

Нема познатих.

### 1.3. Подаци о снабдевачу

*Компанија и адреса:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*Електронска адреса:*

info@hygeniq.com

*Датум безбедносног листа:*

26.5.2025.

*Верзија безбедносног листа:*

1.0

### 1.4. Број телефона за хитне случајеве

Телефонски број хитне помоћ: 194

Дежурни токсиколог (24 сата дневно): +381 (11) 360 84 40

Центар за контролу тровања на ВМА, тел: +381 (11) 266 11 22, +381 (11) 266 27 55

Такође погледајте поглавље 4 за мере прве помоћи.

## ПОГЛАВЉЕ 2. ИДЕНТИФИКАЦИЈА ОПАСНОСТИ

Класификовано у складу са Уредбом о класификацији, паковању, обележавању и оглашавању (Службени гласник РС, 105/13).

### 2.1. Класификација хемикалије

Aerosol 3; H229, Посуда под притиском: може се распрснути, ако се загрева.

### 2.2. Елементи обележавања

**Пиктограм опасности:**

Није применљиво.

**Реч упозорења:**

Пажња

**Обавештење о опасности:**

Посуда под притиском: може се распрснути, ако се загрева. (H229)

**Обавештење о мерама предострожности:**

**Опште:**

-

**Превенција:**

Држати даље од топлоте, врућих површина, варница, отвореног пламена и других извора паљења.

Забрањено пушење. (P210)

Не пробијати, нити палити, чак ни након употребе. (P251)

**Реаговање:**

-

**Складиштење:**

Заштитити од сунчеве светлости. Не излагати температурама вишим од 50°C / 122°F. (P410+P412)

**Одлагање:**

-

**Опасне материје:**

Не садржи никакве супстанце које је потребно пријавити

**Додатно обавештење о опасности:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Означаваније садржана према ПРАВИЛНИК о детергентима:**

< 5%

- Анјонски сурфактанти
- Нејонски сурфактанти
- Мириси
- Конзерванси (PHENOXYETHANOL)

### 2.3. Остале опасности

**Додатна упозорења:**

Ова смеша/производ не садржи супстанце за које се сматра да испуњавају критеријуме да буду класификовани као ПБТ и/или вПвБ.

Овај производ не садржи материје које се сматрају ендокриним дисрупторима у складу са критеријумима наведеним у Делегираној уредби Комисије (ЕУ) 2017/2100 или Уредби Комисије (ЕУ) 2023/707.

## ПОГЛАВЉЕ 3. САСТАВ / ПОДАЦИ О САСТОЈЦИМА

### 3.1. Подаци о састојцима супстанце

Није применљиво. Овај производ је микстура.

### 3.2. Подаци о састојцима смеше

Хемијски назив	CAS / EC / индекса / REACH број	% w/w	Класификација	Напомена
Isopropylalcohol	CAS бр.: 67-63-0 EC бр.: 200-661-7 REACH: Индекс бр. : 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol, ethyl alcohol	CAS бр.: 64-17-5 EC бр.: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

	REACH: Индекс бр. : 603-002-00-5			
2-phenoxyethanol	CAS бр.: 122-99-6 EC бр.: 204-589-7 REACH: 01-2119488943-21 Индекс бр. : 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

Погледајте потпуни текст Х-израза у поглавље 16. Границе изложености током рада наведене су у поглавље 8, ако су доступне.

#### Остали подаци

-

## ПОГЛАВЉЕ 4. МЕРЕ ПРВЕ ПОМОЋИ

### 4.1. Опис мера прве помоћи

#### Опште информације:

Уколико је дисање неправилно, и јавља се поспаност, губитак свести или грчеви: Позовите 194 и одмах почните са мерама помоћи (прва помоћ).

Ако имате сумње у вези са стањем повређене особе или ако симптоми потрају, обратите се лекару. Никад несвесној особи немојте давати воду или неко друго пиће.

#### После удисања:

Потешкоће са дисањем или иритација дисајних путева: Изведите особу на свеж ваздух и останите уз њу.

#### У додиру са кожом:

Одмах скините контаминирану одећу и обућу. Обавезно темелјно оперете изложену кожу водом и сапуном . Може се користити средство за чишћење коже. НЕ користите раствараче или разређиваче.

#### Након контакта са очима:

АКО ДОСПЕ У ОЧИ: Испирајте очи водом или сланом водом (20-30 °Ц) најмање 5 минута. Извадите контактна сочива. Потражите помоћ лекара и наставите са испирањем током транспорта.

#### Након гутања:

Ако је особа при свести, исперите уста водом и останите уз особу. У случају слабости, одмах потражите лекарску помоћ и донесите безбедносни лист или етикету са производа. Не изазивајте повраћање, осим ако то лекар не препоручи. Жртва би требало да се нагне напред са главом окренутом на доле како би избегла удисање или гушење садржајем повраћања.

#### Сагоревање:

Није применљиво.

### 4.2. Најважнији симптоми и ефекти, акутни и одложени

Нема познатих.

### 4.3. Хитна медицинска помоћ и посебан третман

Третирајте симптоматски.

### Информације за здравствене раднике

Донесите безбедносно упутство .

## ПОГЛАВЉЕ 5. МЕРЕ ЗА ГАШЕЊЕ ПОЖАРА

### 5.1. Средства за гашење пожара

Није применљиво.

### 5.2. Посебне опасности које могу настати од супстанци и смеша

Посуда под притиском. У случају пожара или ако се загреје, доћи ће до повећања притиска и посуда може да пукне.

Пожар ће довести до стварања густог дима. Излаганье запаливим производима може наштетити вашем здрављу. Затворене посуде изложене ватри требало би охладити водом. Не дозволите да вода за гашење пожара доспе у канализацију и оближње површинске токове.

Уколико је производ изложен високим температурама, нпр. у случају пожара, настају опасна јединиња као резултат његовог распадања. То су:

Угљени оксиди (CO / CO<sub>2</sub>)

Неки метални оксиди

### 5.3. Савет за ватрогасце

Носите изолациони апарат за дисање и заштитну одећу ради спречавања контакта. Након директног излагања контактирајте Национални центар за контролу тровања на број +381 (11) 360 84 40 (24 сата дневно) ради добијања додатних савета.

## ПОГЛАВЉЕ 6. МЕРЕ У СЛУЧАЈУ УДЕСА

### 6.1. Личне предострожности, заштитна опрема и поступци у случају удеса

Контаминирани простор може бити клизав.

### 6.2. Предострожности које се односе на животну средину

Избегавајте испуштање у језера, потоке, канализације итд.

Неовлашћене особе држите подаље од изливања.

### 6.3. Мере које треба предузети и материјал за спречавање ширења и санацију

Користите песак, земљу, вермикулит, диятомейску земљу да бисте задржали и купили незапаливе упияјуће материјале и ставите у контејнер за одлагање, у складу са локалним прописима.

Чишћење се у мери у којој је то могуће обавља нормалним средствима за чишћење. Избегавајте употребу растварача.

### 6.4. Упућивање на друга поглавља

Погледајте поглавље 13 „Одлагање“ у вези са поступком за отпад.

За заштитне мере погледајте поглавље 8 „Контрола изложености и лична заштита“.

## ПОГЛАВЉЕ 7. РУКОВАЊЕ И СКЛАДИШТЕЊЕ

### 7.1. Предострожности за безбедно руковање

Не пробијати, нити палити, чак ни након употребе.

Пушење, и конзумирање хране и пића нису дозвољени у радном простору.

За информације о личној заштити погледајте поглавље „Контрола изложености и лична заштита“.

### 7.2. Услови за безбедно складиштење, укључујући некомпатибилности

Чувати у добро затвореним посудама и заштитено од влаге и светлости. Посуде би требало датирати када се отворе и периодично тестирати на присуство пероксида. Не прекорачите временске оквири складиштења.

Отворени контејнери се морају пажљиво затворити и држати исправно како би се спречило цурење.

*Препоручени материјал за складиштење:*

Чувати само у оригиналној амбалажи.

*Услови складиштења:*

Суво, хладно и добро проветрано

*Некомпатибилни материјали:*

Јаке киселине, јаке базе, јака оксидациона средства и јака редукциона средства.

### 7.3. Посебни начини коришћења

Овај производ би требало користити само за примене наведене у поглавље 1.2

## ПОГЛАВЉЕ 8. КОНТРОЛА ИЗЛОЖЕНОСТИ И ЛИЧНА ЗАШТИТА

### 8.1. Параметри контроле изложености

На националној листи супстанци са ограничењем у погледу изложености током рада није наведена ниједна супстанца.

## DNEL

### 2-phenoxyethanol

Трајање:	Пут експозиције:	DNEL:
Дугорочно - Системски	Дерматолошки	10,42 mg/kg
Дугорочно - Системски - Потрошач	Дерматолошки	20,83 mg/kg
Дугорочно - Системски - Радник	Дерматолошки	34.72 mg/kg/дан
Дугорочно - Локално - Радник	Инхалацијски	5,7 mg/m <sup>3</sup>
Дугорочно - Системски	Инхалацијски	2,41 mg/m <sup>3</sup>
Дугорочно - Системски - Радник	Инхалацијски	5,7 mg/m <sup>3</sup>
Дугорочно - Системски - Радник	Инхалацијски	8.07 mg/m <sup>3</sup>
Дугорочно	Орално	9,23 mg/kg

### Ethanol, ethyl alcohol

Трајање:	Пут експозиције:	DNEL:
Дугорочно - Системски - Потрошач	Дерматолошки	206 mg/kg/дан
Дугорочно - Системски - Радник	Дерматолошки	343 mg/kg/дан
Акутно - Локално - Потрошач	Инхалацијски	950 mg/m <sup>3</sup>
Акутно - Локално - Радник	Инхалацијски	1900 mg/m <sup>3</sup>
Дугорочно - Системски - Потрошач	Инхалацијски	114 mg/m <sup>3</sup>
Дугорочно - Системски - Радник	Инхалацијски	380 mg/m <sup>3</sup>
Дугорочно - Системски - Потрошач	Орално	87 mg/kg/дан

### Isopropylalcohol

Трајање:	Пут експозиције:	DNEL:
Дугорочно - Системски - Потрошач	Дерматолошки	319 mg/kg
Дугорочно - Системски - Радник	Дерматолошки	888 mg/m <sup>3</sup>
Дугорочно - Системски - Потрошач	Инхалацијски	89 mg/m <sup>3</sup>
Дугорочно - Системски - Потрошач	Инхалацијски	89 mg/m <sup>3</sup>
Дугорочно - Системски - Радник	Инхалацијски	500 mg/m <sup>3</sup>
Дугорочно - Системски - Потрошач	Орално	26 mg/kg

## PNEC

### 2-phenoxyethanol

Пут експозиције:	Трајање изложености:	PNEC:
Морска вода		0.0943 mg/L
Постројењима за пречишћавање отпадних вода		24,8 mg/L
Постројењима за пречишћавање отпадних вода	Пойединачно	36 mg/L
Седимент мора		0,7237 mg/kg
Седимент слатке воде		7.2366 mg/kg
Слатка вода		0,943 mg/L
Тло		1,26 mg/kg

### Ethanol, ethyl alcohol

Пут експозиције:	Трајање изложености:	PNEC:
Морска вода		790 µg/L
Периодично ослобађање (слатка вода)		2.75 mg/L
Постројењима за пречишћавање отпадних вода		580 mg/L

Седимент мора		2.9 mg/kg
Седимент слатке воде		3.6 mg/kg
Секундарно тровање		380-720 mg/kg
Слатка вода		960 µg/L
Тло		630 µg/kg

#### Isopropylalcohol

Пут експозиције:	Трајније изложености:	PNEC:
Морска вода		140,9 mg/L
Периодично ослобађање		140,9 mg/L
Постројењима за пречишћавање отпадних вода		2251 mg/L
Седимент мора		552 mg/kg
Седимент слатке воде		552 mg/kg
Слатка вода		140,9 mg/L
Тло		28 mg/kg

## 8.2. Контрола изложености и лична заштита

Извршите општу контролу да бисте спречили непотребно излагање.

#### Опште препоруке:

Пушење, и конзумирање хране и пића нису дозвољени у радном простору.

#### Сценарији излагања:

За овај производ нису имплементирани сценарији изложености.

#### Границе излагања:

Границе изложености током рада нису дефинисане за супстанце у овом производу.

#### Одговарајући технички уређаји за управљање:

Примените стандардне мере предострожности током употребе производа. Избегавајте удисање испарења.

#### Хигијенске мере:

Сви изложени делови тела морају да се темелјно оперу у интервалима између употребе производа и на крају радног дана. Обратите посебну пажњу на руке, подлактице и лице.

#### Мере спречавања контакта са животном средином:

Нема посебних захтева.

## Опште мере заштите и хигијене

#### Генерално:

Користите само заштитну опрему са знаком CE.

#### Заштита дисајних путева:

Тип	Класа	Боя	Стандарди
Nema posebnih propisa kada se koristi kako je predvidjeno			

#### Заштита тела:

Препоручено	Тип / Категорија	Стандарди
Nema posebnih propisa kada se koristi kako je predvidjeno	-	-

#### Заштитне руке:

Радна ситуација	Материјал	Дебљина рукавице	Време продирања (Минути)	Стандарда
	Nema posebnih	-	-	-

Радна ситуација	Материјал	Дебљина рукавице	Време продирања (Минути)	Стандарда	
	propisa kada se koristi kako je predvidjeno				
У случају продуженог излагања или високе концентрације	Ратук/Нитрилни каучук	-	> 240	EN374-2, EN16523-1, EN388	

**Заштита очију/лица:**

Тур	Стандарди	
Нема посебних прописа када се користи како је предвидјено	-	

## ПОГЛАВЉЕ 9. ФИЗИЧКА И ХЕМИЈСКА СВОЈСТВА

### 9.1. Подаци о основним физичким и хемијским својствима хемикалије

*Изгледу - агрегатно стање:*

Течно

*Боји:*

Бело

*Мирису / Прагу мириса (ppm):*

Парфем

*pH:*

са. 9

*Релативна густина (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Кинематичка вискозност:*

Нема доступних података.

*Динамички вискозитет:*

са 1000 mPa.s (20 °C)

*Карактеристике честица:*

Не односи се на течности

#### Фазне промене

*Тачка топљења / тачка мржњења (°C):*

Нема доступних података.

*Тачка/опсег омекшавања (°C):*

Не односи се на течности

*Почетна тачка кључања и опсег кључања (°C):*

Нема доступних података.

*Напон паре:*

Нема доступних података.

*Релативна густина паре:*

Нема доступних података.

*Температура разлагања (°C):*

Нема доступних података.

#### Подаци о опасностима од пожара и експлозије

*Запаљивост (чврсто, гасовито):*

Нема доступних података.

*Тачка паљења (°C):*

Нема доступних података.

*Температура самопаљења (°C):*

Нема доступних података.

*Горња / доња граница запаљивости или експлозивности (%v/v):*

Нема доступних података.

#### **Растворљивост**

*Растворљивост у вода:*

Нема доступних података.

*Коефицијент расподеле у систему n-октанол/вода (LogKow):*

Нема доступних података.

*Растворљивост у масти (g/L):*

Нема доступних података.

#### **9.2. Остали подаци**

*Остали физички и хемијски параметри:*

Нема доступних података.

*Оксидујућа својства:*

Нема доступних података.

## **ПОГЛАВЉЕ 10. СТАБИЛНОСТ И РЕАКТИВНОСТ**

#### **10.1. Реактивност**

Нема доступних података.

#### **10.2. Хемијска стабилност**

Производ је стабилан под условима наведеним у одељку 7 „Руковање и складиштење“.

#### **10.3. Могућност настанка опасних реакција**

Нема познатих.

#### **10.4. Услови које треба избегавати**

Нема познатих.

#### **10.5. Некомпатибилни материјали**

Јаке киселине, јаке базе, јака оксидациона средства и јака редуциона средства.

#### **10.6. Опасни производи разградње**

У нормалним условима складиштења и употребе не би требало да дође до стварања опасних продукта распадања.

## **ПОГЛАВЉЕ 11. ТОКСИКОЛОШКИ ПОДАЦИ**

#### **11.1. Подаци о токсичним ефектима**

##### **Акутна токсичност**

Хемијски назив	Isopropylalcohol
Врсте:	Пацов
Пут експозиције:	Орално
Тест:	LD50
Вредност:	>2000 mg/kg

Хемијски назив	Isopropylalcohol
Врсте:	Зец
Пут експозиције:	Дерматолошки
Тест:	LD50
Вредност:	>2000 mg/kg

Хемијски назив: Isopropylalcohol  
Врсте: Пацов  
Пут експозиције: Инхалацијски  
Тест: LC50  
Вредност: >20

Хемијски назив: Isopropylalcohol  
Пут експозиције: Орално  
Тест: LD50  
Вредност: 5849 mg/kg

Хемијски назив: Isopropylalcohol  
Врсте: Пацов  
Пут експозиције: Орално  
Тест: LD50  
Вредност: 5840 mg/kg

Хемијски назив: Isopropylalcohol  
Врсте: Зеџ  
Пут експозиције: Дерматолошки  
Тест: LD50  
Вредност: 12800 mg/kg

Хемијски назив: Isopropylalcohol  
Пут експозиције: Инхалацијски  
Тест: LC50  
Вредност: 301002 mg/L

Хемијски назив: 2-phenoxyethanol  
Врсте: Пацов  
Пут експозиције: Орално  
Тест: LD50  
Вредност: 1840 mg/kg

Хемијски назив: 2-phenoxyethanol  
Врсте: Зеџ  
Пут експозиције: Дерматолошки  
Вредност: >5000 mg/kg

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Корозивно оштећење коже / иритација**

Хемијски назив: Isopropylalcohol  
Метод тестирања: ОЕЦД 404  
Врсте: Зеџ  
Трајање: 4 hours

Хемијски назив: 2-phenoxyethanol  
Вредност: Установљени су негативни ефекти (Корозивно)

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Тешко оштећење ока / иритација ока**

Хемијски назив: Isopropylalcohol  
Врсте: Зеџ  
Вредност: Установљени су негативни ефекти (Иритантан)

Хемијски назив: Isopropylalcohol  
Метод тестирања: ОЕЦД 405  
Врсте: Зеџ  
Вредност: Установљени су негативни ефекти (Доводи до тешког оштећења ока)

Хемијски назив 2-phenoxyethanol  
Вредност: Установљени су негативни ефекти (Доводи до тешког оштећења ока)

На основу доступних података, критеријуми за класификацију нису испуњени.

#### Сензибилизација респираторних органа

Хемијски назив Isopropylalcohol  
Метод тестирања: ОЕЦД 406  
Врсте: Заморче  
Вредност: Нису установљени негативни ефекти (не сензибилизација)

На основу доступних података, критеријуми за класификацију нису испуњени.

#### Сензибилизација коже

Хемијски назив Isopropylalcohol  
Врсте: Заморче  
Вредност: Нису установљени негативни ефекти (не сензибилизација)

На основу доступних података, критеријуми за класификацију нису испуњени.

#### Мутагеност геринативних ћелија

Хемијски назив Isopropylalcohol  
Закључак: Нису установљени негативни ефекти

На основу доступних података, критеријуми за класификацију нису испуњени.

#### Карциногеност

На основу доступних података, критеријуми за класификацију нису испуњени.

#### Токсичност по репродукцију

На основу доступних података, критеријуми за класификацију нису испуњени.

#### Специфична токсичност за циљни орган - једнократна изложеност

Хемијски назив Isopropylalcohol  
Пут експозиције: Орално

На основу доступних података, критеријуми за класификацију нису испуњени.

#### Специфична токсичност за циљни орган - вишекратна изложеност

На основу доступних података, критеријуми за класификацију нису испуњени.

#### Опасност од аспирације

На основу доступних података, критеријуми за класификацију нису испуњени.

### 11.2. Информације о другим опасностима

#### Дугогодишњи ефекти

Нема познатих.

#### Угрожава рад ендокриних жлезда

Ова смеша/производ не садржи никакве материје за које се сматра да имају својства изазивања хормонског поремећаја.

#### Додатне информације

Isopropylalcohol по IARC класификацији спада у групу 3

## ПОГЛАВЉЕ 12. ЕКОТОКСИКОЛОШКИ ПОДАЦИ

### 12.1. Токсичност

Хемијски назив Isopropylalcohol  
Врсте: Рибе, Goudwinde (Leuciscus idus)  
Трајање: 48 сати  
Тест: LC50  
Вредност: >100 mg/L

Хемијски назив Isopropylalcohol  
Врсте: Ракови, Daphnia magna  
Трајање: 48 сати

Тест: EC50  
Вредност: >100 mg/L

Хемијски назив: Isopropylalcohol  
Врсте: Алге, Scenedesmus subspicatus  
Трајанье: 72 сати  
Тест: EC50  
Вредност: >100 mg/L

Хемијски назив: 2-phenoxyethanol  
Врсте: Рибе  
Трајанье: 96 сати  
Тест: LC50  
Вредност: >100 mg/L

Хемијски назив: 2-phenoxyethanol  
Врсте: Алге  
Трајанье: 72 сати  
Тест: ErC50  
Вредност: >100 mg/L

Хемијски назив: 2-phenoxyethanol  
Врсте: Daphnia magna  
Трајанье: 48 сати  
Тест: EC50  
Вредност: >100 mg/L

Хемијски назив: 2-phenoxyethanol  
Врсте: Рибе  
Тест: NOEC  
Вредност: 23 mg/L

Хемијски назив: 2-phenoxyethanol  
Врсте: Andere waterorganismen  
Трајанье: 30 minutes  
Тест: EC50  
Вредност: >1000 mg/L

На основу доступних података, критеријуми за класификацију нису испуњени.

## 12.2. Перзистентност и разградљивост

Хемијски назив: Isopropylalcohol  
Вредност: 95%  
Закључак: Лако биоразградива материја  
Тест: ОЕЦД 301 Е

Хемијски назив: 2-phenoxyethanol  
Вредност: >70  
Закључак: Лако биоразградива материја  
Тест: ОЕЦД 301 А

## 12.3. Потенцијал биоакумулације

Хемијски назив: Isopropylalcohol  
BCF: <100  
LogKow: <3  
Закључак: -

Хемијски назив: 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Закључак: -

#### 12.4. Мобилност у земљишту

Нема доступних података.

#### 12.5. Резултати ПБТ и вПвБ процене

Ова смеша/производ не садржи супстанце за које се сматра да испуњавају критеријуме да буду класификовани као ПБТ и/или вПвБ.

#### 12.6. Угрожава рад ендокриних жлезда

Ова смеша/производ не садржи никакве материје за које се када се нађу унутар животне средине сматра да имају својства ометања ендокриног система.

#### 12.7. Остали штетни ефекти

Нема познатих.

## ПОГЛАВЉЕ 13. ОДЛАГАЊЕ

#### 13.1. Методе третмана отпада

Производ није обухваћен прописима о опасном отпаду.

Уредба комисије (ЕУ) бр. 1357/2014 од 18. децембра 2014. године која замењује прилог IIIИ директиве 2008/98/ЕЗ Европског парламента и савета о отпаду.

*Код европског каталога отпада (EWЦ):*

20 01 30 детерџенти другачији од оних наведених у 20 01 29

#### Контаминирани амбалаже

Амбалажа која садржи остатке производа мора се одложити на исти начин као и производ.

## ПОГЛАВЉЕ 14. ПОДАЦИ О ТРАНСПОРТУ

	14.1 UN	14.2 Назив за терет у транспорту	14.3 Класа	14.4 PG*	14.5. Env**	Остали подаци:
ADR	1950	AEROSOLS	Класа: 2 Листи-це опасности: 2.2 Класификациони код: 5A	-	Не	Ограничене количина: 1 L Кодови за ограничења за тунеле: 3 (E) За додатне информације, погледајте доле.
IMDG	1950	AEROSOLS	Класа: 2 Листи-це опасности: 2.2 Класификациони код: 5A	-	Не	Ограничене количина: 1 L EmS: F-D S-U За додатне информације, погледајте доле.
IATA	1950	AEROSOLS	Класа: 2 Листи-це опасности: 2.2 Класификациони код: 5A	-	Не	За додатне информације, погледајте доле.

\* Група паковања

\*\* Опасност по животну средину

#### **Додатне информације**

Овај производ је обухваћен прописима о транспорту опасне робе.

АДР / Видети табелу А, одељак 3.2.1 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом. Видети одељак 5.4.3, за упутства у писаној форми у вези са ублажавањем штета у вези са инцидентима или незгодама током транспорта.

ИМГД / Видети одељак 3.2.1 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом.

ИАТА / Видети табелу 4.2 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом.

#### **14.6. Посебне предострожности за корисника**

Није применљиво.

#### **14.7. Транспорт у расутом стању (Анексу ИИ Међународне конвенције за спречавање загађења из бродова и ИБЦ Цоде)**

Нема доступних података.

## **ПОГЛАВЉЕ 15. РЕГУЛАТОРНИ ПОДАЦИ**

### **15.1. Прописи у вези са безбедношћу, здрављем и животном средином**

*Ограничења за примену:*

Дозвољено само за професионално коришћење.

*Захтеви за специфичним образовањем:*

Нема посебних захтева.

*"СЕВЕСО" - Категорија / Опасне материје:*

Није применљиво.

*Правилник о ограничењима и забранама производње, стављања у промет и коришћења хемикалија:*

Isopropylalcohol. Хемийска супстанца подлеже ограничењима (упис бр. 40).

Ethanol, ethyl alcohol. Хемийска супстанца подлеже ограничењима (упис бр. 40).

*Означавање садржана према ПРАВИЛНИК о детергентима:*

< 5%

- Анјонски сурфактанти
- Нејонски сурфактанти
- Мириси
- Конзерванси (PHENOXYETHANOL)

*Додатне информације:*

Није применљиво.

*Извори:*

ПРАВИЛНИК о детергентима ("Службени гласник РС", 25/2015)

ПРАВИЛНИК о категоријама, испитивању и класификацији отпада (Службени гласник РС, 56/10)

Правилник о класификацији, паковању, обележавању и оглашавању хемикалије и одређеног производа у складу са Глобално хармонизованим системом за класификацију и обележавање УН: 105/2013-16, 52/2017-73, 21/2019-208

### **15.2. Процена безбедности хемикалије.**

Не

## **ПОГЛАВЉЕ 16. ОСТАЛИ ПОДАЦИ**

### **Комплетан текст Х-фраза како је наведено у поглавље 3**

H225, Лако запаљива течност и пара.

H302, Штетно ако се прогута.

H318, Доводи до тешког оштећења ока.

H319, Доводи до јаке иритације ока.

H335, Може да изазове иритацију респираторних органа.

H336, Може да изазове поспаност и несвестицу.

**Скраћенице и акроними**

ADR = Европски споразум о међународном друмском превозу опасне робе  
ATE = Процена акутне токсичности  
BCF = Фактор биоконцентрације  
CAS = Служба хемијских сажетака  
CE = европска усаглашеност  
CLP = Уредба о класификацији, означавању и паковању [Уредба (ЕЗ) бр. 1272/2008]  
CSA = Процена хемијске безбедности  
CSR = Извештај о хемијској безбедности  
STOT = Специфична циљна токсичност органа  
DMEL = Изведени минимални ниво ефекта  
DNEL = Изведени ниво без ефекта  
EINECS = Европски инвентар постојећих комерцијалних хемијских супстанци  
ES = Сценарио изложености  
EUH изјава = ЦЛП-специфична изјава о опасности  
EUPCS = Европски систем категоризације производа  
EWЦ = Европски каталог отпада  
GHS = Глобално усклађени систем класификације и обележавања хемикалија  
GWP (ГВП) = Потенцијал глобалног загревања  
IARC = међународна агенција за истраживање рака  
IATA = Међународно удружење за ваздушни саобраћај  
IBC = Средњи контејнер за расути терет  
IMDG = Међународна поморска опасна роба  
LogPow = Логаритам коефицијента раздвајања октанол/вода  
MARPOL = Међународна конвенција о спречавању загађења са бродова из 1973. године, измењена протоколом из 1978. („Marpol“ = загађење мора)  
ОЕЦД = Организација за Економску Царадњу и Дазвој  
ПБТ = Истрајан, биоакумулативан и токсичан  
PNEC = Предвиђена концентрација без ефекта  
RID = Прописи који се тичу међународног превоза опасне робе железницом  
RRN = REACH регистрациони број  
SCL = има одређену границу концентрације.  
SVHC = Веома забрињавајуће супстанце  
STOT-RE = Специфична циљна токсичност органа - понављана излагања  
STOT-SE = Специфична циљна токсичност органа - појединачна излагања  
TWA = Временски пондерисан просек  
UN = Уједињене нације  
UVBC = Непознат или променљив састав, сложени продукти реакције или биолошки материјали  
VOC = Нестабилно органско јединијење  
вПвБ = Веома трајно и врло биоакумулативно

**Додатне информације**

Није применљиво.

**Безбедносни лист потврђује**

Quality & Compliance

**Остали подаци**

Промена (сразмерно последњој суштинској промени (прва шифра у верзији СДС, погледајте поглавље 1)) обележена је троуглом.  
Подаци у овом безбедносном упутству односе се само на овај одређени производ (поменут у поглавље 1) и нису нужно тачни за употребу са другим хемикалијама/производима.  
Препоручује се да ово безбедносно упутство дате стварном кориснику производа. Информације у овом безбедносном упутству не могу се користити као спецификације производа.  
Земља-језик: RS-Sr

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for SAUDI ARABIA according to GHS

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

26/05/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

Contact the local emergency services.  
See section 4 "First aid measures".

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

#### 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

**Hazard statement(s):**

Pressurised container: May burst if heated. (H229)

**Precautionary statement(s):**

**General:**

-

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

**Response:**

-

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

**Disposal:**

-

**Hazardous substances:**

Does not contain any substances required to report

**Additional labelling:**

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**General information:**

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation:**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact:**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion:**

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

**Burns:**

Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medics**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

**5.1. Extinguishing media**

Not applicable.

**5.2. Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures**

Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**6.3. Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

**6.4. Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

**7.2. Conditions for safe storage, including any incompatibilities**

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*  
Keep only in original packaging.

*Storage conditions:*  
Dry, cool and well ventilated

*Incompatible materials:*  
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**7.3. Specific end use(s)**

This product should only be used for applications quoted in section 1.2.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

No substances are listed with an occupational exposure limit.

**8.2. Exposure controls**

Apply general control to prevent unnecessary exposure

*General recommendations:*  
Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*  
There are no exposure scenarios implemented for this product.

*Exposure limits:*  
Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:*  
Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*  
In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*  
No specific requirements.

**Individual protection measures, such as personal protective equipment**

*Generally:*  
Use only CE marked protective equipment.

*Respiratory Equipment:*

Type	Class	Colour	Standards	
No special when used as intended.				

*Skin protection:*

According to GHS Rev. 8, 2019

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Eye protection:*

Type	Standards	
No special when used as intended.	-	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Form:*

Liquid

*Colour:*

White

*Odour:*

Of perfume

*Odour threshold (ppm):*

No data available.

*pH:*

ca. 9

*Density (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematic viscosity:*

No data available.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

### Phase changes

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

*Evaporation rate (n-butylacetate = 100):*

#### **Data on fire and explosion hazards**

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Explosion limits (% v/v):*

No data available.

#### **Solubility**

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

#### **9.2. Other information**

No data available.

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

No data available.

#### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **10.3. Possibility of hazardous reactions**

None known.

#### **10.4. Conditions to avoid**

None known.

#### **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

According to GHS Rev. 8, 2019

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>20

---

Product/substance	isopropyl alcohol
Route of exposure:	Oral
Test:	LD50
Result:	5849 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5840 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	12800 mg/kg

---

Product/substance	isopropyl alcohol
Route of exposure:	Inhalation
Test:	LC50
Result:	301002 mg/L

---

Product/substance	2-phenoxyethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1840 mg/kg

---

Product/substance	2-phenoxyethanol
Species:	Rabbit
Route of exposure:	Dermal
Result:	>5000 mg/kg

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Product/substance	isopropyl alcohol
Test method:	OECD 404
Species:	Rabbit
Duration:	4 hours

---

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Product/substance	isopropyl alcohol
Species:	Rabbit

According to GHS Rev. 8, 2019

Result:	Adverse effect observed (Irritating)
Product/substance	isopropyl alcohol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Product/substance	isopropyl alcohol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Product/substance	isopropyl alcohol
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Product/substance	isopropyl alcohol
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.  
isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Product/substance	isopropyl alcohol
Route of exposure:	Oral

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Long term effects

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Product/substance	isopropyl alcohol
Species:	Fish, Goudwinde (Leuciscus idus)
Duration:	48 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Crustacean, Daphnia magna
Duration:	48 hours

According to GHS Rev. 8, 2019

Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, Scenedesmus subspicatus  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Daphnia magna  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC  
Result: 23 mg/L

Product/substance 2-phenoxyethanol  
Species: Andere waterorganismen  
Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

### 12.3. Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

According to GHS Rev. 8, 2019

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Product is not covered by regulations on dangerous waste.

#### Specific labelling

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

### **Additional information**

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

## **SECTION 15: REGULATORY INFORMATION**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*Additional information:*

Not applicable.

*Sources:*

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

### **15.2. Chemical safety assessment**

No

## **SECTION 16: OTHER INFORMATION**

### **Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

H336, May cause drowsiness or dizziness.

### **The full text of identified uses as mentioned in section 1**

None known.

### **Abbreviations and acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NFPA = National Fire Protection Association  
NIOSH = National Institute for Occupational Safety and Health  
OECD = Organisation for Economic Co-operation and Development  
OSHA = Occupational Safety and Health Administration  
PBT = Persistent, Bioaccumulative and Toxic  
RCRA = Resource Conservation and Recovery Act  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SARA = Superfund Amendments and Reauthorization Act  
SCL = A specific concentration limit.  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TSCA = The Toxic Substances Control Act  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: SA-en

## SÄKERHETS DATABLAD

# i.26 kitchen polish (Alu-Air)

## AVSNITT 1: NAMNET PÅ ÄMNET/BLANDNINGEN OCH BOLAGET/FÖRETAGET

### 1.1. Produktbeteckning

*Handelsnamn:*

i.26 kitchen polish (Alu-Air)

*Unik formuleringsidentifierare (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Relevanta identifierade användningar av ämnet eller blandningen och användningar som det avråds från

*Relevanta identifierade användningar av ämnet eller blandningen:*

Tvätt- och rengöringsmedel (inklusive lösningsmedelsbaserade)  
Endast för yrkesmässigt bruk.

*Användningar som det avråds från :*

Inga kända.

### 1.3. Närmare upplysningar om den som tillhandahåller säkerhetsdatabladet

*Företagsuppgifter:*

**Hygeniq B.V.**

Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-post:*

info@hygeniq.com

*Omarbetad:*

2025-05-26

*SDB Version:*

1.0

### 1.4. Telefonnummer för nödsituationer

Akut: Ring 112, begär giftinformation. Öppet dygnet runt.

Mindre akut: Ring 010-456 6700. Öppet dygnet runt.

Se avsnitt 4 om åtgärder vid första hjälpen.

## AVSNITT 2: FARLIGA EGENSKAPER

Klassificerad enligt förordningen (EG) nr 1272/2008 (CLP).

### 2.1. Klassificering av ämnet eller blandningen

Aerosol 3; H229, Tryckbehållare: Kan sprängas vid uppvärmning.

### 2.2. Märkningsuppgifter

*Faropiktogram:*

Ej tillämpligt.

*Signalord:*

**Varning**

**Faroangivelser:**

Tryckbehållare: Kan sprängas vid uppvärmning. (H229)

**Skyddsangivelser:**

**Allmänt:**

-

**Förebyggande:**

Får inte utsättas för värme, heta ytor, gnistor, öppen låga eller andra antändningskällor. Rökning förbjuden. (P210)

Får inte punkteras eller brännas, gäller även tömd behållare. (P251)

**Åtgärder:**

-

**Förvaring:**

Skyddas från solljus. Får inte utsättas för temperaturer över 50 °C/122 °F. (P410+P412)

**Avfall:**

-

**Innehåller:**

Innehåller inga anmälningsskyddade ämnen

**Annan märkning:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Märkning av innehåll i enlighet med förordning (EG) nr 648/2004 om tvätt- och rengöringsmedel:**

< 5%

- Anjoniska tensider
- Nonjoniska tensider
- Parfym
- Konserveringsmedel (PHENOXYETHANOL)

**2.3. Andra faror**

**Annat:**

Denna blandning/produkt innehåller inga ämnen som anses uppfylla kriterierna för klassificering som PBT- och/eller vPvB-ämnen.

Produkten innehåller inga ämnen som bedömts vara hormonstörande enligt kriterierna i Kommissionens delegerade förordning (EU) 2017/2100 eller Kommissionens förordning (EU) 2023/707.

**AVSNITT 3: SAMMANSÄTTNING/INFORMATION OM BESTÅNDSDELAR**

**3.1. Ämnen**

Ej tillämpligt. Denna produkt är en blandning.

**3.2. Blandningar**

Produkt/Ämne	Identifierare	% w/w	Klassificering	Anm.
isopropylalkohol	CAS-nr.: 67-63-0 EG-nr.: 200-661-7 REACH: Indexnr.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
etanol;etylalkohol	CAS-nr.: 64-17-5 EG-nr.: 200-578-6 REACH: Indexnr.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoxietanol;fenylglykol	CAS-nr.: 122-99-6 EG-nr.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg)	

	REACH: 01-2119488943-21 Indexnr.: 603-098-00-9		Eye Dam. 1, H318 STOT SE 3, H335	
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Fullständig ordalydelse av H-fraserna finns i avsnitt 16. Arbetshygieniska gränsvärden finns i avsnitt 8 - om de är tillgängliga.

#### **Annan information**

-

## **AVSNITT 4: ÅTGÄRDER VID FÖRSTA HJÄLPEN**

### **4.1. Beskrivning av åtgärder vid första hjälpen**

#### *Allmänt:*

Vid olycka: Kontakta läkare eller akutmottagning - ta med etiketten eller detta säkerhetsdatablad.  
Vid bestående symptom eller om det råder tveksamheter om den påverkades tillstånd skall läkarhjälp sökas. Ge aldrig en medvetslös person vatten eller liknande.

#### *Inandning:*

I fall av andningssvårigheter eller irritation i andningsvägarna: Flytta den skadade personen till frisk luft direkt och håll personen under uppsyn.

#### *Hudkontakt:*

Avlägsna snabbt förorenade kläder och skor. Hud som har varit i kontakt med materialet tvättas grundligt med tvål och vatten. Hudrengöringsmedel kan användas. Använd EJ organiska lösningsmedel.

#### *Kontakt med ögonen:*

Vid kontakt med ögonen: Skölj genast med vatten (20-30 °C) i minst 5 minuter. Avlägsna eventuella kontaktlinser. Uppsök läkare.

#### *Förtäring:*

Om personen är vid medvetande, skölj munnen med vatten och stanna hos personen. Ge aldrig personen något att dricka. Vid illamående: Kontakta omgående läkare och ta med detta säkerhetsdatablad eller etiketten från produkten. Framkalla ej kräkning, annat än om läkaren rekommenderar detta. Sänk huvudet så att eventuella kräkningar ej rinner tillbaka i munnen och ner i halsen.

#### *Brännskada:*

Ej tillämpligt.

### **4.2. De viktigaste symptomen och effekterna, både akuta och fördröjda**

Inga kända.

### **4.3. Angivande av omedelbar medicinsk behandling och särskild behandling som eventuellt krävs**

Behandla symptomatiskt.

#### **Information till läkare**

Medtag detta säkerhetsdatablad eller etiketten från produkten.

## **AVSNITT 5: BRANDBEKÄMPNINGÅTGÄRDER**

### **5.1. Släckmedel**

Ej tillämpligt.

### **5.2. Särskilda faror som ämnet eller blandningen kan medföra**

Tryckbehållare. Vid brand eller upphettning inträffar en tryckökning varvid behållaren kan sprängas sönder. Vid brand utvecklas tät rök. Att utsättas för nedbrytningsprodukter kan utgöra hälsofara. Slutna behållare som utsätts för eld avkyls med vatten. Låt ej vatten från brandsläckning rinna ut i kloak och vattendrag.

Om produkten utsätts för höga temperaturen, t.ex. i händelse av brand, kan farliga nedbrytningsprodukter bildas.

Dessa är:

Koloxider (CO / CO<sub>2</sub>)

Några metalloxider

### 5.3. Råd till brandbekämpningspersonal

Använd skyddsutrustning inklusive andningsapparat. Om exponering skett, kontakta Giftinformationscentralen (tel 112, 24/7) för rådgivning.

## AVSNITT 6: ÅTGÄRDER VID OAVSIKTLIGA UTSLÄPP

### 6.1. Personliga skyddsåtgärder, skyddsutrustning och åtgärder vid nödsituationer

Se till att ventilationen är tillräcklig, särskilt i slutna utrymmen.  
Förorenade områden kan vara hala.

### 6.2. Miljöskyddsåtgärder

Undvik utsläpp i sjöar, åar, kloaker etc.  
Håll obehöriga personer på avstånd från spillet

### 6.3. Metoder och material för inneslutning och sanering

Spill begränsas och samlas upp med icke-brännbart absorberande material, t.ex. sand, jord, vemikulit, kiselgur och placeras i behållare och bortskaffas i överensstämmelse med gällande regler.  
Rengöring utförs så långt som möjligt med rengöringsmedel. Lösningsmedel bör undvikas.

### 6.4. Hänvisning till andra avsnitt

Se avsnitt 13 "Avfallshantering".  
Se avsnitt 8 "Begränsning av exponeringen/personligt skydd" om personligt skydd.

## AVSNITT 7: HANTERING OCH LAGRING

### 7.1. Skyddsåtgärder för säker hantering

Får inte punkteras eller brännas, gäller även tömd behållare.  
Rökning, förtäring av mat och intag av dryck är ej tillåtet i arbetslokalerna.  
Se avsnitt 8 om personligt skydd.

### 7.2. Förhållanden för säker lagring, inklusive eventuell oförenlighet

Förvara i tätt förslutna behållare och förvara skyddad från fukt och solljus. Behållarna ska dateras när de öppnas och testas regelbundet för förekomsten av peroxider. Överskrid inte gränserna för lagringstiden.  
Öppnad behållare skall återförslutas väl och förvaras i upprätt läge för att förhindra läckage.

#### *Kompatibla förpackningar:*

Förvaras endast i originalförpackningen.

#### *Förvaringsförhållanden:*

Torr, svalt och väl ventilerat

#### *Oförenliga material:*

Starka syror, starka baser, starka oxidationsmedel och starka reduktionsmedel.

### 7.3. Specifik slutanvändning

Denna produkt bör endast användas för de användningar som beskrivs i avsnitt 1.2.

## AVSNITT 8: BEGRÄNSNING AV EXPONERINGEN/PERSONLIGT SKYDD

### 8.1. Kontrollparametrar

isopropylalkohol  
Korttidsgränsvärde (15 minuter) (ppm): 250  
Korttidsgränsvärde (15 minuter) (mg/m<sup>3</sup>): 600  
Nivågränsvärde (8 timmar) (ppm): 150  
Nivågränsvärde (8 timmar) (mg/m<sup>3</sup>): 350  
Anmärkningar:  
V = Vägledande korttidsgränsvärde.

etanol;etylalkohol  
Korttidsgränsvärde (15 minuter) (ppm): 1000  
Korttidsgränsvärde (15 minuter) (mg/m<sup>3</sup>): 1900

Nivågränsvärde (8 timmar) (ppm): 500  
 Nivågränsvärde (8 timmar) (mg/m<sup>3</sup>): 1000  
 Anmärkningar:  
 V = Vägledande korttidsgränsvärde.

Arbetsmiljöverkets föreskrifter och allmänna råd (AFS 2023:14) om gränsvärden för luftvägsexponering i arbetsmiljön

## DNEL

2-fenoxietanol;fenylglykol

Varaktighet:	Exponeringsväg:	DNEL:
Långvarig – Systemiska effekter	Hud	10,42 mg/kg
Långvarig – Systemiska effekter - Allmän befolkning	Hud	20,83 mg/kg
Långvarig – Systemiska effekter - Arbetare	Hud	34,72 mg/kg bw/day
Långvarig – Lokala effekter - Arbetare	Inandning	5,7 mg/m <sup>3</sup>
Långvarig – Systemiska effekter	Inandning	2,41 mg/m <sup>3</sup>
Långvarig – Systemiska effekter - Arbetare	Inandning	5,7 mg/m <sup>3</sup>
Långvarig – Systemiska effekter - Arbetare	Inandning	8,07 mg/m <sup>3</sup>
Långvarig	Oralt	9,23 mg/kg

etanol;etylalkohol

Varaktighet:	Exponeringsväg:	DNEL:
Långvarig – Systemiska effekter - Allmän befolkning	Hud	206 mg/kg bw/day
Långvarig – Systemiska effekter - Arbetare	Hud	343 mg/kg bw/day
Kortvarig – Lokala effekter - Allmän befolkning	Inandning	950 mg/m <sup>3</sup>
Kortvarig – Lokala effekter - Arbetare	Inandning	1900 mg/m <sup>3</sup>
Långvarig – Systemiska effekter - Allmän befolkning	Inandning	114 mg/m <sup>3</sup>
Långvarig – Systemiska effekter - Arbetare	Inandning	380 mg/m <sup>3</sup>
Långvarig – Systemiska effekter - Allmän befolkning	Oralt	87 mg/kg bw/day

isopropylalkohol

Varaktighet:	Exponeringsväg:	DNEL:
Långvarig – Systemiska effekter - Allmän befolkning	Hud	319 mg/kg
Långvarig – Systemiska effekter - Arbetare	Hud	888 mg/m <sup>3</sup>
Långvarig – Systemiska effekter - Allmän befolkning	Inandning	89 mg/m <sup>3</sup>
Långvarig – Systemiska effekter - Allmän befolkning	Inandning	89 mg/m <sup>3</sup>
Långvarig – Systemiska effekter - Arbetare	Inandning	500 mg/m <sup>3</sup>
Långvarig – Systemiska effekter - Allmän befolkning	Oralt	26 mg/kg

## PNEC

2-fenoxietanol;fenylglykol

Exponeringsväg:	Exponeringens varaktighet:	PNEC:
Avloppsreningsverk		24,8 mg/L
Avloppsreningsverk	Enstaka	36 mg/L
Havsvatten		0,0943 mg/L
Havsvatten sediment		0,7237 mg/kg
Jord		1,26 mg/kg
Sötvatten		0,943 mg/L
Sötvattenssediment		7,2366 mg/kg

etanol;etylalkohol

Exponeringsväg:	Exponeringens varaktighet:	PNEC:
Avloppsreningsverk		580 mg/L
Havsvatten		790 µg/L
Havsvatten sediment		2.9 mg/kg
Jord		630 µg/kg
Predatorer		380-720 mg/kg
Sötvatten		960 µg/L
Sötvattenssediment		3.6 mg/kg
Sporadiska utsläpp (sötvatten)		2.75 mg/L

isopropylalkohol

Exponeringsväg:	Exponeringens varaktighet:	PNEC:
Avloppsreningsverk		2251 mg/L
Havsvatten		140,9 mg/L
Havsvatten sediment		552 mg/kg
Jord		28 mg/kg
Sötvatten		140,9 mg/L
Sötvattenssediment		552 mg/kg
Sporadiska utsläpp		140,9 mg/L

## 8.2. Begränsning av exponeringen

Efterlevnad av hygieniska gränsvärden bör kontrolleras regelbundet.

### Generellt:

Rökning, förtäring av mat och intag av dryck är ej tillåtet i arbetslokalerna.

### Exponeringsscenarioer:

Det finns inga implementerade exponeringsscenarioer för denna produkt.

### Exponeringsgräns:

Yrkesmässiga användare omfattas av arbetsmiljölagstiftningens regler om maxkoncentrationer vid exponering. Se de arbetshygieniska gränsvärdena ovan.

### Tekniska åtgärder:

Ångbildning måste hållas på ett minimum och under nuvarande gränsvärden (se ovan). Installation av ett lokalt punktutslug rekommenderas om normalt luftflöde i arbetsrummet inte är tillräckligt. Se till att ögonsköljning och nöddusch är tydligt markerade.

Tillämpa standardföreskrifter vid användning av produkten. Undvik inandning av ångor.

### Hygieniska åtgärder:

Vid varje paus vid användning av produkten och vid arbetets slut skall de exponerade områdena på kroppen tvättas. Var särskilt noga med händer, underarmar och ansikte.

### Begränsning av miljöexponering:

Inga särskilda krav.

## Individuella skyddsåtgärder

### Allmänt:

Använd endast CE-märkt skyddsutrustning.

### Andningsskydd:

Typ	Klass	Färg	Standarder
Inga särskilda vid normal och avsedd användning.			

### Hudskydd:

Rekommenderad	Typ/Kategori	Standarder	
Inga särskilda vid normal och avsedd användning.	-	-	

**Handskydd:**

Arbetsituation	Handskmaterial	Handsktjocklek (mm)	Genombrottsid (min.)	Standarder	
	Inga särskilda vid normal och avsedd användning	-	-	-	
Om exponeringen varar under en längre tid eller koncentrationerna är höga	Bomull / Nitril	-	> 240	EN374-2, EN16523-1, EN388	

**Ögonskydd:**

Typ	Standarder	
Inga särskilda vid normal och avsedd användning.	-	

## AVSNITT 9: FYSIKALISKA OCH KEMISKA EGENSKAPER

### 9.1. Information om grundläggande fysikaliska och kemiska egenskaper

*Fysikaliskt tillstånd:*

Vätska

*Färg:*

Vit

*Lukt / Lukttröskel (ppm):*

Parfumerad

*pH:*

ca. 9

*Densitet (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Kinematisk viskositet:*

Ingen data tillgänglig.

*Dynamisk viskositet:*

ca 1000 mPa.s (20 °C)

*Partikelegenskaper:*

Gäller inte för vätskor.

#### Fas förändringar

*Smältpunkt/frys punkt (°C):*

Ingen data tillgänglig.

*Mjukpunkt/mjukpunktsintervall (°C):*

Gäller inte för vätskor.

*Kokpunkt (°C):*

Ingen data tillgänglig.

*Ångtryck:*

Ingen data tillgänglig.

*Relativ ångdensitet:*

Ingen data tillgänglig.

*Sönderdelningstemperatur (°C):*

Ingen data tillgänglig.

#### **Data om brand- och explosionsrisker**

*Flampunkt (°C):*

Ingen data tillgänglig.

*Brandfarlighet (°C):*

Ingen data tillgänglig.

*Självantändningstemperatur (°C):*

Ingen data tillgänglig.

*Explosionsgränser (% v/v):*

Ingen data tillgänglig.

#### **Löslighet**

*Löslighet i vatten:*

Ingen data tillgänglig.

*n-oktanol/vatten koefficient (LogKow):*

Ingen data tillgänglig.

*Löslighet i fett (g/L):*

Ingen data tillgänglig.

#### **9.2. Annan information**

*Andra fysikaliska och kemiska parametrar:*

Ingen data tillgänglig.

*Oxiderande egenskaper:*

Ingen data tillgänglig.

## **AVSNITT 10: STABILITET OCH REAKTIVITET**

### **10.1. Reaktivitet**

Ingen data tillgänglig.

### **10.2. Kemisk stabilitet**

Produkten är stabil under de förhållanden som anges i avsnitt 7 (Hantering och lagring).

### **10.3. Risken för farliga reaktioner**

Inga kända.

### **10.4. Förhållanden som ska undvikas**

Inga kända.

### **10.5. Oförenliga material**

Starka syror, starka baser, starka oxidationsmedel och starka reduktionsmedel.

### **10.6. Farliga sönderdelningsprodukter**

Under normala förvarings- och användningsförhållanden bör det inte skapas farliga nedbrytningsprodukter.

## **AVSNITT 11: TOXIKOLOGISK INFORMATION**

### **11.1. Information om faroklasser enligt förordning (EG) nr 1272/2008**

#### **Akut toxicitet**

Produkt/Ämne	isopropylalkohol
Art:	Råtta
Exponeringsväg:	Oralt
Test:	LD50
Resultat:	>2000 mg/kg

Produkt/Ämne isopropylalkohol  
Art: Kanin  
Exponeringsväg: Hud  
Test: LD50  
Resultat: >2000 mg/kg

Produkt/Ämne isopropylalkohol  
Art: Råtta  
Exponeringsväg: Inandning  
Test: LC50  
Resultat: >20

Produkt/Ämne isopropylalkohol  
Exponeringsväg: Oralt  
Test: LD50  
Resultat: 5849 mg/kg

Produkt/Ämne isopropylalkohol  
Art: Råtta  
Exponeringsväg: Oralt  
Test: LD50  
Resultat: 5840 mg/kg

Produkt/Ämne isopropylalkohol  
Art: Kanin  
Exponeringsväg: Hud  
Test: LD50  
Resultat: 12800 mg/kg

Produkt/Ämne isopropylalkohol  
Exponeringsväg: Inandning  
Test: LC50  
Resultat: 301002 mg/L

Produkt/Ämne 2-fenoxietanol;fenylglykol  
Art: Råtta  
Exponeringsväg: Oralt  
Test: LD50  
Resultat: 1840 mg/kg

Produkt/Ämne 2-fenoxietanol;fenylglykol  
Art: Kanin  
Exponeringsväg: Hud  
Resultat: >5000 mg/kg

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

#### Frätande/irriterande på huden

Produkt/Ämne isopropylalkohol  
Testmetod: OECD 404  
Art: Kanin  
Varaktighet: 4 hours

Produkt/Ämne 2-fenoxietanol;fenylglykol  
Resultat: Akuta effekter har observerats (Frätande)

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

#### Allvarlig ögonskada/ögonirritation

Produkt/Ämne isopropylalkohol  
Art: Kanin

Resultat:	Akuta effekter har observerats (Irriterande)
Produkt/Ämne	isopropylalkohol
Testmetod:	OECD 405
Art:	Kanin
Resultat:	Akuta effekter har observerats (Orsakar allvarliga ögonskador)

Produkt/Ämne	2-fenoxietanol;fenylglykol
Resultat:	Akuta effekter har observerats (Orsakar allvarliga ögonskador)

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

#### Luftvägssensibilisering

Produkt/Ämne	isopropylalkohol
Testmetod:	OECD 406
Art:	Marsvin
Resultat:	Inga skadliga effekter observerades (inte sensibiliserande)

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

#### Hudsensibilisering

Produkt/Ämne	isopropylalkohol
Art:	Marsvin
Resultat:	Inga skadliga effekter observerades (inte sensibiliserande)

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

#### Mutagenitet i könsceller

Produkt/Ämne	isopropylalkohol
Slutsats:	Inga skadliga effekter observerades

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

#### Cancerogenitet

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

#### Reproduktionstoxicitet

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

#### Specifik organtoxicitet - enstaka exponering

Produkt/Ämne	isopropylalkohol
Exponeringsväg:	Oralt

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

#### Specifik organtoxicitet - upprepad exponering

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

#### Fara vid aspiration

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

### 11.2. Information om andra faror

#### Långsiktiga effekter

Inga kända.

#### Hormonstörande egenskaper

Denna blandning/produkt innehåller inga ämnen som anses ha hormonstörande egenskaper med avseende på hälsan.

#### Annan information

isopropylalkohol: Substansen har klassificerats i grupp 3 av IARC.

## AVSNITT 12: EKOLOGISK INFORMATION

### 12.1. Toxicitet

Produkt/Ämne	isopropylalkohol
Art:	Fisk, Goudwinde (Leuciscus idus)
Varaktighet:	48 timmar

Test: LC50  
Resultat: >100 mg/L

Produkt/Ämne: isopropylalkohol  
Art: Kräftdjur, Daphnia magna  
Varaktighet: 48 timmar  
Test: EC50  
Resultat: >100 mg/L

Produkt/Ämne: isopropylalkohol  
Art: Alger, Scenedesmus subspicatus  
Varaktighet: 72 timmar  
Test: EC50  
Resultat: >100 mg/L

Produkt/Ämne: 2-fenoxietanol;fenylglykol  
Art: Fisk  
Varaktighet: 96 timmar  
Test: LC50  
Resultat: >100 mg/L

Produkt/Ämne: 2-fenoxietanol;fenylglykol  
Art: Alger  
Varaktighet: 72 timmar  
Test: ErC50  
Resultat: >100 mg/L

Produkt/Ämne: 2-fenoxietanol;fenylglykol  
Art: Daphnia magna  
Varaktighet: 48 timmar  
Test: EC50  
Resultat: >100 mg/L

Produkt/Ämne: 2-fenoxietanol;fenylglykol  
Art: Fisk  
Test: NOEC  
Resultat: 23 mg/L

Produkt/Ämne: 2-fenoxietanol;fenylglykol  
Art: Andere waterorganismen  
Varaktighet: 30 minutes  
Test: EC50  
Resultat: >1000 mg/L

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

### 12.2. Persistens och nedbrytbarhet

Produkt/Ämne: isopropylalkohol  
Resultat: 95%  
Slutsats: Lättnedbrytbarhet  
Test: OECD 301 E

Produkt/Ämne: 2-fenoxietanol;fenylglykol  
Resultat: >70  
Slutsats: Lättnedbrytbarhet  
Test: OECD 301 A

### 12.3. Bioackumuleringsförmåga

Produkt/Ämne: isopropylalkohol  
BCF: <100  
LogKow: <3

Slutsats: -

Produkt/Ämne 2-fenoxietanol;fenylglykol  
BCF: 0.349  
LogKow: 1.2  
Slutsats: -

#### 12.4. Rörlighet i jord

Ingen data tillgänglig.

#### 12.5. Resultat av PBT- och vPvB-bedömningen

Denna blandning/produkt innehåller inga ämnen som anses uppfylla kriterierna för klassificering som PBT- och/eller vPvB-ämnen.

#### 12.6. Hormonstörande egenskaper

Denna blandning/produkt innehåller inga ämnen som anses ha endokrinstörande egenskaper i förhållande till miljön.

#### 12.7. Andra skadliga effekter

Inga kända.

## AVSNITT 13: AVFALLSHANTERING

#### 13.1. Avfallsbehandlingsmetoder

Produkten omfattas ej av reglerna om farligt avfall.  
Avfallsförordning (SFS 2020:614).

*EWC-kod:*

20 01 30 Andra rengöringsmedel än de som anges i 20 01 29

#### Förorenad förpackning

Avfallskategori är vägledande och beror på vilket sätt avfallet har blivit till. Förpackningar med restinnehåll av produkten skall kasseras på samma sätt som produkten.

## AVSNITT 14: TRANSPORTINFORMATION

	14.1 UN	14.2 Officiell transportbenämning	14.3 Faroklass för transport	14.4 PG*	14.5 Env**	Annan information:
ADR	1950	AEROSOLS	Klass: 2 Etiketter: 2.2 Klassificeringskod: 5A	-	Nej	Begränsade mängder: 1 L Tunnelrestriktionskod: 3 (E) Se mer information nedan.
IMDG	1950	AEROSOLS	Klass: 2 Etiketter: 2.2 Klassificeringskod: 5A	-	Nej	Begränsade mängder: 1 L EmS: F-D S-U Se mer information nedan.
IATA	1950	AEROSOLS	Klass: 2 Etiketter: 2.2 Klassificeringskod: 5A	-	Nej	Se mer information nedan.

\* Förpackningsgrupp

\*\* Miljöfaror

### Annat

Produkten omfattas av konventionerna gällande farligt gods.

ADR / Se Tabell A, Avsnitt 3.2.1 för all information om särskilda villkor, krav eller varningar i samband med transport. Se avsnitt 5.4.3 för skriftliga instruktioner angående begränsning av skador när det gäller incidenter eller olyckor under transport.

IMDG / Se Avsnitt 3.2.1 för all information om särskilda villkor, krav eller varningar i samband med transport.

IATA / Se Tabell 4.2 för all information om särskilda villkor, krav eller varningar i samband med transport.

### 14.6. Särskilda skyddsåtgärder

Ej tillämpligt.

### 14.7. Bulktransport till sjöss enligt IMO:s instrument

Ingen data tillgänglig.

## AVSNITT 15: GÄLLANDE FÖRESKRIFTER

### 15.1. Föreskrifter/lagstiftning om ämnet eller blandningen när det gäller säkerhet, hälsa och miljö

#### Användningsrestriktioner:

Endast för yrkesmässigt bruk.

#### Krav på särskild utbildning:

Inga särskilda krav.

#### SEVESO - Farokategorier / Farliga ämnen:

Ej tillämpligt.

#### REACH, Bilaga XVII:

isopropylalkohol faller inom begränsningarna för REACH-förordningen (Post nr. 40).

etanol;etylalkohol faller inom begränsningarna för REACH-förordningen (Post nr. 40).

#### Märkning av innehåll i enlighet med förordning (EG) nr 648/2004 om tvätt- och rengöringsmedel:

< 5%

- Anjoniska tensider
- Nonjoniska tensider
- Parfym
- Konserveringsmedel (PHENOXYETHANOL)

#### Annat:

Ej tillämpligt.

#### Källor:

Arbetsmiljöverkets föreskrifter och allmänna råd (AFS 2023:2) om planering och organisering av arbetsmiljöarbete – grundläggande skyldigheter för dig med arbetsgivaransvar

Europaparlamentets och rådets förordning (EG) nr 648/2004 av den 31 mars 2004 om tvätt- och rengöringsmedel. Avfallsförordning (SFS 2020:614).

Europaparlamentets och rådets förordning (EG) nr 1272/2008 av den 16 december 2008 om klassificering, märkning och förpackning av ämnen och blandningar (CLP).

Europaparlamentets och rådets förordning (EG) nr 1907/2006 av den 18. december 2006 om registrering, utvärdering, godkännande och begränsning av kemikalier (REACH).

### 15.2. Kemikaliesäkerhetsbedömning

Nej

## AVSNITT 16: ANNAN INFORMATION

### Ordalydelse för H-fraser som anges i avsnitt 3

H225, Mycket brandfarlig vätska och ånga.

H302, Skadligt vid förtäring.

H318, Orsakar allvarliga ögonskador.

H319, Orsakar allvarlig ögonirritation.

H335, Kan orsaka irritation i luftvägarna.

H336, Kan göra att man blir dåsig eller omtöcknad.

### Förkortningar och akronymer

ADR = Europeisk överenskommelse om transport av farligt gods på väg  
ATE = Uppskattad akut toxicitet  
BCF = Biokoncentrationsfaktor  
CAS = Registeringsnummer som tilldelats av Chemical Abstract Services  
CE = Conformité Européenne (I överensstämmelse med EU-direktiven)  
CLP = Europaparlamentets och rådets förordning (EG) 1272/2009 (CLP) om klassificering, märkning och förpackning av ämnen och blandningar  
CSA = Kemikaliesäkerhetsbedömning  
CSR = Kemikaliesäkerhetsrapport  
DNEL = Härledd noll-effekt nivå (Derived No Effect Level)  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exponeringsscenario  
EUH-faroorangivelser = kompletterande faroorangivelser enligt CLP  
EuPCS = Det europeiska produktkategoriseringssystemet  
EWC = Europeiska avfallskatalogen  
GHS = Globalt harmoniserat system för klassificering och märkning av kemiska ämnen och beredningar  
GWP = Potential att bidra till växthuseffekten  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logaritmen av fördelningskoefficienten oktanol/vatten  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistenta, bioackumulerande och toxiska  
PNEC = Koncentration som sannolikt inte förorsakar negativ effekt  
REACH = Registrering, utvärdering, godkännande och begränsning av kemikalier (Förordning (EG) nr 1907/2006)  
RRN = REACH registreringsnummer  
SCL = Specifik koncentrationsbegränsning.  
STOT-RE = Toxicitet för specifikt målorgan - upprepad exponering  
STOT-SE = Toxicitet för specifikt målorgan - enstaka exponering  
SVHC = Särskilt farliga ämnen  
UVBC = Ämnen med okänd eller varierande sammansättning, komplexa reaktionsprodukter eller biologiskt material.  
UN = Förenta Nationerna  
VOC = Flyktiga organiska ämnen  
vPvB = Mycket persistenta och mycket bioackumulerande

### Annat

Ej tillämpligt.

### Säkerhetsdatabladet är validerat av

Quality & Compliance

### Annat

Modifierad data i jämförelse med tidigare utgåva är märkt med en trekant (Första siffran i SDB version).  
Upplysningarna i detta säkerhetsdatablad är baserat på vår nuvarande kunskap. Informationen på säkerhetsdatabladet bygger på bästa tillgängliga data och gäller vid produktens avsedda hantering. Detta säkerhetsdatablad avser endast denna produkt och är eventuellt inte tillämpligt om produkten används som ingrediens i annan produkt. Användes produkten på annat sätt eller i annan applikation än den som produkten ursprungligen utvecklats för, eller rekommenderats till, sker detta helt under användarens ansvar. Avsikten med detta säkerhetsdatablad är att beskriva säkerhetskraven för produkten. Det får inte uppfattas som en garanti för produktens egenskaper och informationerna kan inte ersätta ett produktdatablad.  
Det rekommenderas att detta säkerhetsdatablad lämnas till den faktiska användaren av produkten.

Land-språk: SE-sv

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product identifier**

*Trade name:*

i.26 kitchen polish (Alu-Air)

**Relevant identified uses of the substance or mixture and uses advised against**

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

**Details of the supplier of the safety data sheet**

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

26/5/2025

*SDS Version:*

1.0

**Emergency telephone number**

In an emergency call 995

In less severe situations call the Drugs & Poison Hotline: 6423 9119

See section 4 "First aid measures".

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to SS 586-2:2022.

**Classification of the substance or mixture**

Aerosol 3; H229, Pressurised container: May burst if heated.

**Label elements**

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

**Hazard statement(s):**

Pressurised container: May burst if heated. (H229)

**Precautionary statement(s):**

**General:**

-

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

**Response:**

-

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

**Disposal:**

-

**Hazardous substances:**

Does not contain any substances required to report

**Additional labelling:**

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Substances**

Not applicable. This product is a mixture.

**Mixtures**

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

**Other information**

-

## SECTION 4: FIRST AID MEASURES

**Description of first aid measures**

**General information:**

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation:**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact:**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion:**

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

**Burns:**

Not applicable.

**Most important symptoms and effects, both acute and delayed**

None known.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medic**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

**Extinguishing media**

Not applicable.

**Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

**Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact Drugs & Poison Hotline (tel: 6423 9119) in order to obtain further advice.

Hazchem Code: None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

**Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

**Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

**Precautions for safe handling**

Do not pierce or burn, even after use.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

**Conditions for safe storage, including any incompatibilities**

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Keep only in original packaging.

*Storage conditions:*

Dry, cool and well ventilated

*Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**Specific end use(s)**

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

isopropyl alcohol

Long term PEL (8 hours) (ppm): 400

Long term PEL (8 hours) (mg/m<sup>3</sup>): 983

Short term PEL (15 minutes) (ppm): 500

Short term PEL (15 minutes) (mg/m<sup>3</sup>): 1230

ethanol;ethyl alcohol

Long term PEL (8 hours) (ppm): 1000

Long term PEL (8 hours) (mg/m<sup>3</sup>): 1880

Workplace Safety and Health Act (Chapter 354a, Section 65), Workplace Safety and Health (General Provisions) Regulations (G.N. No. S 134/2006) (Latest revision: January 2023)

**Exposure controls**

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

*Appropriate technical measures:*

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Conforms to Singapore Standard SS 586-3:2022

Apply standard precautions during use of the product. Avoid inhalation of vapours.

**Hygiene measures:**

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

**Measures to avoid environmental exposure:**

No specific requirements.

**Individual protection measures, such as personal protective equipment**

**Generally:**

Use only protective equipment with a recognized certification mark, e.g. the S-Mark.

**Respiratory Equipment:**

Type	Class	Colour	Standards
No special when used as intended.			

**Skin protection:**

Recommended	Type/Category	Standards
No special when used as intended.	-	-

**Hand protection:**

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
	No special when used as intended	-	-	-
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388



**Eye protection:**

Type	Standards
No special when used as intended.	-

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

**Form:**

Liquid

**Colour:**

White

**Odour:**

Of perfume

**Odour threshold (ppm):**

No data available.

**pH:**

ca. 9

**Density (g/cm<sup>3</sup>):**

1.06 (20 °C)

**Kinematic viscosity:**

No data available.

**Dynamic viscosity:**

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

#### **Phase changes**

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

*Evaporation rate (n-butylacetate = 100):*

#### **Data on fire and explosion hazards**

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Explosion limits (% v/v):*

No data available.

#### **Solubility**

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

#### **Other information**

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

#### **Reactivity**

No data available.

#### **Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **Possibility of hazardous reactions**

None known.

#### **Conditions to avoid**

None known.

**Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Acute toxicity**

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: >2000 mg/kg

Product/substance: isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: >2000 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Inhalation  
Test: LC50  
Result: >20

Product/substance: isopropyl alcohol  
Route of exposure: Oral  
Test: LD50  
Result: 5849 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 5840 mg/kg

Product/substance: isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: 12800 mg/kg

Product/substance: isopropyl alcohol  
Route of exposure: Inhalation  
Test: LC50  
Result: 301002 mg/L

Product/substance: 2-phenoxyethanol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 1840 mg/kg

Product/substance: 2-phenoxyethanol  
Species: Rabbit  
Route of exposure: Dermal

Conforms to Singapore Standard SS 586-3:2022

Result: >5000 mg/kg

Based on available data, the classification criteria are not met.

**Skin corrosion/irritation**

Product/substance isopropyl alcohol  
Test method: OECD 404  
Species: Rabbit  
Duration: 4 hours

Product/substance 2-phenoxyethanol  
Result: Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Product/substance isopropyl alcohol  
Species: Rabbit  
Result: Adverse effect observed (Irritating)

Product/substance isopropyl alcohol  
Test method: OECD 405  
Species: Rabbit  
Result: Adverse effect observed (Causes serious eye damage)

Product/substance 2-phenoxyethanol  
Result: Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

**Respiratory sensitisation**

Product/substance isopropyl alcohol  
Test method: OECD 406  
Species: Guinea pig  
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

**Skin sensitisation**

Product/substance isopropyl alcohol  
Species: Guinea pig  
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Product/substance isopropyl alcohol  
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.  
isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

**Reproductive toxicity**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Product/substance isopropyl alcohol  
Route of exposure: Oral

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

None known.

**SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity**

Product/substance isopropyl alcohol  
Species: Fish, Goudwinde (Leuciscus idus)  
Duration: 48 hours  
Test: LC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Crustacean, Daphnia magna  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, Scenedesmus subspicatus  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Daphnia magna  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC  
Result: 23 mg/L

Product/substance 2-phenoxyethanol  
Species: Andere waterorganismen  
Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

**Persistence and degradability**

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Conforms to Singapore Standard SS 586-3:2022

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

#### Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

#### Mobility in soil

No data available.

#### Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Environmental Protection and Management Act 1999 (2020 Rev. Ed.)

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
						See below for additional information.
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information.

\* Packing group

\*\* Environmental hazards

**Additional information**

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

Hazchem Code: None

**Special precautions for user**

Not applicable.

**Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

## SECTION 15: REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*Major hazard installation:*

Not applicable.

*Additional information:*

Not applicable.

*Sources:*

Employment Act 1968 (2020 Rev. Ed.)

Environmental Protection and Management Act 1999 (2020 Rev. Ed.)

Environmental Protection and Management Act (Chapter 94a, Section 77), Environmental Protection and Management (Hazardous Substances) Regulations (No. S 159/1999)

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019) as specified by SS 586-2 and SS 586-3:2022.

**Chemical safety assessment**

No

## SECTION 16: OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.  
H302, Harmful if swallowed.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H335, May cause respiratory irritation.  
H336, May cause drowsiness or dizziness.

### The full text of identified uses as mentioned in section 1

None known.

### Abbreviations and acronyms

ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
EINECS = European Inventory of Existing Commercial chemical Substances  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PEL = Permissible Exposure Level  
RCM = Regulatory Mark of Conformity  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
SCL = A specific concentration limit  
SS = Singapore Standard  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

### Additional information

Not applicable.

### The safety data sheet is validated by

Quality & Compliance

### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.  
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.  
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.  
Country-language: SG-en

## VARNOSTNI LIST

# i.26 kitchen polish (Alu-Air)

## ODDELEK 1: IDENTIFIKACIJA SNOVI/ZMESI IN DRUŽBE/PODJETJA

### 1.1. Identifikator izdelka

*Trgovsko ime:*

i.26 kitchen polish (Alu-Air)

*Enolični identifikator formule (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Pomembne identificirane uporabe snovi ali zmesi in odsvetovane uporabe

*Pomembne identificirane uporabe snovi ali zmesi:*

Detergenti in čistilna sredstva (vključno s tistimi na osnovi topil)  
Samo za poklicne uporabnike.

*Odsvetovane uporabe:*

Ni znano.

### 1.3. Podrobnosti o dobavitelju varnostnega lista

*Podjetje in naslov podjetja:*

**Hygeniq B.V.**

Lenteweg 15  
7532 RV Enschede  
Nederland  
0534282860

*E-pošta:*

info@hygeniq.com

*Sprememba:*

26. 05. 2025

*Različica SDS:*

1.0

### 1.4. Telefonska številka za nujne primere

112

Glejte oddelek 4 "Ukrepi za prvo pomoč"

## ODDELEK 2: DOLOČITEV NEVARNOSTI

Razvrščeno glede na Uredbo (ES) št. 1272/2008 (CLP).

### 2.1. Razvrstitev snovi ali zmesi

Aerosol 3; H229, Posoda je pod tlakom: lahko eksplodira pri segrevanju.

### 2.2. Elementi etikete

*Piktogram(i) za nevarnost:*

Se ne uporablja.

*Opozorilna beseda:*

Pozor

*Stavki o nevarnosti:*

Posoda je pod tlakom: lahko eksplodira pri segrevanju. (H229)

**Previdnostni stavki:**

**Splošno:**

-

**Preprečevanje:**

Hraniti ločeno od vročine, vročih površin, isker, odprtega ognja in drugih virov vžiga. Kajenje prepovedano. (P210)

Ne preluknjajte ali sežigajte je niti, ko je prazna. (P251)

**Odgovor:**

-

**Shramba:**

Zaščititi pred sončno svetlobo. Ne izpostavljati temperaturam nad 50 °C/122 °F. (P410+P412)

**Odstranjevanje:**

-

**Identiteta snovi, ki so primarno odgovorne za večja zdravstvena tveganja:**

Ne vsebuje snovi, ki so potrebne za poročanje

**Dodatno označevanje:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Označevanje vsebine v skladu z Uredbo o detergentih 648/2004:**

< 5%

- Anionske površinsko aktivne snovi
- Neionske površinsko aktivne snovi
- Parfumi
- Konzervansu (PHENOXYETHANOL)

## 2.3. Druge nevarnosti

**Dodatna opozorila:**

Mešanica/izdelek ne vsebuje nobenih snovi, ki izpolnjujejo merila za razvrstitev kot PBT in/ali vPvB.

Ta proizvod ne vsebuje nobenih snovi, za katere se šteje, da so endokrini motilci v skladu z merili, določenimi v Delegirani uredbi Komisije (EU) 2017/2100 ali Uredbi Komisije (EU) 2023/707.

## ODDELEK 3: SESTAVA/PODATKI O SESTAVINAH

### 3.1. Snovi

Se ne uporablja. Ta proizvod je mešanica.

### 3.2. Zmesi

Izdelek/sestavina	Identifikatorji	% w/w	Razvrstitev	Opombe
izopropil alkohol	Št. CAS: 67-63-0 Št. ES: 200-661-7 REACH: Indeksna št.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
etanol;etil alkohol	Št. CAS: 64-17-5 Št. ES: 200-578-6 REACH: Indeksna št.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoksietanol	Št. CAS: 122-99-6 Št. ES: 204-589-7 REACH: 01-2119488943-21 Indeksna št.: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

Poglejte celotno besedilo o H-stavkih v oddelek 16. Mejne vrednosti poklicne izpostavljenosti so naštetje v oddelek 8, če so na voljo.

## Druge informacije

-

## ODDELEK 4: UKREPI ZA PRVO POMOČ

### 4.1. Opis ukrepov za prvo pomoč

#### *Splošne informacije:*

V primeru nesreče: Stopite v stik z zdravnikom ali urgenco - vzemite nalepko ali ta varnostni list s sabo. Posvetujte z zdravnikom, če ste v dvomih o stanju poškodovanca ali če simptomi ne izginejo. Nikoli ne dajajte nezavestni osebi vode ali podobno.

#### *Vdihavanje:*

Ob težavah z dihanjem ali draženju dihal: Pospremite osebo na svež zrak in ostanite tam z njo.

#### *Stik s kožo:*

Hkrati odstranite kontaminirana oblačila ter obutev. Kožo, ki je bila v stiku z materialom, je treba temeljito sprati z vodo in milom. Lahko se uporabi čistilo za kožo. NE UPORABLJAJTE topil in razredčil.

#### *Stik z očmi:*

Pri stiku z očmi: Oči spirajte z vodo ali fiziološko raztopino (20-30 ° C) najmanj 5 minut. Odstranite kontaktne leče. Poiščite zdravniško pomoč in nadaljujte z izpiranjem med prevozom.

#### *Zaužitje:*

Če je oseba pri zavesti, sperite usta z vodo in ostanite ob osebi. Če se oseba počuti slabo, se takoj posvetujte z zdravnikom in vzemite ta varnostni list ali etiketo z izdelka, z vami. Ne izzivajte bruhanja, razen če ga priporoča zdravnik. Držite glavo obrnjeno navzdol, tako da ne izbljuvek ne teče nazaj v usta in grlo.

#### *Opekline:*

Se ne uporablja.

### 4.2. Najpomembnejši simptomi in učinki, akutni in zapozneli

Ni znano.

### 4.3. Navedba kakršne koli takojšnje medicinske oskrbe in posebnega zdravljenja

Zdravite simptomatsko.

### Navodila medicinskemu osebju

Prinesite ta varnostnega lista ali etiketo z materiala.

## ODDELEK 5: PROTIPOŽARNI UKREPI

### 5.1. Sredstva za gašenje

Se ne uporablja.

### 5.2. Posebne nevarnosti v zvezi s snovjo ali zmesjo

Posoda je pod tlakom. V ognju ali ob segrevanju se poviša tlak, zato lahko posoda eksplodira.

Ob izbruhu ognja pride do gostega dima. Izpostavljenost kataboličnim izdelkom lahko škoduje vašemu zdravju.

Zaprte posode, ki so izpostavljene ognju, je treba ohladiti z vodo. Preprečite, da bi voda, s katero je bil gašen požar, iztekala v kanalizacijo in druge vodotoke.

Če je izdelek izpostavljen visokim temperaturam, kot v primeru požara, se proizvedejo nevarne katabolne snovi. To so:

Ogljikovi oksidi (CO / CO<sub>2</sub>)

Nekateri kovinski oksidi

### 5.3. Nasvet za gasilce

Za preprečitev stika, nosite samozadosten dihalni aparat in zaščitno obleko.

## ODDELEK 6: UKREPI OB NENAMERNIH IZPUSTIH

### 6.1. Osebnih varnostnih ukrepov, zaščitna oprema in postopki v sili

Zagotovite ustrezno prezračevanje, predvsem v zaprtih prostorih.  
Kontaminirana območja so lahko spolzka.

### 6.2. Okoljevarstveni ukrepi

Izogibajte se izpustom v jezera, potoke, kanalizacijo, itd.  
Nepooblaščenim osebam naj se ne približujejo razlitju

### 6.3. Metode in materiali za zadrževanje in čiščenje

Razlitje omejite in zberite z nevljudnim, vpojnim materialom, npr. peskom, zemljo, vermikulitom ali diatomejsko zemljo, in dajte v posodo za odlaganje v skladu z lokalnimi predpisi.  
Počistiti je potrebno v največji možni meri, z uporabo običajnih čistil. Izogibati se je potrebno topilom.

### 6.4. Sklizevanje na druge oddelke

Glejte oddelek 13 "Odstranjevanje" za ravnanje z odpadki.  
Za zaščitne ukrepe glejte oddelek 8 "Nadzor izpostavljenosti/osebna zaščita".

## ODDELEK 7: RAVNANJE IN SKLADIŠČENJE

### 7.1. Varnostni ukrepi za varno ravnanje

Ne prelučnjajte ali sežigajte je niti, ko je prazna.  
V delovnih prostorih ni dovoljeno kajenje, uživanje hrane ali tekočine in shranjevanje tobaka, hrane ali tekočine.  
Glejte oddelek "Nadzor izpostavljenosti/osebna zaščita" za informacije glede osebne zaščite.

### 7.2. Pogoji za varno skladiščenje, vključno z nezdružljivostjo

Shranjujte v tesno zaprti posodi in zaščiteno pred vlago in svetlobo. Posode je treba ob odprtju datirati in občasno preverjati glede prisotnosti peroksidov. Ne prekoračite časovne omejitve skladiščenja.  
Posode, ki so bile odprte, se morajo previdno zatesniti in hraniti v pokončnem položaju, da se prepreči iztekanje.

#### Združljivostjo embalaže:

Hraniti samo v originalni embalaži.

#### Pogji skladiščenja:

Suho, hladno in dobro prezračeno

#### Nezdružljivi materiali:

Močne kisline, močne baze, močni oksidanti in močni reducenti.

### 7.3. Posebne končne uporabe

Ta izdelek se sme uporabljati le za uporabe, opisane v oddelek 1.2.

## ODDELEK 8: NADZOR IZPOSTAVLJENOSTI/OSEBNA ZAŠČITA

### 8.1. Parametri nadzora

izopropil alkohol

Kratkotrajna vrednost (15 min) (KTV) (ppm): 400

Kratkotrajna vrednost (15 min) (KTV) (mg/m<sup>3</sup>): 1000

Mejne vrednosti (8 ur) (MV) (ppm): 200

Mejne vrednosti (8 ur) (MV) (mg/m<sup>3</sup>): 500

Opombe:

BAT = Biološka mejna vrednost – določena je biološka mejna vrednost, ki pomeni opozorilno raven nevarne kemične snovi in njenih metabolitov v tkivih, telesnih tekočinah ali izdihanem zraku, ne glede na to, ali je nevarna kemična snov vnesena v organizem z vdihavanjem, zaužitjem ali skozi kožo.

Y = Snovi, pri katerih ni nevarnosti za zarodek ob upoštevanju mejnih vrednosti in BAT-vrednosti.

etanol;etil alkohol

Kratkotrajna vrednost (15 min) (KTV) (ppm): 1000

Kratkotrajna vrednost (15 min) (KTV) (mg/m<sup>3</sup>): 1920

Mejne vrednosti (8 ur) (MV) (ppm): 500

Mejne vrednosti (8 ur) (MV) (mg/m<sup>3</sup>): 960

Opombe:

Y = Snovi, pri katerih ni nevarnosti za zarodek ob upoštevanju mejnih vrednosti in BAT-vrednosti.

2-fenoksietanol

Kratkotrajna vrednost (15 min) (KTV) (ppm): 1

Kratkotrajna vrednost (15 min) (KTV) (mg/m<sup>3</sup>): 5,7

Mejne vrednosti (8 ur) (MV) (ppm): 1

Mejne vrednosti (8 ur) (MV) (mg/m<sup>3</sup>): 5,7

Opombe:

Y = Snovi, pri katerih ni nevarnosti za zarodek ob upoštevanju mejnih vrednosti in BAT-vrednosti.

1602. Pravilnik o spremembah in dopolnitvah Pravilnika o varovanju delavcev pred tveganji zaradi izpostavljenosti kemičnim snovem pri delu, stran 4251.

**DNEL**

2-fenoksietanol

Trajanje:	Način izpostavljenosti:	DNEL:
Dolgoročno - sistemski učinki	Dermalno	10,42 mg/kg
Dolgoročno - sistemski učinki - delavci	Dermalno	34,72 mg/kg bw/day
Dolgoročno - sistemski učinki - splošna populacija	Dermalno	20,83 mg/kg
Dolgoročno - lokalni učinki - delavci	Inhalacija	5,7 mg/m <sup>3</sup>
Dolgoročno - sistemski učinki	Inhalacija	2,41 mg/m <sup>3</sup>
Dolgoročno - sistemski učinki - delavci	Inhalacija	5,7 mg/m <sup>3</sup>
Dolgoročno - sistemski učinki - delavci	Inhalacija	8,07 mg/m <sup>3</sup>
Dolgoročno	Oralno	9,23 mg/kg

etanol;etil alkohol

Trajanje:	Način izpostavljenosti:	DNEL:
Dolgoročno - sistemski učinki - delavci	Dermalno	343 mg/kg bw/day
Dolgoročno - sistemski učinki - splošna populacija	Dermalno	206 mg/kg bw/day
Dolgoročno - sistemski učinki - delavci	Inhalacija	380 mg/m <sup>3</sup>
Dolgoročno - sistemski učinki - splošna populacija	Inhalacija	114 mg/m <sup>3</sup>
Kratkoročno - lokalni učinki - delavci	Inhalacija	1900 mg/m <sup>3</sup>
Kratkoročno - lokalni učinki - splošna populacija	Inhalacija	950 mg/m <sup>3</sup>
Dolgoročno - sistemski učinki - splošna populacija	Oralno	87 mg/kg bw/day

izopropil alkohol

Trajanje:	Način izpostavljenosti:	DNEL:
Dolgoročno - sistemski učinki - delavci	Dermalno	888 mg/m <sup>3</sup>
Dolgoročno - sistemski učinki - splošna populacija	Dermalno	319 mg/kg
Dolgoročno - sistemski učinki - delavci	Inhalacija	500 mg/m <sup>3</sup>
Dolgoročno - sistemski učinki - splošna populacija	Inhalacija	89 mg/m <sup>3</sup>
Dolgoročno - sistemski učinki - splošna populacija	Inhalacija	89 mg/m <sup>3</sup>
Dolgoročno - sistemski učinki - splošna populacija	Oralno	26 mg/kg

**PNEC**

2-fenoksietanol

Način izpostavljenosti:	Trajanje izpostavljenosti:	PNEC:
Morska usedlina		0,7237 mg/kg
Morska voda		0,0943 mg/L
Naprava za čiščenje odplak		24,8 mg/L

Naprava za čiščenje odplak	Enkratno	36 mg/L
Sladka voda		0,943 mg/L
Sladkovona usedlina		7.2366 mg/kg
Tla		1,26 mg/kg

etanol;etil alkohol

Način izpostavljenosti:	Trajanje izpostavljenosti:	PNEC:
Morska usedlina		2.9 mg/kg
Morska voda		790 µg/L
Naprava za čiščenje odplak		580 mg/L
Občasno spuščanje (sladka voda)		2.75 mg/L
Plenilci		380-720 mg/kg
Sladka voda		960 µg/L
Sladkovona usedlina		3.6 mg/kg
Tla		630 µg/kg

izopropil alkohol

Način izpostavljenosti:	Trajanje izpostavljenosti:	PNEC:
Morska usedlina		552 mg/kg
Morska voda		140,9 mg/L
Naprava za čiščenje odplak		2251 mg/L
Občasno spuščanje		140,9 mg/L
Sladka voda		140,9 mg/L
Sladkovona usedlina		552 mg/kg
Tla		28 mg/kg

## 8.2. Nadzor izpostavljenosti

Skladnost z navedenimi vrednostmi omejitev ob izpostavljenosti, je treba redno preverjati.

*Splošna priporočila:*

V delovnih prostorih ni dovoljeno kajenje, uživanje hrane ali tekočine in shranjevanje tobaka, hrane ali tekočine.

*Scenariji izpostavljenosti:*

Za ta izdelek ni scenarijev izpostavljenosti.

*Omejitve izpostavljenosti:*

Trgovci so zajeti v pravilih zakonodaje delovnega okolja glede najvišjih dovoljenih koncentracij izpostavljenosti.

Zgoraj si oglejte mejne vrednosti delovne higijene.

*Primerni tehnični ukrepi:*

Nastajanje pare naj bo minimalno in pod vrednostmi trenutne omejitve (glejte zgoraj.). Če v delovnem prostoru ni zadostnega normalnega zračnega pretoka, je priporočena namestitev lokalnega izpušnega sistema. Prepričajte se, da so zasilne enote za izpiranje oči in prhe jasno označene.

Med uporabo izdelka upoštevajte varnostne ukrepe. Izogibajte se vdihavanju hlapov.

*Higijski ukrepi:*

Kadarkoli si vzamete premor ob uporabi tega izdelka in ko ga prenehate uporabljati, je potrebno oprati vse izpostavljene površine telesa. Bodite posebej pozorni na roke, podlakti in obraz.

*Ukrepi, da se prepreči okoljska izpostavljenost:*

Ni posebnih zahtev.

## Posamezni varnostni ukrepi, kot na primer osebna zaščitna oprema

*Na splošno:*

Uporabljajte samo zaščitno opremo z oznako CE.

*Dihalna oprema:*

Tip	Razred	Barva	Standarde	
Brez posebnosti, ko je v nameravani uporabi.				

**Zaščita kože:**

Priporočeno	Tipa/Kategorije	Standarde	
Brez posebnosti, ko je v nameravani uporabi	-	-	

**Zaščita za roke:**

Okoliščine na delovnem mestu	Material	Debelina rokavice (mm)	Čas prodiranja (min.)	Standarde	
	Brez posebnosti, ko je v nameravani uporabi	-	-	-	
V primeru dolgotrajne izpostavljenosti ali pri visokih koncentracijah	Bombaža / Nitrilna guma	-	> 240	EN374-2, EN16523-1, EN388	

**Zaščita za oči:**

Tip	Standarde	
Brez posebnosti, ko je v nameravani uporabi.	-	

## ODDELEK 9: FIZIKALNE IN KEMIJSKE LASTNOSTI

### 9.1. Podatki o osnovnih fizikalnih in kemijskih lastnostih

**Oblika:**

Tekoč

**Barva:**

Bel

**Vonj / Mejne vrednosti vonja (ppm):**

Odišavljen

**pH:**

ca. 9

**Gostota (g/cm<sup>3</sup>):**

1,06 (20 °C)

**Kinematična viskoznost:**

Podatki niso na voljo.

**Dinamična viskoznost:**

ca 1000 mPa.s (20 °C)

**Lastnosti delcev:**

Se ne uporablja za tekočine.

### Spremembe faz

**Tališče/ledišče (°C):**

Podatki niso na voljo.

**Zmehčišče (voskih in pastah) (°C):**

Se ne uporablja za tekočine.

**Vreliščna točka (°C):**

Podatki niso na voljo.

**Pritisk pare:**

Podatki niso na voljo.

*Relativna parna gostota:*

Podatki niso na voljo.

*Temperatura razpadanja (°C):*

Podatki niso na voljo.

#### **Podatki o nevarnostih požara in eksplozije**

*Plamenišče (°C):*

Podatki niso na voljo.

*Vnetljivost (°C):*

Podatki niso na voljo.

*Temperatura samovžiga (°C):*

Podatki niso na voljo.

*Omejitve eksplozije (Vol %):*

Podatki niso na voljo.

#### **Topnost**

*Topnost v vodi:*

Podatki niso na voljo.

*n-oktanol / vodni koeficient (LogKow):*

Podatki niso na voljo.

*Topnost v maščobi (g/L):*

Podatki niso na voljo.

#### **9.2. Drugi podatki**

*Drugi fizikalni in kemijski parametri:*

Podatki niso na voljo.

*Oksidacijske lastnosti:*

Podatki niso na voljo.

## **ODDELEK 10: OBSTOJNOST IN REAKTIVNOST**

#### **10.1. Reaktivnost**

Podatki niso na voljo.

#### **10.2. Kemijska stabilnost**

Izdelek je stabilen v pogojih, ki so navedeni v oddelek 7 "Ravnanje in skladiščenje".

#### **10.3. Možnost poteka nevarnih reakcij**

Ni znano.

#### **10.4. Pogoji, ki se jim je treba izogniti**

Ni znano.

#### **10.5. Nezdružljivi materiali**

Močne kisline, močne baze, močni oksidanti in močni reducenti.

#### **10.6. Nevarni produkti razgradnje**

V običajnih pogojih shranjevanja in uporabe ne bi smeli nastajati nevarni produkti razgradnje.

## **ODDELEK 11: TOKSIKOLOŠKI PODATKI**

#### **11.1. Podatki o razredih nevarnosti, kakor so opredeljeni v Uredbi (ES) št. 1272/2008**

##### **Akutna toksičnost**

Izdelek/sestavina	izopropil alkohol
Vrste:	Podgana
Način izpostavljenosti:	Oralno
Test:	LD50

Rezultat: >2000 mg/kg

Izdelek/sestavina izopropil alkohol  
Vrste: Zajec  
Način izpostavljenosti: Dermalno  
Test: LD50  
Rezultat: >2000 mg/kg

Izdelek/sestavina izopropil alkohol  
Vrste: Podgana  
Način izpostavljenosti: Inhalacija  
Test: LC50  
Rezultat: >20

Izdelek/sestavina izopropil alkohol  
Način izpostavljenosti: Oralno  
Test: LD50  
Rezultat: 5849 mg/kg

Izdelek/sestavina izopropil alkohol  
Vrste: Podgana  
Način izpostavljenosti: Oralno  
Test: LD50  
Rezultat: 5840 mg/kg

Izdelek/sestavina izopropil alkohol  
Vrste: Zajec  
Način izpostavljenosti: Dermalno  
Test: LD50  
Rezultat: 12800 mg/kg

Izdelek/sestavina izopropil alkohol  
Način izpostavljenosti: Inhalacija  
Test: LC50  
Rezultat: 301002 mg/L

Izdelek/sestavina 2-fenoksietanol  
Vrste: Podgana  
Način izpostavljenosti: Oralno  
Test: LD50  
Rezultat: 1840 mg/kg

Izdelek/sestavina 2-fenoksietanol  
Vrste: Zajec  
Način izpostavljenosti: Dermalno  
Rezultat: >5000 mg/kg

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

#### Jedkost / draženje kože

Izdelek/sestavina izopropil alkohol  
Testni metoda: OECD 404  
Vrste: Zajec  
Trajanje: 4 hours

Izdelek/sestavina 2-fenoksietanol  
Rezultat: Ugotovljeni škodljivi učinki (Jedko)

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

#### Resna poškodba/draženje oči

Izdelek/sestavina izopropil alkohol

Vrste:	Zajec
Rezultat:	Ugotovljeni škodljivi učinki (Draži)
Izdelek/sestavina	izopropil alkohol
Testni metoda:	OECD 405
Vrste:	Zajec
Rezultat:	Ugotovljeni škodljivi učinki (Povzročča hude poškodbe oči)
Izdelek/sestavina	2-fenoksietanol
Rezultat:	Ugotovljeni škodljivi učinki (Povzročča hude poškodbe oči)

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

#### **Preobčutljivost dihal**

Izdelek/sestavina	izopropil alkohol
Testni metoda:	OECD 406
Vrste:	Morski prašiček
Rezultat:	Škodljivi učinki niso bili ugotovljeni (ne senzibilizira)

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

#### **Preobčutljivost kože**

Izdelek/sestavina	izopropil alkohol
Vrste:	Morski prašiček
Rezultat:	Škodljivi učinki niso bili ugotovljeni (ne senzibilizira)

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

#### **Mutagenost zarodnih celic**

Izdelek/sestavina	izopropil alkohol
Zaključek:	Škodljivi učinki niso bili ugotovljeni

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

#### **Rakotvornost**

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

#### **Razmnoževalna toksičnost**

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

#### **STOT-enkratna izpostavljenost**

Izdelek/sestavina	izopropil alkohol
Način izpostavljenosti:	Oralno

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

#### **STOT-ponavljajoča izpostavljenost**

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

#### **Nevarnost pri vdihavanju**

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

### **11.2. Podatki o drugih nevarnostih**

#### **Dolgoročni učinki**

Ni znano.

#### **Lastnosti endokrinih motilcev**

Ta mešanica/izdelek ne vsebuje nobene snovi, za katero se šteje, da ima lastnosti hormonskega motilca v zvezi z zdravjem

#### **Drugi podatki**

izopropil alkohol: Agencija IARC je snov razvrstila v skupino 3.

## **ODDELEK 12: EKOLOŠKI PODATKI**

### **12.1. Strupenost**

Izdelek/sestavina	izopropil alkohol
Vrste:	Riba, Goudwinde (Leuciscus idus)

Trajanje: 48 ur  
Test: LC50  
Rezultat: >100 mg/L

Izdelek/sestavina izopropil alkohol  
Vrste: Rak, Daphnia magna  
Trajanje: 48 ur  
Test: EC50  
Rezultat: >100 mg/L

Izdelek/sestavina izopropil alkohol  
Vrste: Alge, Scenedesmus subspicatus  
Trajanje: 72 ur  
Test: EC50  
Rezultat: >100 mg/L

Izdelek/sestavina 2-fenoksietanol  
Vrste: Riba  
Trajanje: 96 ur  
Test: LC50  
Rezultat: >100 mg/L

Izdelek/sestavina 2-fenoksietanol  
Vrste: Alge  
Trajanje: 72 ur  
Test: ErC50  
Rezultat: >100 mg/L

Izdelek/sestavina 2-fenoksietanol  
Vrste: Daphnia magna  
Trajanje: 48 ur  
Test: EC50  
Rezultat: >100 mg/L

Izdelek/sestavina 2-fenoksietanol  
Vrste: Riba  
Test: NOEC  
Rezultat: 23 mg/L

Izdelek/sestavina 2-fenoksietanol  
Vrste: Andere waterorganismen  
Trajanje: 30 minutes  
Test: EC50  
Rezultat: >1000 mg/L

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

## 12.2. Obstočnost in razgradljivost

Izdelek/sestavina izopropil alkohol  
Rezultat: 95%  
Zaključek: Hiter biološki razkroj  
Test: OECD 301 E

Izdelek/sestavina 2-fenoksietanol  
Rezultat: >70  
Zaključek: Hiter biološki razkroj  
Test: OECD 301 A

## 12.3. Zmožnost kopičenja v organizmih

Izdelek/sestavina izopropil alkohol  
BCF: <100  
LogKow: <3

Zaključek: -

Izdelek/sestavina 2-fenoksietanol  
BCF: 0.349  
LogKow: 1.2  
Zaključek: -

#### 12.4. Mobilnost v tleh

Podatki niso na voljo.

#### 12.5. Rezultati ocene PBT in vPvB

Mešanica/izdelek ne vsebuje nobenih snovi, ki izpolnjujejo merila za razvrstitev kot PBT in/ali vPvB.

#### 12.6. Lastnosti endokrinih motilcev

Ta mešanica/izdelek ne vsebuje nobene snovi, za katero se šteje, da ima lastnosti endokrinega motilca v zvezi z okoljem.

#### 12.7. Drugi škodljivi učinki

Ni znano.

## ODDELEK 13: ODSTRANJEVANJE

#### 13.1. Metode ravnanja z odpadki

Ta izdelek ni zajet v predpisih o nevarnih odpadkih.  
Uredba (EU) št. 1357/2014 z dne 18. decembra 2014 o odpadkih.

*EWC koda:*  
20 01 30 čistila, ki niso zajeta v 20 01 29

#### Kontaminirana embalaža

Embalažo, ki vsebuje ostanke iz izdelka, je treba odstraniti na enak način, kot izdelek.

## ODDELEK 14: PODATKI O PREVOZU

	14.1 ZN	14.2 Pravilno odpremno ime ZN	14.3 Razredi nevarnosti prevoza	14.4 PG*	14.5 Env**	Druge informacije:
ADR	1950	AEROSOLS	Razred: 2 Nalepke nevarnosti: 2.2 Razvrstitveni kod: 5A	-	Ne	Omejene količine: 1 L Kod omejitve za predore: 3 (E) Za dodatne informacije glejte spodaj.
IMDG	1950	AEROSOLS	Razred: 2 Nalepke nevarnosti: 2.2 Razvrstitveni kod: 5A	-	Ne	Omejene količine: 1 L EmS: F-D S-U Za dodatne informacije glejte spodaj.
IATA	1950	AEROSOLS	Razred: 2 Nalepke nevarnosti: 2.2 Razvrstitveni kod: 5A	-	Ne	Za dodatne informacije glejte spodaj.

\* Skupina embalaže

\*\* Nevarnosti za okolje

### Dodatne informacije

Ta izdelek je zajet v konvencijah o nevarnem blagu.

ADR / Glejte preglednico A, oddelek 3.2.1 za vse informacije o posebnih določbah, zahtevah ali opozorilih v zvezi s transportom. Glejte odeelek 5.4.3 za pisna navodila glede omejitve škode v zvezi z incidenti ali nesrečami med transportom.

IMDG / Glejte oddelek 3.2.1 za vse informacije o posebnih določbah, zahtevah ali opozorilih v zvezi s transportom.

IATA / Glejte preglednico 4.2 za vse informacije o posebnih določbah, zahtevah ali opozorilih v zvezi s transportom.

### 14.6. Posebni previdnostni ukrepi za uporabnika

Se ne uporablja.

### 14.7. Pomorski prevoz v razsutem stanju v skladu z instrumenti IMO

Podatki niso na voljo.

## ODDELEK 15: ZAKONSKO PREDPISANI PODATKI

### 15.1. Predpisi/zakonodaja o zdravju, varnosti in okolju, specifični za snov ali zmes

*Omejitve za uporabo:*

Samo za poklicne uporabnike.

*Zahteve za posebno izobraževanje:*

Ni posebnih zahtev.

*SEVESO - Kategorije nevarnih snovi / Imenovane nevarne snovi:*

Se ne uporablja.

*REACH, Priloga XVII:*

izopropil alkohol. Za kemično snov veljajo omejitve iz uredbe REACH (Vnos št. 40).

etanol;etil alkohol. Za kemično snov veljajo omejitve iz uredbe REACH (Vnos št. 40).

*Označevanje vsebine v skladu z Uredbo o detergentih 648/2004:*

< 5%

- Anionske površinsko aktivne snovi
- Neionske površinsko aktivne snovi
- Parfumi
- Konzervansu (PHENOXYETHANOL)

*Dodatne informacije:*

Se ne uporablja.

*Viri:*

Zakon o delovnih razmerjih (ZDR-1) ‡ z dne 5. marca 2013.

Uredba (ES) št. 648/2004 Evropskega parlamenta in Sveta z dne 31. marca 2004 o detergentih.

Uredba (EU) št. 1357/2014 z dne 18. decembra 2014 o odpadkih.

Uredba (ES) št. 1272/2008 Evropskega parlamenta in Sveta z dne 16. decembra 2008 o razvrščanju, označevanju in pakiranju snovi ter zmesi (CLP).

Uredba (ES) št. 1907/2006 Evropskega Parlamenta in Sveta z dne 18. decembra 2006 o registraciji, evalvaciji, avtorizaciji in omejevanju kemikalij (REACH).

### 15.2. Ocena kemijske varnosti

Ne

## ODDELEK 16: DRUGI PODATKI

### Celotno besedilo o H-stavkih, kot je omenjeno v oddelek 3

H225, Lahko vnetljiva tekočina in hlapi.

H302, Zdravju škodljivo pri zaužitju.

H318, Povzroča hude poškodbe oči.

H319, Povzroča hudo draženje oči.

H335, Lahko povzroči draženje dihalnih poti.

H336, Lahko povzroči zaspanost ali omotico.

### Okrajšave in akronimi

ADN = Evropski sporazum o mednarodnem prevozu nevarnih snovi po celinskih vodah/po Renu  
ADR = Evropski sporazum o mednarodnem cestnem prevozu nevarnega blaga  
ATE = ocena akutne strupenosti  
BCF = biokoncentracijski faktor  
CAS = Služba za izmenjavo kemijskih izvlečkov  
CE = Evropska skladnost  
CLP = Uredba (ES) št. 1272/2008 o razvrščanju, označevanju in pakiranju snovi ter zmesi  
CSA = Ocena kemijske varnosti  
CSR = Poročilo o kemijski varnosti  
DNEL = Izpeljana raven brez učinka  
EINECS = Evropski seznam kemičnih snovi, ki so na trgu  
ES = Scenarij izpostavljenosti  
EUH = CLP - specifičen stavek nevarnosti  
EuPCS = Evropski sistem kategorizacije proizvodov  
EWC = Evropski katalog odpadkov  
GHS = Globalno usklajen sistem Združenih narodov za razvrščanje in označevanje kemikalij  
GWP = Potencial globalnega segrevanje  
HOS = Hlapna organska snov  
IATA = Mednarodno združenje letalskih prevoznikov  
IMDG = Mednarodni kodeks o prevozu nevarnega blaga po morju  
LogPow = logaritem porazdelitvenega koeficienta oktanol/voda  
MARPOL = Mednarodna konvencija o preprečevanju onesnaževanja morja z ladj, 1973, in njen Protokol iz leta 1978  
MV = časovna povprečna  
OECD = Organizacija za gospodarsko sodelovanje in razvoj  
PBT = Obstojen, bioakumulativen in strupen  
PNEC = predvidena koncentracija brez učinka  
RID = Pravilnik o mednarodnem železniškem prevozu nevarnega blaga  
RRN = Registracijska številka REACH  
SCL = Posebne mejne koncentracije.  
SVHC = snov, ki vzbuja veliko zaskrbljenost  
STOT-RE = Specifična strupenost za ciljne organe - ponavljajoča se izpostavljenost  
STOT-SE = Specifična strupenost za ciljne organe - enkratna izpostavljenost  
UVCB = Pomeni snovi z neznano ali spremenljivo sestavo, kompleksne reakcijske produkte ali biološke materiale.  
vPvB = zelo obstojen in zelo bioakumulativen  
ZN = Združeni narodi

#### **Dodatne informacije**

Se ne uporablja.

#### **Varnostnega lista je ovrednotil**

Quality & Compliance

#### **Drugo**

Sprememba (v razmerju do zadnje bistvene spremembe (prva številka v različici SDS)) je označena z trikotnikom.  
Podatki v tem varnostnega lista, veljajo samo za ta poseben izdelek (navedeno v oddelek 1) in niso nujno primerni za uporabo z drugimi kemikalijami/izdelki.  
Priporočljivo je, da se izroči ta varnostnega lista dejanskemu uporabniku izdelka. Podatki v tem varnostnem listu se ne morejo uporabljati kot specifikacija izdelka.  
Država-jezik: SI-sl

## KARTA BEZPEČNOSTNÝCH ÚDAJOV

# i.26 kitchen polish (Alu-Air)

## ODDIEL 1: IDENTIFIKÁCIA LÁTKY/ZMESI A SPOLOČNOSTI/PODNIKU

### 1.1. Identifikátor produktu

*Názov produktu:*

i.26 kitchen polish (Alu-Air)

*Jedinečný identifikátor vzorca (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Relevantné identifikované použitia látky alebo zmesi a použitia, ktoré sa neodporúčajú

*Relevantné identifikované použitia látky alebo zmesi:*

Čistiace a čistiacie prostriedky (vrátane tých na báze rozpúšťadiel)  
Len na odborné použitie.

*Neodporúčané spôsoby použitia:*

Žiadne známe.

### 1.3. Údaje o dodávateľovi karty bezpečnostných údajov

*Spoločnosť a adresa:*

**Hygeniq B.V.**  
Lenteweg 15  
7532 RV Enschede  
Nederland  
0534282860

*E-mail:*

info@hygeniq.com

*Revízia:*

26. 5. 2025

*Verzia KBÚ:*

1.0

### 1.4. Núdzové telefónne číslo

Použite vaše štátne +421 2 5477 4166 alebo miestne tiesňové číslo.  
Pozri oddiel 4 "Opatrenia prvej pomoci".

## ODDIEL 2: IDENTIFIKÁCIA NEBEZPEČNOSTI

Klasifikovaný podľa nariadenia (ES) č. 1272/2008 (CLP).

### 2.1. Klasifikácia látky alebo zmesi

Aerosol 3; H229, Nádoba je pod tlakom: Pri zahriatí sa môže roztrhnúť.

### 2.2. Prvky označovania

*Výstražný/-é piktogram/-y:*

Nerelevantné.

*Výstražné slová:*

Pozor

*Výstražné upozornenie/-a:*

Nádoba je pod tlakom: Pri zahriatí sa môže roztrhnúť. (H229)

**Bezpečnostné upozornenia:**

**Všeobecné:**

-

**Prevenčia:**

Uchovávajúte mimo dosahu tepla, horúcich povrchov, iskier, otvoreného ohňa a iných zdrojov zapálenia.

Nefajčite. (P210)

Neprepichujte alebo nespáľujte ju, a to ani po spotrebovaní obsahu. (P251)

**Odozva:**

-

**Uchovávanie:**

Chráňte pred slnečným žiarením. Nevystavujte teplotám nad 50 °C/122 °F. (P410+P412)

**Zneškodňovanie:**

-

**Identifikácia látok primárne zodpovedných za hlavné zdravotné riziká:**

Neobsahuje žiadne látky, ktoré ste povinný nahlásiť

**Ďalšie označovanie (etiketácia):**

UFI: 8YFR-ND5E-MUMG-2XW1

**Označovanie obsahu podľa nariadenia o detergentoch 648/2004:**

< 5%

- Aniónové povrchovo aktívne látky
- Neionogénne povrchovo aktívne látky
- Parfumy
- Konzervačnej (PHENOXYETHANOL)

**2.3. Iná nebezpečnosť**

**Ďalšie upozornenia:**

Táto zmes/tento výrobok neobsahuje žiadne látky považované za také, ktoré by spĺňali kritériá na ich klasifikáciu ako PBT a/alebo vPvB.

Tento výrobok neobsahuje žiadne látky považované za endokrinné disruptory v súlade s kritériami stanovenými v delegovanom nariadení Komisie (EÚ) 2017/2100 alebo v nariadení Komisie (EÚ) 2023/707.

**ODDIEL 3: ZLOŽENIE/INFORMÁCIE O ZLOŽKÁCH**

**3.1. Látky**

Nerelevantné. Tento výrobok je zmes.

**3.2. Zmesi**

Výrobok/prísada	Identifikácia	% w/w	Klasifikácia	Názov komponentu
izopropylalkohol	Č. CAS: 67-63-0 Č. EC: 200-661-7 REACH: Indexové č.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
etanol;etylalkohol	Č. CAS: 64-17-5 Č. EC: 200-578-6 REACH: Indexové č.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoxyetanol	Č. CAS: 122-99-6 Č. EC: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg)	

	REACH: 01-2119488943-21 Indexové č.: 603-098-00-9		Eye Dam. 1, H318 STOT SE 3, H335	
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Pozri plné znenie H-viet v oddiele 16. Limity v pracovnom prostredí sú uvedené v oddiele 8, ak sú k dispozícii.

## Ďalšie informácie

-

## ODDIEL 4: OPATRENIA PRVEJ POMOCI

### 4.1. Opis opatrení prvej pomoci

#### *Všeobecné informácie:*

V prípade nehody: Vyhľadajte lekára alebo pohotovostnú službu - vezmite si so sebou etiketu alebo tento bezpečnostný list.

Kontaktujte lekára, ak máte pochybnosti o stave postihnutej osoby alebo ak príznaky pretrvávajú. Nikdy nedávajte osobe v bezvedomí vodu ani iné tekutiny.

#### *Vdýchnutie:*

Pri dýchacích ťažkostiach alebo podráždení dýchacích ciest: Premiestnite postihnutého na čerstvý vzduch a zostaňte pri ňom.

#### *Styk s pokožkou:*

Ihneď sa zbavte kontaminovaného odevu a obuvi. Miesta pokožky, ktoré sa dostali do styku s materiálom, umyte dôkladne vodou a mydlom. Môžete použiť pletový čistiaci prípravok. NEPOUŽÍVAJTE rozpúšťadlá ani riedidlá.

#### *Zasiahnutie očí:*

Po zasiahnutí očí: Oči vyplachujte vodou (20 - 30 °C) minimálne po dobu 5 minút. Vyberte kontaktné šošovky. Zavolajte lekára.

#### *Požitie:*

Ak je postihnutý pri vedomí, vypláchnite mu ústa vodou a zostaňte pri ňom. Ak sa postihnutý necíti dobre, vyhľadajte ihneď lekára. Vezmite so sebou aj tento bezpečnostný list alebo etiketu produktu. Nevyvolávajte zvracanie, pokiaľ vám to neodporučí lekár. Držte hlavu smerom k zemi tak, aby žiadne zvratky nezostali vo vašich ústach alebo hrdle.

#### *Popáleniny:*

Nerelevantné.

### 4.2. Najdôležitejšie príznaky a účinky, akútne aj oneskorené

Žiadne známe.

### 4.3. Údaj o akejkoľvek potrebe okamžitej lekárskej starostlivosti a osobitného ošetrovania

Ošetrujte na základe symptómov.

### Informácie pre zdravotníkov

Vezmite so sebou tento karty bezpečnostných údajov alebo etiketu materiálu.

## ODDIEL 5: PROTIPOŽIARNE OPATRENIA

### 5.1. Hasiace prostriedky

Nerelevantné.

### 5.2. Osobitné ohrozenia vyplývajúce z látky alebo zo zmesi

Nádoba je pod tlakom. Pri požiari alebo zahriatí dôjde k zvýšeniu tlaku a nádoba môže prasknúť.

V dôsledku požiaru vznikne hustý dym. Kontakt s katabolickými produktmi môže viesť k poškodeniu vášho zdravia.

Uzavreté nádoby, ktoré sú vystavené požiaru, sa musia ochladiť vodou. Nedovoľte, aby hasiaca voda prenikla do kanalizácie a iných vodných tokov.

Ak je produkt vystavený vysokým teplotám, ako napr. v prípade požiaru, vznikajú nebezpečné katabolické látky. Ide o:

Oxidy uhlíka (CO / CO<sub>2</sub>)

Niektoré oxidy kovov

### 5.3. Pokyny pre požiarnikov

Používajte dýchací prístroj a ochranný odev, aby ste zabránili kontaktu.

## ODDIEL 6: OPATRENIA PRI NÁHODNOM UVOLNENÍ

### 6.1. Osobné bezpečnostné opatrenia, ochranné vybavenie a núdzové postupy

Zabezpečte primerané vetranie, hlavne v obmedzených priestoroch.  
Kontaminované plochy môžu byť klzké.

### 6.2. Bezpečnostné opatrenia pre životné prostredie

Zabráňte vypúšťaniu do jazier, potokov, kanalizácií, atď.  
Zabráňte prístupu nepovolovaných osôb k úniku.

### 6.3. Metódy a materiál na zabránenie šíreniu a vyčistenie

Uniknutý materiál zachyťte a pozbierajte pomocou nehorľavého absorpčného materiálu, napr. piesku, zeminy, vermikulitu alebo kremeliny, a umiestnite do nádoby na likvidáciu v súlade s miestnymi predpismi.  
Podľa možnosti čistenie vykonajte za použitia bežných čistiacich prostriedkov. Nepoužívajte rozpúšťadlá.

### 6.4. Odkaz na iné oddiely

Pozri oddiel 13 "Opatrenia pri zneškodňovaní" o nakladaní s odpadmi.  
Pozri oddiel 8 "Kontroly expozície/osobná ochrana" o ochranných opatreniach.

## ODDIEL 7: ZAOBCHÁDZANIE A SKLADOVANIE

### 7.1. Bezpečnostné opatrenia na bezpečné zaobchádzanie

Neprepichujte alebo nespáľujte ju, a to ani po spotrebovaní obsahu.  
Fajčenie, konzumácia potravín alebo tekutín a skladovanie tabaku, potravín alebo tekutín sú v pracovnej miestnosti zakázané.  
Pozri oddiel "Kontroly expozície/osobná ochrana" o informáciách o osobnej ochrane.

### 7.2. Podmienky bezpečného skladovania vrátane akejkoľvek nekompatibility

Skladujte v tesne uzavretých nádobách a chráňte pred vlhkosťou a svetlom. Pri otvorení a pravidelnom testovaní na prítomnosť peroxidu by sa mal uviesť dátum. Neprekračujte časové limity skladovania.  
Obaly, ktoré boli otvorené, starostlivo utesnite a uchovajte vo zvislej polohe, aby ste zabránili úniku.

#### *Kompatibilita obalov:*

Uchovávajú iba v pôvodnom balení.

#### *Podmienky skladovania:*

Suché, chladné a dostatočne vetrané

#### *Nekompatibilné materiály:*

Silné kyseliny, silné zásady, silné oxidačné činidlá a silné katabolické činidlá.

### 7.3. Špecifické konečné použitie, resp. použitia

Tento produkt sa môže používať len v prípadoch popísaných v oddiel 1.2.

## ODDIEL 8: KONTROLY EXPOZÍCIE/OSOBNÁ OCHRANA

### 8.1. Kontrolné parametre

Aluminium oxide

Najvyššie prípustné expozičné limity (priemerný) (mg/m<sup>3</sup>): 1,5(resp.) / 4(inhalo.)

izopropylalkohol

Najvyššie prípustné expozičné limity (priemerný) (mg/m<sup>3</sup>): 500

Najvyššie prípustné expozičné limity (priemerný) (ppm): 200

Najvyššie prípustné expozičné limity (krátkodobý) (mg/m<sup>3</sup>): 1000

Najvyššie prípustné expozičné limity (krátkodobý) (ppm): 400

etanol;etylalkohol

Najvyššie prípustné expozičné limity (priemerný) (mg/m<sup>3</sup>): 960

Najvyššie prípustné expozičné limity (priemerný) (ppm): 500  
 Najvyššie prípustné expozičné limity (krátkodobý) (mg/m<sup>3</sup>): 1920  
 Najvyššie prípustné expozičné limity (krátkodobý) (ppm): 1000

NARIADENIE VLÁDY Slovenskej republiky z 10. mája 2006 o ochrane zamestnancov pred rizikami súvisiacimi s expozíciou chemickým faktorom pri práci. 355/2006 Z.z. (Zmena: 122/2024 Z.z.)

## DNEL

### 2-fenoxyetanol

Doba:	Priebeh vystavenia:	DNEL:
Dlhodobo – systémové účinky	Dermálne	10,42 mg/kg
Dlhodobo – systémové účinky - zamestnanci	Dermálne	34,72 mg/kg bw/day
Dlhodobo – systémové účinky - všeobecná populácia	Dermálne	20,83 mg/kg
Dlhodobo	Orálne	9,23 mg/kg
Dlhodobo – lokálne účinky - pracovníci	Vdýchnutie	5,7 mg/m <sup>3</sup>
Dlhodobo – systémové účinky	Vdýchnutie	2,41 mg/m <sup>3</sup>
Dlhodobo – systémové účinky - zamestnanci	Vdýchnutie	5,7 mg/m <sup>3</sup>
Dlhodobo – systémové účinky - zamestnanci	Vdýchnutie	8,07 mg/m <sup>3</sup>

### etanol;etylalkohol

Doba:	Priebeh vystavenia:	DNEL:
Dlhodobo – systémové účinky - zamestnanci	Dermálne	343 mg/kg bw/day
Dlhodobo – systémové účinky - všeobecná populácia	Dermálne	206 mg/kg bw/day
Dlhodobo – systémové účinky - všeobecná populácia	Orálne	87 mg/kg bw/day
Dlhodobo – systémové účinky - zamestnanci	Vdýchnutie	380 mg/m <sup>3</sup>
Dlhodobo – systémové účinky - všeobecná populácia	Vdýchnutie	114 mg/m <sup>3</sup>
Krátkodobo – lokálne účinky - pracovníci	Vdýchnutie	1900 mg/m <sup>3</sup>
Krátkodobo – lokálne účinky - všeobecná populácia	Vdýchnutie	950 mg/m <sup>3</sup>

### izopropylalkohol

Doba:	Priebeh vystavenia:	DNEL:
Dlhodobo – systémové účinky - zamestnanci	Dermálne	888 mg/m <sup>3</sup>
Dlhodobo – systémové účinky - všeobecná populácia	Dermálne	319 mg/kg
Dlhodobo – systémové účinky - všeobecná populácia	Orálne	26 mg/kg
Dlhodobo – systémové účinky - zamestnanci	Vdýchnutie	500 mg/m <sup>3</sup>
Dlhodobo – systémové účinky - všeobecná populácia	Vdýchnutie	89 mg/m <sup>3</sup>
Dlhodobo – systémové účinky - všeobecná populácia	Vdýchnutie	89 mg/m <sup>3</sup>

## PNEC

### 2-fenoxyetanol

Priebeh vystavenia:	Trvanie expozície:	PNEC:
Čistiareň splaškov		24,8 mg/L
Čistiareň splaškov	Jednorazové	36 mg/L
Morská voda		0,0943 mg/L
Pôda		1,26 mg/kg
Sladká voda		0,943 mg/L
Sladkovodná usadenina		7,2366 mg/kg
Usadenina v morskej vode		0,7237 mg/kg

etanol;etylalkohol

Priebeh vystavenia:	Trvanie expozície:	PNEC:
Čistiareň splaškov		580 mg/L
Morská voda		790 µg/L
Občasné uvoľňovanie (sladká voda)		2.75 mg/L
Pôda		630 µg/kg
Predátori		380-720 mg/kg
Sladká voda		960 µg/L
Sladkovodná usadenina		3.6 mg/kg
Usadenina v morskej vode		2.9 mg/kg

izopropylalkohol

Priebeh vystavenia:	Trvanie expozície:	PNEC:
Čistiareň splaškov		2251 mg/L
Morská voda		140,9 mg/L
Občasné uvoľňovanie		140,9 mg/L
Pôda		28 mg/kg
Sladká voda		140,9 mg/L
Sladkovodná usadenina		552 mg/kg
Usadenina v morskej vode		552 mg/kg

## 8.2. Kontroly expozície

Zhoda s uvedenými hodnotami expozičných limitov by sa mala pravidelne kontrolovať.

*Všeobecné odporúčania:*

Fajčenie, konzumácia potravín alebo tekutín a skladovanie tabaku, potravín alebo tekutín sú v pracovnej miestnosti zakázané.

*Scenáre vystavenia:*

Pre tento produkt neboli implementované žiadne expozičné scenáre.

*Expozičné limity:*

Pre obchodníkov platia právne predpisy týkajúce sa pracovného prostredia o maximálnych koncentráciách pri vystavení. Pozrite si vyššie uvedené prahové hodnoty pracovnej hygieny.

*Vhodné technické opatrenia:*

Tvorba pár sa musí udržiavať na minimálnej úrovni a pod aktuálnymi limitnými hodnotami (pozri vyššie). Ak normálne prúdenie vzduchu v pracovnej miestnosti nie je dostatočné, odporúča sa inštalácia lokálneho odsávacieho systému. Zabezpečte, aby boli núdzové fontánky na umývanie očí a sprchy jasne označené. Počas používania výrobku dodržiavajte štandardné bezpečnostné opatrenia. Zabráňte vdýchnutiu pár.

*Hygienické opatrenia:*

Kedykoľvek si urobíte počas používania produktu prestávku, resp. ak ste ho prestali používať, musíte si umyť všetky vystavené časti tela. Osobitnú pozornosť venujte rukám, predlaktiam a tvári.

*Opatrenia na zamedzenie vystavenia životného prostredia:*

Žiadne špecifické požiadavky

## Individuálne ochranné opatrenia, akými sú napr. osobné ochranné prostriedky

*Všeobecne:*

Používajte len ochranné vybavenie označené značkou CE.

*Dýchacie zariadenia:*

Typ	Trieda	Farba	Normy
Žiadne špeciálne požiadavky, ak sa používa podľa určenia.			

**Ochrana kože:**

Odporúčané	Typ/Kategórie	Normy	
Žiadne špeciálne požiadavky, ak sa používa podľa určenia	-	-	

**Ochrana rúk:**

Pracovné pomery	Materiál	Hrúbka (mm)	Doba prieniku (min.)	Normy	
	Žiadne špeciálne požiadavky, ak sa používa podľa určenia	-	-	-	
V prípade dlhej expozície alebo vysokých koncentrácií	Bavlny / Nitrilový kaučuk	-	> 240	EN374-2, EN16523-1, EN388	

**Ochrana očí:**

Odporúčané	Normy	
Žiadne špeciálne požiadavky, ak sa používa podľa určenia.	-	

## ODDIEL 9: FYZIKÁLNE A CHEMICKÉ VLASTNOSTI

### 9.1. Informácie o základných fyzikálnych a chemických vlastnostiach

**Forma:**

Kvapalina

**Farba:**

Biela

**Zápach / Prahová hodnota zápachu (ppm):**

Parfumový

**pH:**

ca. 9

**Hustota (g/cm<sup>3</sup>):**

1,06 (20 °C)

**Kinematická viskozita:**

K dispozícii nie sú žiadne údaje.

**Dynamická viskozita:**

ca 1000 mPa.s (20 °C)

**Vlastnosti častíc:**

Neuplatňuje sa na kvapaliny.

### Fázové zmeny

**Teplota topenia/tuhnutia (°C):**

K dispozícii nie sú žiadne údaje.

**Teplota/rozmedzie mäknutia (°C):**

Neuplatňuje sa na kvapaliny.

**Bod varu (°C):**

K dispozícii nie sú žiadne údaje.

**Tlak pary:**

K dispozícii nie sú žiadne údaje.

*Relatívna hustota pár:*

K dispozícii nie sú žiadne údaje.

*Teplota rozkladu (°C):*

K dispozícii nie sú žiadne údaje.

#### **Údaje o nebezpečenstve požiaru a výbuchu**

*Bod vzplanutia (°C):*

K dispozícii nie sú žiadne údaje.

*Horľavosť (°C):*

K dispozícii nie sú žiadne údaje.

*Teplota samovznietenia (°C):*

K dispozícii nie sú žiadne údaje.

*Medze výbušnosti (% v/v):*

K dispozícii nie sú žiadne údaje.

#### **Rozpustnosť**

*Rozpustnosť vo vode:*

K dispozícii nie sú žiadne údaje.

*Rozdeľovací koeficient (n-oktanol/voda) (LogKow):*

K dispozícii nie sú žiadne údaje.

*Rozpustnosť v tuku (g/L):*

K dispozícii nie sú žiadne údaje.

#### **9.2. Iné informácie**

*D'alšie fyzikálne a chemické parametre:*

K dispozícii nie sú žiadne údaje.

*Oxidačné vlastnosti:*

K dispozícii nie sú žiadne údaje.

## **ODDIEL 10: STABILITA A REAKTIVITA**

#### **10.1. Reaktivita**

K dispozícii nie sú žiadne údaje.

#### **10.2. Chemická stabilita**

Produkt je stabilný za podmienok uvedených v oddieli "Zaobchádzanie a skladovanie".

#### **10.3. Možnosť nebezpečných reakcií**

Žiadne známe.

#### **10.4. Podmienky, ktorým sa treba vyhnúť**

Žiadne známe.

#### **10.5. Nekompatibilné materiály**

Silné kyseliny, silné zásady, silné oxidačné činidlá a silné katabolické činidlá.

#### **10.6. Nebezpečné produkty rozkladu**

Za normálnych podmienok skladovania a používania by nemali vznikajú nebezpečné produkty rozkladu.

## **ODDIEL 11: TOXIKOLOGICKÉ INFORMÁCIE**

#### **11.1. Informácie o triedach nebezpečnosti vymedzených v nariadení (ES) č. 1272/2008**

##### **Akútna toxicita**

Výrobok/prísada	Aluminium oxide
Testované živočíchy:	Potkan
Priebeh vystavenia:	Vdýchnutie
Skúška:	LC50
Výsledok:	> 5 mg/L

Výrobok/prísada: Aluminium oxide  
 Testované živočíchy: Potkan  
 Priebeh vystavenia: Orálne  
 Výsledok: > 5000 mg/kg

Výrobok/prísada: izopropylalkohol  
 Testované živočíchy: Potkan  
 Priebeh vystavenia: Orálne  
 Skúška: LD50  
 Výsledok: >2000 mg/kg

Výrobok/prísada: izopropylalkohol  
 Testované živočíchy: Králik  
 Priebeh vystavenia: Dermálne  
 Skúška: LD50  
 Výsledok: >2000 mg/kg

Výrobok/prísada: izopropylalkohol  
 Testované živočíchy: Potkan  
 Priebeh vystavenia: Vdýchnutie  
 Skúška: LC50  
 Výsledok: >20

Výrobok/prísada: izopropylalkohol  
 Priebeh vystavenia: Orálne  
 Skúška: LD50  
 Výsledok: 5849 mg/kg

Výrobok/prísada: izopropylalkohol  
 Testované živočíchy: Potkan  
 Priebeh vystavenia: Orálne  
 Skúška: LD50  
 Výsledok: 5840 mg/kg

Výrobok/prísada: izopropylalkohol  
 Testované živočíchy: Králik  
 Priebeh vystavenia: Dermálne  
 Skúška: LD50  
 Výsledok: 12800 mg/kg

Výrobok/prísada: izopropylalkohol  
 Priebeh vystavenia: Vdýchnutie  
 Skúška: LC50  
 Výsledok: 301002 mg/L

Výrobok/prísada: 2-fenoxyetanol  
 Testované živočíchy: Potkan  
 Priebeh vystavenia: Orálne  
 Skúška: LD50  
 Výsledok: 1840 mg/kg

Výrobok/prísada: 2-fenoxyetanol  
 Testované živočíchy: Králik  
 Priebeh vystavenia: Dermálne  
 Výsledok: >5000 mg/kg

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

#### **Poleptanie/podráždenie kože**

Výrobok/prísada: izopropylalkohol  
 Testovacia metóda: OECD 404

Testované živočíchy: Králik  
Doba: 4 hours

Výrobok/prísada 2-fenoxyetanol  
Výsledok: Pozorované nepriaznivé účinky (Žieravý)

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

#### **Vážne poškodenie/podráždenie očí**

Výrobok/prísada Aluminium oxide

Výrobok/prísada izopropylalkohol  
Testované živočíchy: Králik  
Výsledok: Pozorované nepriaznivé účinky (Dráždivý)

Výrobok/prísada izopropylalkohol  
Testovacia metóda: OECD 405  
Testované živočíchy: Králik  
Výsledok: Pozorované nepriaznivé účinky (Spôsobuje vážne poškodenie očí)

Výrobok/prísada 2-fenoxyetanol  
Výsledok: Pozorované nepriaznivé účinky (Spôsobuje vážne poškodenie očí)

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

#### **Respiračná senzibilizácia**

Výrobok/prísada izopropylalkohol  
Testovacia metóda: OECD 406  
Testované živočíchy: Morča  
Výsledok: Nepozorované žiadne nepriaznivé účinky (nesenzibilizujúci)

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

#### **Kožná senzibilizácia**

Výrobok/prísada izopropylalkohol  
Testované živočíchy: Morča  
Výsledok: Nepozorované žiadne nepriaznivé účinky (nesenzibilizujúci)

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

#### **Mutagenita zárodočných buniek**

Výrobok/prísada izopropylalkohol  
Záver: Nepozorované žiadne nepriaznivé účinky

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

#### **Karcinogenita**

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

#### **Reprodukčná toxicita**

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

#### **TSCO (Toxicita pre špecifický cieľový orgán) - jednorazové vystavenie**

Výrobok/prísada izopropylalkohol  
Priebeh vystavenia: Orálne

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

#### **TSCO (Toxicita pre špecifický cieľový orgán) - opakované vystavenie**

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

#### **Nebezpečenstvo pri vdýchnutí**

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

#### **11.2. Informácie o inej nebezpečnosti**

##### **Dlhodobé účinky**

Žiadne známe.

##### **Vlastnosti endokrinných disruptorov (rozvracačov)**

Táto zmes/výrobok neobsahuje žiadne látky, ktoré sa považujú za látky narušajúce hormonálny systém vo vzťahu k zdraviu.

### Iné informácie

izopropylalkohol: Látka bola klasifikovaná podľa IARC ako skupina 3.

## ODDIEL 12: EKOLOGICKÉ INFORMÁCIE

### 12.1. Toxicita

Výrobok/prísada	izopropylalkohol
Testované živočíchy:	Ryby, Goudwinde ( <i>Leuciscus idus</i> )
Doba:	48 hodín
Skúška:	LC50
Výsledok:	>100 mg/L

Výrobok/prísada	izopropylalkohol
Testované živočíchy:	Kôrovce, <i>Daphnia magna</i>
Doba:	48 hodín
Skúška:	EC50
Výsledok:	>100 mg/L

Výrobok/prísada	izopropylalkohol
Testované živočíchy:	Riasy, <i>Scenedesmus subspicatus</i>
Doba:	72 hodín
Skúška:	EC50
Výsledok:	>100 mg/L

Výrobok/prísada	2-fenoxyetanol
Testované živočíchy:	Ryby
Doba:	96 hodín
Skúška:	LC50
Výsledok:	>100 mg/L

Výrobok/prísada	2-fenoxyetanol
Testované živočíchy:	Riasy
Doba:	72 hodín
Skúška:	ErC50
Výsledok:	>100 mg/L

Výrobok/prísada	2-fenoxyetanol
Testované živočíchy:	<i>Daphnia magna</i>
Doba:	48 hodín
Skúška:	EC50
Výsledok:	>100 mg/L

Výrobok/prísada	2-fenoxyetanol
Testované živočíchy:	Ryby
Skúška:	NOEC
Výsledok:	23 mg/L

Výrobok/prísada	2-fenoxyetanol
Testované živočíchy:	Andere waterorganismen
Doba:	30 minutes
Skúška:	EC50
Výsledok:	>1000 mg/L

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

### 12.2. Perzistencia a degradovateľnosť

Výrobok/prísada	izopropylalkohol
Výsledok:	95%

Záver: Lahká biodegradovateľnosť  
Skúška: OECD 301 E

Výrobok/prísada: 2-fenoxyetanol  
Výsledok: >70  
Záver: Lahká biodegradovateľnosť  
Skúška: OECD 301 A

### 12.3. Bioakumulačný potenciál

Výrobok/prísada: izopropylalkohol  
BCF: <100  
LogKow: <3  
Záver: -

Výrobok/prísada: 2-fenoxyetanol  
BCF: 0.349  
LogKow: 1.2  
Záver: -

### 12.4. Mobilita v pôde

K dispozícii nie sú žiadne údaje.

### 12.5. Výsledky posúdenia PBT a vPvB

Táto zmes/tento výrobok neobsahuje žiadne látky považované za také, ktoré by spĺňali kritériá na ich klasifikáciu ako PBT a/alebo vPvB.

### 12.6. Vlastnosti endokrinných disruptorov (rozvracačov)

Táto zmes/výrobok neobsahuje žiadne látky, ktoré sa považujú za látky narúšajúce endokrinný systém vo vzťahu k životnému prostrediu.

### 12.7. Iné nepriaznivé účinky

Žiadne známe.

## ODDIEL 13: OPATRENIA PRI ZNEŠKODŇOVANÍ

### 13.1. Metódy spracovania odpadu

Na tento produkt sa nevzťahujú predpisy o nebezpečných odpadoch.  
Nariadenie Komisie (EÚ) č. 1357/2014 z 18. decembra 2014 o odpade.

Kód EWC:

20 01 30 Iné detergenty než uvedené v 20 01 29

### Balenie kontaminovaného materiálu

Balenie, ktoré obsahuje zvyšky produktu, sa musí zlikvidovať rovnakým spôsobom ako produkt.

## ODDIEL 14: INFORMÁCIE O DOPRAVE

	14.1 OSN	14.2 Správne expedičné označenie OSN	14.3 Trieda, resp. triedy nebezpečnosti pre dopravu	14.4 PG*	14.5. Env**	Ďalšie informácie:
ADR	1950	AEROSOLS	Trieda: 2 Bezpečnostné značky: 2.2 Klasifikačný kód: 5A	-	Nie	Obmedzené množstvá: 1 L Dopravná kategória: 3 (E) Ďalšie informácie nájdete

	14.1 OSN	14.2 Správne expedičné označenie OSN	14.3 Trieda, resp. triedy nebezpečnosti pre dopravu	14.4 PG*	14.5. Env**	Ďalšie informácie:
						nižšie.
IMDG	1950	AEROSOLS	Trieda: 2 Bezpečnostné značky: 2.2 Klasifikačný kód: 5A	-	Nie	Obmedzené množstvá: 1 L EmS: F-D S-U Ďalšie informácie nájdete nižšie.
IATA	1950	AEROSOLS	Trieda: 2 Bezpečnostné značky: 2.2 Klasifikačný kód: 5A	-	Nie	Ďalšie informácie nájdete nižšie.

\* Obalová skupina

\*\* Nebezpečnosť pre životné prostredie

#### Ďalšie informácie

Na tento produkt sa vzťahujú dohovory o nebezpečnom tovare.

ADR / Všetky informácie o osobitných ustanoveniach, požiadavkách alebo upozorneniach v súvislosti s dopravou nájdete v tabuľke A, oddiel 3.2.1. Písomné pokyny týkajúce sa zmiernenia škôd v súvislosti s incidentmi alebo nehodami počas dopravy nájdete v oddiele 5.4.3.

IMDG / Všetky informácie o osobitných ustanoveniach, požiadavkách alebo upozorneniach v súvislosti s dopravou nájdete v oddiel 3.2.1.

IATA / Všetky informácie o osobitných ustanoveniach, požiadavkách alebo upozorneniach v súvislosti s dopravou nájdete v tabuľke 4.2

#### 14.6. Osobitné bezpečnostné opatrenia pre užívateľa

Nerelevantné.

#### 14.7. Námorná preprava hromadného nákladu podľa nástrojov IMO

K dispozícii nie sú žiadne údaje.

## ODDIEL 15: REGULAČNÉ INFORMÁCIE

### 15.1. Nariadenia/právne predpisy špecifické pre látku alebo zmes v oblasti bezpečnosti, zdravia a životného prostredia

*Obmedzenia použitia:*

Len na odborné použitie.

*Požiadavky na špecifické vzdelávanie:*

Žiadne špecifické požiadavky

*SEVESO - Kategórie nebezpečných látok / Menované nebezpečné látky:*

Nerelevantné.

*REACH, Príloha XVII:*

izopropylalkohol. Chemická látka podlieha obmedzeniam podľa REACH (Položka č. 40).  
etanol;etylalkohol. Chemická látka podlieha obmedzeniam podľa REACH (Položka č. 40).

*Označovanie obsahu podľa nariadenia o detergentoch 648/2004:*

< 5%

- Aniónové povrchovo aktívne látky
- Neionogénne povrchovo aktívne látky
- Parfumy
- Konzervačnej (PHENOXYETHANOL)

**Ďalšie informácie:**

Nerelevantné.

**Zdroje:**

Nariadenie vlády č. 272/2004 Z. z. v znení č. 310/2010 Z. z., 106/2015 Z. z. ktorým sa ustanovuje zoznam prác a pracovísk, ktoré sú zakázané tehotným ženám, matkám do konca deviateho mesiaca po pôrode a dojčiacim ženám, zoznam prác a pracovísk spojených so špecifickým rizikom pre tehotné ženy, matky do konca deviateho mesiaca po pôrode a pre dojčiace ženy a ktorým sa ustanovujú niektoré povinnosti zamestnávateľom pri zamestnávaní týchto žien.

Nariadenie Európskeho parlamentu a Rady (ES) č. 648/2004 z 31. marca 2004 o detergentoch.

Nariadenie Komisie (EÚ) č. 1357/2014 z 18. decembra 2014 o odpade.

Nariadenie Európskeho parlamentu a Rady (ES) č. 1272/2008 z 16. decembra 2008 o klasifikácii, označovaní a balení látok a zmesí (CLP).

Nariadenie Európskeho parlamentu a Rady (ES) č. 1907/2006 z 18. decembra 2006 o registrácii, hodnotení, autorizácii a obmedzovaní chemických látok (REACH).

**15.2. Hodnotenie chemickej bezpečnosti**

Nie

## ODDIEL 16: INÉ INFORMÁCIE

**Plné znenia H-viet, ako sú uvedené v oddieli 3**

H225, Veľmi horľavá kvapalina a pary.

H302, Škodlivý po požití.

H318, Spôsobuje vážne poškodenie očí.

H319, Spôsobuje vážne podráždenie očí.

H335, Môže spôsobiť podráždenie dýchacích ciest.

H336, Môže spôsobiť ospalosť alebo závraty.

**Skratky a akronymy**

ADN = Európske opatrenia o medzinárodnej vnútrozemskej vodnej preprave nebezpečných vecí

ADR = Európska dohoda o medzinárodnej cestnej preprave nebezpečných vecí

ATE = Odhad akútnej toxicity

BCF = Biokoncentračný faktor

CAS = Služba chemických konspektov

CE = Európska zhoda

CLP = klasifikácia, označenie a balenie nariadenie (ES) 1272/2008

CSA = Hodnotenie chemickej bezpečnosti

CSR = Správa o chemickej bezpečnosti

DNEL = Odvodená hladina, pri ktorej nedochádza k žiadnemu účinku

EINECS = Európsky zoznam existujúcich komerčných chemických látok ES = Scenáre expozície

EUH vyhlásenie = CLP-špecifické vyhlásenie o nebezpečenstve

EuPCS = Európsky systém kategorizácie výrobkov

EWC = Európsky katalóg odpadov

GHS = Globálny harmonizovaný systém klasifikácie a označovania

GWP = Potenciál globálneho otepľovania

IATA = Medzinárodná asociácia leteckej prepravy

IBC = Stredne veľká nádoba na voľne ložené látky

IMDG = Medzinárodný námorný zákon o nebezpečných veciach

LogPow = logaritmus koeficientu pomeru oktanol / voda

MARPOL = Medzinárodný dohovor na prevenciu znečistenia z lodí, 1973, modifikovaný protokolom z roku 1978.

("Marpol" = námorné znečistenie)

OECD = Organizácia pre hospodársku spoluprácu a rozvoj

PBT = Perzistentný, bioakumulovateľný a toxický

PNEC = Predpokladaná koncentrácia, pri ktorej nedochádza k žiadnemu účinku

OSN = Organizácia Spojených Národov

RID = Poriadok pre medzinárodnú železničnú prepravu nebezpečného tovaru

RRN = Registračné číslo REACH

SCL = špecifický koncentračný limit.

SVHC = Látky vzbudzujúce veľmi veľké obavy

STOT - RE = Toxicita pre špecifický cieľový orgán - opakovaná expozícia

STOT-SE = Toxicita pre špecifický cieľový orgán - jednorázová expozícia

TWA = časom vážená priemerná

UVCB = Znamenajú látky neznámeho alebo variabilného zloženia, produkty komplexných reakcií alebo biologické materiály.

VOC = Prchavé organické látky

vPvB = Veľmi perzistentný a veľmi akumulovateľný

#### **Ďalšie informácie**

Nerelevantné.

#### **Táto karta bezpečnostných údajov bola potvrdená**

Quality & Compliance

#### **Iné**

Zmena (v pomere k poslednej zásadnej zmene (prvá šifra vo verzii karty bezpečnostných údajov)) je označená trojuholníkom.

Informácie uvedené v tomto karte bezpečnostných údajov platia iba pre tento konkrétny produkt (uvedené v oddiel 1), a nemusia byť preto správne pri použití tohto produktu s inými chemickými látkami/produktmi.

Odporúča sa odovzdať tento karte bezpečnostných údajov skutočnému užívateľovi produktu. Informácie v tomto bezpečnostnom liste sa nemôžu použiť ako špecifikácia produktu.

Krajina-jazyk: SK-sk

## MALZEME GÜVENLİK BİLGİ FORMU

# i.26 kitchen polish (Alu-Air)

## BÖLÜM 1: MADDE/KARISIM VE ŞİRKET/YÜKLENİCİNİN TANIMLANMASI

### 1.1. Madde /Karışımın kimliği

*Ticari adı:*

i.26 kitchen polish (Alu-Air)

### 1.2. Madde veya karışımın belirlenmiş kullanımları ve tavsiye edilmeyen kullanımları

*Madde veya karışımın ilgili belirlenmiş kullanımları:*

Deterjanlar ve temizlik maddeleri (solvent bazlı olanlar dahil)  
Sadece profesyonel kullanıcılar içindir.

*Kullanılması önerilmez:*

Hiçbiri bilinmiyor.

### 1.3. Güvenlik bilgi formu tedarikçisinin bilgileri

*Şirket ve adres:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-posta:*

info@hygeniq.com

*SDS tarihi:*

26.05.2025

*SDS Versiyonu:*

1.0

### 1.4. Acil durum telefon numarası

114

Ulusal veya yerel acil durum numarasını kullanın  
Bkz bölüm 4 "İlk yardım önlemleri".

## BÖLÜM 2: TEHLİKE TANIMLARI

1272/2008 (CLP) Sayılı Yönetmeliğe (AT) göre sınıflandırılmıştır.

### 2.1. Madde ve karışımın sınıflandırılması

Aerosol 3; H229, Basıncılı kap: ısınır patlayabilir.

### 2.2. Etiket Unsurları

*Tehlike belirten resimli yazı(lar):*

Uygulanamaz.

*uyarı ifadesi:*

Dikkat

*Tehlike beyan(lar)i:*

Basıncılı kap: ısınırda patlayabilir. (H229)

**Güvenlik beyan(lar):**

**Genel:**

-

**Önleyici:**

Isıdan/kıvılcımdan/alevden/sıcak yüzeylerden uzak tutun. - Sigara içilmez. (P210)

Basıncılı kap: Kullanımdan sonra bile delmeyin veya yakmayın. (P251)

**Yanıt:**

-

**Depolama:**

Güneş ışığından koruyun. 50 °C/122°F aşan sıcaklıklara maruz bırakmayın. (P410+P412)

**Atık:**

-

**Büyük sağlık tehditlerinden birincil olarak sorumlu maddelerin kimliği:**

Rapor etme zorunluluğu bulunan hiç bir madde içermez

**Ek Etiketleme:**

Uygulanamaz.

**DETERJANLAR HAKKINDA YÖNETMELİK göre içeriğin etiketlenmesi:**

< 5%

- Anyonik sürfaktanlar
- İyonik olmayan sürfaktanlar
- Parfümler
- Koruyucu (PHENOXYETHANOL)

### 2.3. Diğer zararlar

**Ek uyarılar:**

Bu karışım/ürün, PBT ve/veya vPvB sınıfı kapsamında değerlendirilen herhangi bir ürün içermez.

Bu ürün, Komisyon Delegasyonu Yönetmeliği (AB) 2017/2100 veya Komisyon Yönetmeliği (AB) 2023/707'te belirtilen kriterlere uygun olarak endokrin bozucu olarak kabul edilen herhangi bir madde içermez.

## BÖLÜM 3: BİLESİMİ/İÇİNDEKİLER HAKKINDA BILGI

### 3.1. Maddeler

Uygulanamaz. Bu ürün bir karışımdır.

### 3.2. Karışımlar

Ürün/içerik	Tanımlayıcılar	% w/w	Sınıflandırma	Notlar
Isopropylalcohol	CAS No.: 67-63-0 EC No.: 200-661-7 REACH: Liste No.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol, ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6 REACH: Liste No.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7 REACH: 01-2119488943-21 Liste No.: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

Bölüm 16'daki H terimlerinin tam metnine bakın. Mevcut ise mesleki sınırlar bölüm 8'de listelenmiştir.

## Diger bilgiler

-

## BÖLÜM 4: İLK YARDIM ÖNLEMLERİ

### 4.1. İlk yardım önlemlerinin açıklaması

#### Genel bilgiler:

Kaza durumunda: Doktor veya acil servise başvurun, etiketi veya bu güvenlik veri sayfasını yanınıza alın. Yaralanan kişinin durumundan emin değilseniz veya belirtiler devam ediyorsa doktora başvurun. Bilinç kaybına uğramış bir kişiye su veya benzeri şeyler vermeyin.

#### Solunum:

Solunum güçlüğü veya solunum yollarının tahrişi üzerine: Kişiyi temiz havaya çıkarın ve yalnız bırakmayın.

#### Cilt ile temas:

Kirlenen giysileri ve ayakkabıları derhal çıkarın. Malzeme ile temas eden cilt su ve sabun ile iyice yıkanmalıdır. Cilt temizleyicisi kullanılmalıdır. Çözücü veya inceltici KULLANILMAMALIDIR.

#### Göz ile temas:

Gözle teması halinde: Gözlerinizi en az 5 dakika boyunca suyla (20-30 °C) yıkayın. Kontakt lenslerinizi çıkarın. Doktor çağırın

#### Yutma:

Kişinin bilinci yerindeyse ağzını suyla çalkalayın ve yanında kalın. Eğer kişi kendini iyi hissetmiyorsa doktora başvurun ve bu güvenlik veri sayfasını veya ürün etiketini yanınıza alın. Doktor tarafından tavsiye edilmediği takdirde kusturmaya çalışmayın. Kusmuğun ağız ve geniz bölgesine gitmemesi için yüzünü yere dönük tutun.

#### Yanıklar:

Uygulanamaz.

### 4.2. Akut ve sonradan görülen önemli belirtiler ve etkiler

Hiçbiri bilinmiyor.

### 4.3. Tıbbi müdahale ve özel tedavi gereği için ilk işaretler

Semptomatik olarak tedavi edin.

### Doktorlar için bilgiler

Bu güvenlik belgesini veya malzemenin etiketini yanınıza alın.

## BÖLÜM 5: YANGIN ÖNLEMLERİ

### 5.1. Yangın söndürücüler

Uygulanamaz.

### 5.2. Madde veya karışımdan kaynaklanan özel zararlar

Basınçlı kap. Yangın veya ısınması durumunda basınç artışı meydana gelir ve kap patlayabilir.

Yangın yoğun bir duman oluşturacaktır. Katabolik ürünlere maruz kalmak sağlığınız için zararlı olabilir. Yangına maruz kalan kapalı konteynerler su ile soğutulmalıdır. Yangın söndürme suyunun kanalizasyona veya benzeri su kanallarına akmasını engelleyin.

Eğer ürün bir yangın durumunda olduğu gibi yüksek sıcaklıklara maruz kalırsa, tehlikeli katabolik maddeler yayılır.

Bunlar:

Karbon oksitler (CO / CO<sub>2</sub>)

Bazı metal oksitler

### 5.3. Yangın söndürme ekipleri için tavsiyeler

Teması engellemek için müstakil solunum cihazı ve koruyucu giysi kullanın.

## BÖLÜM 6: KAZARA SALINIMA KARSI ÖNLEMLER

### 6.1. Kişisel önlemler, koruyucu donanım ve acil durum prosedürleri

Kirli alanlar kaygan olabilir.

### 6.2. Çevresel önlemler

Göl, akarsu, kanalizasyon vb.'ne akması engellenmelidir.  
Yetkisiz kişileri döküntüden uzak tutun

### 6.3. Muhafaza etme ve temizleme için yöntemler ve materyaller

Dökülen maddeyi, kum, toprak, vermikülit, diatomlu toprak gibi yanmayan emici maddelerle etrafını çevirip toplayın ve yerel mevzuata uygun olarak atmak üzere bir konteynere yerleştirin.  
Temizlik mümkün olduğunca normal temizlik malzemeleri ile yapılmalıdır. Çözücülerden kaçınılmalıdır.

### 6.4. Diğer bölümlere atıflar

Atıklarla ilgili olarak 13 " Atıkların atılması ile ilgili hususlar" bölümüne göz atın.  
Koruyucu önlemler için 8 "Maruz kalma kontrolleri/kişisel koruma" bölümüne bakın.

## BÖLÜM 7: TASIMA VE DEPOLAMA

### 7.1. Güvenli elleçleme için önlemler

Basınçlı kap: Kullanımdan sonra bile delmeyin veya yakmayın.  
Çalışma alanları içerisinde sigara içilmesi, yiyecek veya içecek tüketimi, tütün, yiyecek veya içeceklerin depolanmasına izin verilmez.  
Kişisel koruma için "Maruz kalma kontrolleri/kişisel koruma" bölümüne bakın.

### 7.2. Uyuşmazlıkları da içeren güvenli depolama için koşullar

Sıkıca kapalı konteynerlerde saklayın ve nem ve ışıktan koruyun. Konteynerlerin açıldığı tarih not edilmeli ve peroksitler için periyodik olarak test edilmelidir. Depolama süresi sınırlarını aşmayın.  
Açılan konteynerler dikkatlice yeniden mühürlenmeli ve sızıntıyı engellemek için dik konumda tutulmalıdır.

#### Ambalaj uygunlukları:

Sadece orijinal paketi içerisinde tutun.

#### Depolama koşulları:

Kuru, serin ve iyi havalandırılmış

#### Kaçınılması gereken maddeler:

Güçlü asitler, güçlü bazlar, güçlü paslandırıcı maddeler ve güçlü katabolik maddeler.

### 7.3. Belirli son kullanımlar

Bu ürün sadece bölüm 1.2'de belirtilen uygulamalar için kullanılmalıdır.

## BÖLÜM 8: MARUZ KALMA KONTROLLERİ/KİŞİSEL KORUMA

### 8.1. Kontrol parametreleri

Ürün, çalışma alanı maruz kalma limitli madde olarak Türkiye listesinde bulunan maddeler içermez.

#### DNEL

2-phenoxyethanol

Süresi:	Maruz kalma şekli:	DNEL:
Uzun vade	Ağız yolu	9,23 mg/kg
Uzun vade - Sistemik etkiler	Cilt yolu	10,42 mg/kg
Uzun Vade - Sistemik Etkiler - Çalışanlar	Cilt yolu	34,72 mg/kg/gün
Uzun Vade - sistemik etkiler - genel nüfus	Cilt yolu	20,83 mg/kg
Uzun Vade - Lokal Etkiler - Çalışanlar	Solunum yolu	5,7 mg/m <sup>3</sup>
Uzun vade - Sistemik etkiler	Solunum yolu	2,41 mg/m <sup>3</sup>
Uzun Vade - Sistemik Etkiler - Çalışanlar	Solunum yolu	5,7 mg/m <sup>3</sup>
Uzun Vade - Sistemik Etkiler - Çalışanlar	Solunum yolu	8,07 mg/m <sup>3</sup>

Ethanol, ethyl alcohol

Süresi:	Maruz kalma şekli:	DNEL:
Uzun Vade - sistemik etkiler - genel nüfus	Ağız yolu	87 mg/kg/gün
Uzun Vade - Sistemik Etkiler - Çalışanlar	Cilt yolu	343 mg/kg/gün
Uzun Vade - sistemik etkiler - genel nüfus	Cilt yolu	206 mg/kg/gün
Kısa Vade - Lokal etkiler - Çalışanlar	Solunum yolu	1900 mg/m <sup>3</sup>
Kısa vade - lokal etkiler - Genel nüfus	Solunum yolu	950 mg/m <sup>3</sup>
Uzun Vade - Sistemik Etkiler - Çalışanlar	Solunum yolu	380 mg/m <sup>3</sup>
Uzun Vade - sistemik etkiler - genel nüfus	Solunum yolu	114 mg/m <sup>3</sup>

#### Isopropylalcohol

Süresi:	Maruz kalma şekli:	DNEL:
Uzun Vade - sistemik etkiler - genel nüfus	Ağız yolu	26 mg/kg
Uzun Vade - Sistemik Etkiler - Çalışanlar	Cilt yolu	888 mg/m <sup>3</sup>
Uzun Vade - sistemik etkiler - genel nüfus	Cilt yolu	319 mg/kg
Uzun Vade - Sistemik Etkiler - Çalışanlar	Solunum yolu	500 mg/m <sup>3</sup>
Uzun Vade - sistemik etkiler - genel nüfus	Solunum yolu	89 mg/m <sup>3</sup>
Uzun Vade - sistemik etkiler - genel nüfus	Solunum yolu	89 mg/m <sup>3</sup>

#### PNEC

##### 2-phenoxyethanol

Maruz kalma şekli:	Maruz Kalma Süresi:	PNEC:
Atık su Arıtma Tesisi		24,8 mg/L
Atık su Arıtma Tesisi	Tek	36 mg/L
Deniz suyu		0,0943 mg/L
deniz suyu tortusu		0,7237 mg/kg
Temiz su		0,943 mg/L
Temiz su tortusu		7,2366 mg/kg
toprak		1,26 mg/kg

##### Ethanol, ethyl alcohol

Maruz kalma şekli:	Maruz Kalma Süresi:	PNEC:
Aralıklı serbest bırakma (temiz su)		2.75 mg/L
Atık su Arıtma Tesisi		580 mg/L
Deniz suyu		790 µg/L
deniz suyu tortusu		2.9 mg/kg
Predatorler		380-720 mg/kg
Temiz su		960 µg/L
Temiz su tortusu		3.6 mg/kg
toprak		630 µg/kg

##### Isopropylalcohol

Maruz kalma şekli:	Maruz Kalma Süresi:	PNEC:
Aralıklı serbest bırakma		140,9 mg/L
Atık su Arıtma Tesisi		2251 mg/L
Deniz suyu		140,9 mg/L
deniz suyu tortusu		552 mg/kg

Temiz su		140,9 mg/L
Temiz su tortusu		552 mg/kg
toprak		28 mg/kg

## 8.2. Maruz kalma kontrolleri

Gereksiz maruziyeti önlemek için genel kontrol işlemi gerçekleştirin.

### Genel öneriler:

Çalışma alanları içerisinde sigara içilmesi, yiyecek veya içecek tüketimi, tütün, yiyecek veya içeceklerin depolanmasına izin verilmez.

### Maruz kalma senaryoları:

Bu ürün için uygulanan hiçbir maruz kalma senaryosu bulunmamaktadır.

### Maruz kalma sınırları:

Bu ürün içerisinde bulunan maddeler için maksimum maruz kalma limiti yoktur.

### İlgili teknik önlemler:

Ürünün kullanımı sırasında standart tedbirleri uygulayın. Buharı solumaktan kaçının.

### Hijyen önlemleri:

Bu ürünü kullanırken ara verdiğinizde ve ürünü kullanmayı tamamladığınızda, vücudun açıkta olan tüm yerleri yıkanmalıdır. Ellerinize, kollarınızın ön kısımlarına ve yüzünüze özellikle dikkat edin.

### Çevresel maruz kalmayı engellemek üzere önlemler:

Belirli gereksinimler yoktur.

## Kişisel koruma ekipmanları gibi bireysel koruma önlemleri

### Genel:

Sadece CE işaretli koruyucu ekipmanları kullanınız.

### Solunma ekipmanı:

Tipi	Sınıf	Renk	Standartlarına	
Amacına uygun kullanıldığında özel durum yoktur.				

### Cildin korunması:

Önerilen	Tip/Kategori	Standartlarına	
Amacına uygun kullanıldığında özel durum yoktur	-	-	

### Ellerin korunması:

Çalışma durumu	Malzeme	Minimum tabaka kalınlığı (mm)	Delinme süresi (dakika)	Standartlarına	
	Amacına uygun kullanıldığında özel durum yoktur	-	-	-	
Uzun süreli maruz kalma veya yüksek konsantrasyonlar durumunda	Pamukdan / Nitril lastik	-	> 240	EN374-2, EN16523-1, EN388	

### Gözlerin korunması:

Tipi	Standartlarına	
Amacına uygun kullanıldığında özel durum yoktur.	-	

## BÖLÜM 9: FİZİKSEL VE KİMYASAL ÖZELLİKLER

## 9.1. Temel fiziksel ve kimyasal özellikler hakkında bilgi

*Sekil:*

Sıvı

*Renk:*

Beyaz

*Koku / Koku eşiği (ppm):*

Parfümlü

*pH:*

ca. 9

*Yogunluk (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Kinematik viskozite:*

Veri bulunmamaktadır.

*Dinamik viskozite:*

ca 1000 mPa.s (20 °C)

*Partikül özellikleri:*

Sıvılar uygulanmaz

### Hal değişimleri

*Erime noktası/Donma noktası (°C):*

Veri bulunmamaktadır.

*Yumuşama noktası/aralığı (°C):*

Sıvılar uygulanmaz

*Kaynama noktası (°C):*

Veri bulunmamaktadır.

*Buhar basıncı:*

Veri bulunmamaktadır.

*Bağıl buhar yoğunluğu:*

Veri bulunmamaktadır.

*Bozunma sıcaklığı (°C):*

Veri bulunmamaktadır.

### Yangın ve patlama tehlikeleri ile ilgili veriler

*Parlama noktası (°C):*

Veri bulunmamaktadır.

*Alevlenirlik (°C):*

Veri bulunmamaktadır.

*Kendi kendine yanma noktası (°C):*

Veri bulunmamaktadır.

*Patlama sınırları (% v/v):*

Veri bulunmamaktadır.

### Çözünürlük

*Suda çözünürlük:*

Veri bulunmamaktadır.

*n-oktanol/su katsayısı (LogKow):*

Veri bulunmamaktadır.

*Yağda çözünürlük (g/L):*

Veri bulunmamaktadır.

### 9.2. Diğer bilgiler

*Diğer fiziksel ve kimyasal parametreler:*

Veri bulunmamaktadır.

*Oksitleyici özellikler:*  
Veri bulunmamaktadır.

## BÖLÜM 10: KARARLILIK VE REAKTİFLİK

### 10.1. Tepkime

Veri bulunmamaktadır.

### 10.2. Kimyasal kararlılık

Ürün 7, "Taşıma ve depolama" bölümünde belirtilen koşullar altında durağandır.

### 10.3. Zararlı tepkime olasılığı

Hiçbiri bilinmiyor.

### 10.4. Kaçınılması gereken durumlar

Hiçbiri bilinmiyor.

### 10.5. Kaçınılması gereken maddeler

Güçlü asitler, güçlü bazlar, güçlü paslandırıcı maddeler ve güçlü katabolik maddeler.

### 10.6. Zararlı bozunma ürünleri

Normal depolama ve kullanım koşulları altında tehlikeli bozunma ürünleri üretilmemelidir.

## BÖLÜM 11: TOKSİKOLOJİK BİLGİLER

### 11.1. Toksik etkiler hakkında bilgi

#### Akut toksik

Ürün/içerik	Isopropylalcohol
Tür:	Sıçan
Maruz kalma şekli:	Ağız yolu
Test:	LD50
Sonuç:	>2000 mg/kg

Ürün/içerik	Isopropylalcohol
Tür:	Tavşan
Maruz kalma şekli:	Cilt yolu
Test:	LD50
Sonuç:	>2000 mg/kg

Ürün/içerik	Isopropylalcohol
Tür:	Sıçan
Maruz kalma şekli:	Solunum yolu
Test:	LC50
Sonuç:	>20

Ürün/içerik	Isopropylalcohol
Maruz kalma şekli:	Ağız yolu
Test:	LD50
Sonuç:	5849 mg/kg

Ürün/içerik	Isopropylalcohol
Tür:	Sıçan
Maruz kalma şekli:	Ağız yolu
Test:	LD50
Sonuç:	5840 mg/kg

Ürün/içerik	Isopropylalcohol
Tür:	Tavşan
Maruz kalma şekli:	Cilt yolu
Test:	LD50

Sonuç: 12800 mg/kg

Ürün/içerik: Isopropylalcohol  
Maruz kalma şekli: Solunum yolu  
Test: LC50  
Sonuç: 301002 mg/L

Ürün/içerik: 2-phenoxyethanol  
Tür: Sıçan  
Maruz kalma şekli: Ağız yolu  
Test: LD50  
Sonuç: 1840 mg/kg

Ürün/içerik: 2-phenoxyethanol  
Tür: Tavşan  
Maruz kalma şekli: Cilt yolu  
Sonuç: >5000 mg/kg

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

#### Cilt asınması/tahris

Ürün/içerik: Isopropylalcohol  
Test metodu: OECD 404  
Tür: Tavşan  
Süresi: 4 hours

Ürün/içerik: 2-phenoxyethanol  
Sonuç: Yan etki gözlemlenmiştir (Aşındırıcı)

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

#### Ciddi gözü hasarları/tahrişi

Ürün/içerik: Isopropylalcohol  
Tür: Tavşan  
Sonuç: Yan etki gözlemlenmiştir (Tahriş edici)

Ürün/içerik: Isopropylalcohol  
Test metodu: OECD 405  
Tür: Tavşan  
Sonuç: Yan etki gözlemlenmiştir (Ciddi göz hasarına yol açar)

Ürün/içerik: 2-phenoxyethanol  
Sonuç: Yan etki gözlemlenmiştir (Ciddi göz hasarına yol açar)

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

#### Solunum yolları hassaslaşması

Ürün/içerik: Isopropylalcohol  
Test metodu: OECD 406  
Tür: Gine domuzu  
Sonuç: Hiçbir yan etki gözlenmemiştir (hassaslaştırıcı değil)

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

#### Cilt hassaslaşması

Ürün/içerik: Isopropylalcohol  
Tür: Gine domuzu  
Sonuç: Hiçbir yan etki gözlenmemiştir (hassaslaştırıcı değil)

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

#### Hastalıklı hücre mutajenitesi

Ürün/içerik: Isopropylalcohol  
Sonuç: Hiçbir yan etki gözlenmemiştir

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

### Kanserojenlik

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

### Üreme toksisitesi

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

### STOT- tekil maruz kalma

Ürün/içerik: Isopropylalcohol  
Maruz kalma şekli: Ağız yolu

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

### STOT - tekrarlı maruz kalma

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

### Aspirasyon tehlikesi

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

### 11.2. Diğer tehlikelere ilişkin bilgiler

#### Uzun vadeli etkiler

Hiçbiri bilinmiyor.

#### Endokrin bozucu özellikler

Bu karışım/ürün, sağlıkla ilgili hormon bozucu özelliklere sahip olduğu düşünülen herhangi bir madde içermemektedir.

#### Diğer bilgiler

Isopropylalcohol: Bu madde IARC (Uluslararası Kanser Araştırmaları Ajansı) tarafından grup 3 olarak sınıflandırılmıştır.

## BÖLÜM 12: EKOLOJİK BİLGİLER

### 12.1. Toksikite

Ürün/içerik: Isopropylalcohol  
Tür: Balık, Goudwinde (Leuciscus idus)  
Süresi: 48 saat  
Test: LC50  
Sonuç: >100 mg/L

Ürün/içerik: Isopropylalcohol  
Tür: Kabuklu, Daphnia magna  
Süresi: 48 saat  
Test: EC50  
Sonuç: >100 mg/L

Ürün/içerik: Isopropylalcohol  
Tür: Yosun, Scenedesmus subspicatus  
Süresi: 72 saat  
Test: EC50  
Sonuç: >100 mg/L

Ürün/içerik: 2-phenoxyethanol  
Tür: Balık  
Süresi: 96 saat  
Test: LC50  
Sonuç: >100 mg/L

Ürün/içerik: 2-phenoxyethanol  
Tür: Yosun  
Süresi: 72 saat  
Test: ErC50  
Sonuç: >100 mg/L

Ürün/içerik: 2-phenoxyethanol  
Tür: Daphnia magna

Süresi: 48 saat  
Test: EC50  
Sonuç: >100 mg/L

Ürün/içerik: 2-phenoxyethanol  
Tür: Balık  
Test: NOEC  
Sonuç: 23 mg/L

Ürün/içerik: 2-phenoxyethanol  
Tür: Andere waterorganismen  
Süresi: 30 minutes  
Test: EC50  
Sonuç: >1000 mg/L

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

#### 12.2. Kalıcılık ve bozunabilirlik

Ürün/içerik: Isopropylalcohol  
Sonuç: 95%  
Sonuç: Kolay biyobozunabilirlik  
Test: OECD 301 E

Ürün/içerik: 2-phenoxyethanol  
Sonuç: >70  
Sonuç: Kolay biyobozunabilirlik  
Test: OECD 301 A

#### 12.3. Biyobirikim potansiyeli

Ürün/içerik: Isopropylalcohol  
BCF: <100  
LogKow: <3  
Sonuç: -

Ürün/içerik: 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Sonuç: -

#### 12.4. Toprakta hareketlilik

Veri bulunmamaktadır.

#### 12.5. PBT ve vPvB değerlendirmesinin sonuçları

Bu karışım/ürün, PBT ve/veya vPvB sınıfı kapsamında değerlendirilen herhangi bir ürün içermez.

#### 12.6. Endokrin bozucu özellikler

Bu karışım/ürün, çevreyle ilgili endokrin bozucu özelliklere sahip olduğu düşünülen herhangi bir madde içermemektedir.

#### 12.7. Diğer olumsuz etkiler

Hiçbiri bilinmiyor.

## BÖLÜM 13: ATIKLARIN ATILMASI İLE İLGİLİ HUSUSLAR

#### 13.1. Atık işleme yöntemleri

Bu ürün tehlikeli atık düzenlemeleri kapsamında değildir.

18 Aralık 2014 tarih ve 1357/2014 sayılı Komisyon Yönetmeliği (AB), Avrupa Parlamentosu ve Konseyi'nin atıklarla ilgili 2008/98/EC Yönergesinin Ek III'ünün yerini almıştır.

EWC kodu:

20 01 30

20 01 29 belirtilenler dışındaki deterjanlar

#### Bulasmis ambalaj

Ürünün artıklarının bulunduğu ambalaj malzemeleri ürün ile aynı şekilde atılmalıdır.

## BÖLÜM 14: TASIMACILIK BİLGİLERİ

	14.1 UN	14.2 İsim ve tanım	14.3 Sınıf	14.4 PG*	14.5. Env**	Diğer bilgiler:
ADR	1950	AEROSOLS	Sınıf: 2 Etiketler: 2.2 Sınıflandırma Kodu: 5A	-	Hayır	Sınırlı miktarlar: 1 L Tünel kısıtlama kodu: 3 (E) Ek bilgi için aşağıya bakın.
IMDG	1950	AEROSOLS	Sınıf: 2 Etiketler: 2.2 Sınıflandırma Kodu: 5A	-	Hayır	Sınırlı miktarlar: 1 L EmS: F-D S-U Ek bilgi için aşağıya bakın.
IATA	1950	AEROSOLS	Sınıf: 2 Etiketler: 2.2 Sınıflandırma Kodu: 5A	-	Hayır	Ek bilgi için aşağıya bakın.

\* Paketleme grubu

\*\* Çevresel zararlar

### Ek bilgiler

Bu ürün tehlikeli maddeler ile ilgili düzenlemeler tarafından kapsamaktadır.

ADR / Taşıma ile ilgili özel hükümler, gereksinimler veya uyarılar hakkında bilgi için Tablo A, Bölüm 3.2.1'e bakınız.

Taşıma sırasında meydana gelen olaylar veya kazalarla ilgili zararların azaltılmasına ilişkin yazılı talimatlar için bölüm 5.4.3'e bakınız.

IMDG / Taşıma ile ilgili özel hükümler, gereksinimler veya uyarılar hakkında bilgi için Bölüm 3.2.1'e bakınız.

IATA / Taşıma ile ilgili özel hükümler, gereksinimler veya uyarılar hakkında bilgi için 4.2'e bakınız.

### 14.6. Kullanıcı için özel önlemler

Uygulanamaz.

### 14.7. MARPOL 73/78 ek II ve IBC koduna göre toplu taşımacılık

Veri bulunmamaktadır.

## BÖLÜM 15: MEVZUAT BİLGİLERİ

### 15.1. Madde veya karışıma özgü güvenlik, sağlık ve çevre mevzuatı

*Uygulama ile ilgili sınırlamalar:*

Sadece profesyonel kullanıcılar içindir.

*Özel eğitim talepleri:*

Belirli gereksinimler yoktur.

*SEVESO - Tehlikeli maddelerin zararlılık kategorileri / Adlandırılmış tehlikeli maddeler:*

Uygulanamaz.

*REACH, Ek XVII:*

Isopropylalcohol. Bu kimyasal madde REACH kısıtlamaları (40 numaralı giriş).

Ethanol, ethyl alcohol. Bu kimyasal madde REACH kısıtlamaları (40 numaralı giriş).

**DETERJANLAR HAKKINDA YÖNETMELİK göre içeriğin etiketlenmesi:**

< 5%

- Anyonik sürfaktanlar
- İyonik olmayan sürfaktanlar
- Parfümler
- Koruyucu (PHENOXYETHANOL)

**Ek bilgiler:**

Uygulanamaz.

**Kaynaklar:**

İş Kanunu No. 4857 22.5.2003.

DETERJANLAR HAKKINDA YÖNETMELİK. Resmî Gazete Sayı : 30314 (Ocak 2018)

18 Aralık 2014 tarih ve 1357/2014 sayılı Komisyon Yönetmeliği (AB), Avrupa Parlamentosu ve Konseyi'nin atıklarla ilgili 2008/98/EC Yönergesinin Ek III'ünün yerini almıştır.

11/12/2013 tarihli ve 28848 MADDELERİN VE KARIŞIMLARIN SINIFLANDIRILMASI, ETİKETLENMESİ VE AMBALAJLANMASI HAKKINDA YÖNETMELİK

23/06/2017 tarihli ve 30105 KİMYASALLARIN KAYDI, DEĞERLENDİRİLMESİ, İZİNİ VE KISITLANMASI HAKKINDA YÖNETMELİK.

**15.2. Kimyasal güvenlik değerlendirilmesi**

Hayır

## BÖLÜM 16: DİĞER BİLGİLER

**Bölüm 3'te belirtilen H terimlerinin tam metni**

- H225, Çok alevlenir sıvı ve buhar.
- H302, Yutulması halinde zararlıdır.
- H318, Ciddi göz hasarına yol açar.
- H319, Ciddi göz tahrişine yol açar.
- H335, Solunum yolu tahrişine yol açabilir.
- H336, Rehavete veya baş dönmesine yol açabilir.

**Kısaltmalar ve eş anlamlılar**

ACGIH = American Conference of Industrial Hygienists

ADN = Tehlikeli yüklerin iç su yollarında uluslararası taşınaması hakkındaki Avrupa Koşulları

ADR = Tehlikeli yüklerin uluslararası karayollarında taşınması hakkındaki Avrupa Sözleşmesi

ATE = Öngörülen akut toksisite

BCF = Biyobirikim faktörü

BM = Birleşmiş Milletler

CAS = Kimyasal Kuramlar Servisi

CE = Avrupa Uygunluğu

EuPCS = Avrupa Ürün Kategorizasyon Sistemi

GHS = Kimyasalların Global Harmonize Sınıflandırma ve Etiketleme Sistemi

IATA = Uluslararası Hava Taşımacılığı Birliği

IMDG = Uluslararası Denizcilikte Tehlikeli Yükler

KIP = Küresel ısınma potansiyeli

LogPow = oktanol/su dağılım katsayısının 10 tabanlı logaritması

MARPOL = Gemilerden Kaynaklanan Deniz Kirliliğini Önleme Sözleşmesi, 1973 1978 Protokolüyle değiştirilmiş hali ("Marpol" = deniz kirlenmesi)

OECD = Ekonomik İşbirliği ve Kalkınma Örgütü

PBT = Kalıcı, Biyobirikimli ve Toksik

RID = Tehlikeli Yüklerin Uluslararası Demiryolu ile Taşınması hakkındaki Tüzük

SCL = Spesifik konsantrasyon limiti.

STOT-RE = Özel Organ Hedefli Toksikite - Tekrarlanan Maruziyet

STOT-SE = Özel Organ Hedefli Toksikite - Tek Maruziyet

TWA = Zaman ağırlıklı ortalama

UOB = Uçucu Organik Bileşikler

UVCB = Bilinmeyen veya değişken bileşim, kompleks reaksiyon ürünleri veya biyolojik malzemeler

vPvB = Çok Kalıcı ve Çok Biyobirikimli

**Ek bilgiler**

Uygulanamaz.

**Güvenlik bilgi formunu onaylayan**

Quality & Compliance

**Diğer**

Değişiklik (en son önemli değişiklik ile orantılı olarak (SDS versiyonu ilk anahtarı)) üçgen ile işaretlenmiştir.

Bu güvenlik bilgi formu içerisindeki bilgiler sadece belirlenmiş ürün için uygundur (bölüm 1'de belirtilmiştir) ve diğer kimyasallar/ürünler için kullanılması uygun olmayabilir.

Bu güvenlik bilgi formunun asıl ürün kullanıcılarına teslim edilmesi önerilir. Bu güvenlik bilgi formu içerisindeki bilgiler ürün spesifikasyonu olarak kullanılamaz.

Ülke-dil: TR-tr

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

SDS created for the UNITED ARAB EMIRATES according to GHS

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

26/05/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

Contact the local emergency services.  
See section 4 "First aid measures".

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

#### 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

**Hazard statement(s):**

Pressurised container: May burst if heated. (H229)

**Precautionary statement(s):**

**General:**

-

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

**Response:**

-

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

**Disposal:**

-

**Hazardous substances:**

Does not contain any substances required to report

**Additional labelling:**

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**General information:**

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation:**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact:**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion:**

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

**Burns:**

Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medic**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

**5.1. Extinguishing media**

Not applicable.

**5.2. Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures**

Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**6.3. Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Keep only in original packaging.

*Storage conditions:*

Dry, cool and well ventilated

*Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No substances are listed with an occupational exposure limit.

### 8.2. Exposure controls

Apply general control to prevent unnecessary exposure

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Occupational exposure limits have not been defined for the substances in this product.

*Appropriate technical measures:*

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*

No specific requirements.

### Individual protection measures, such as personal protective equipment

*Generally:*

Use only CE marked protective equipment.

*Respiratory Equipment:*

Type	Class	Colour	Standards	
No special when used as intended.				

*Skin protection:*

According to GHS Rev. 8, 2019

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Eye protection:*

Type	Standards	
No special when used as intended.	-	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Form:*

Liquid

*Colour:*

White

*Odour:*

Of perfume

*Odour threshold (ppm):*

No data available.

*pH:*

ca. 9

*Density (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematic viscosity:*

No data available.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

### Phase changes

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

*Evaporation rate (n-butylacetate = 100):*

#### **Data on fire and explosion hazards**

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Explosion limits (% v/v):*

No data available.

#### **Solubility**

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

#### **9.2. Other information**

No data available.

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

No data available.

#### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **10.3. Possibility of hazardous reactions**

None known.

#### **10.4. Conditions to avoid**

None known.

#### **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

According to GHS Rev. 8, 2019

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>20

---

Product/substance	isopropyl alcohol
Route of exposure:	Oral
Test:	LD50
Result:	5849 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5840 mg/kg

---

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	12800 mg/kg

---

Product/substance	isopropyl alcohol
Route of exposure:	Inhalation
Test:	LC50
Result:	301002 mg/L

---

Product/substance	2-phenoxyethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1840 mg/kg

---

Product/substance	2-phenoxyethanol
Species:	Rabbit
Route of exposure:	Dermal
Result:	>5000 mg/kg

Based on available data, the classification criteria are not met.

#### **Skin corrosion/irritation**

Product/substance	isopropyl alcohol
Test method:	OECD 404
Species:	Rabbit
Duration:	4 hours

---

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

#### **Serious eye damage/irritation**

Product/substance	isopropyl alcohol
Species:	Rabbit

According to GHS Rev. 8, 2019

Result:	Adverse effect observed (Irritating)
Product/substance	isopropyl alcohol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Product/substance	isopropyl alcohol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Product/substance	isopropyl alcohol
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Product/substance	isopropyl alcohol
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.  
isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Product/substance	isopropyl alcohol
Route of exposure:	Oral

Based on available data, the classification criteria are not met.

#### STOT-repeated exposure

Based on available data, the classification criteria are not met.

#### Aspiration hazard

Based on available data, the classification criteria are not met.

#### Long term effects

None known.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Product/substance	isopropyl alcohol
Species:	Fish, Goudwinde (Leuciscus idus)
Duration:	48 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Crustacean, Daphnia magna
Duration:	48 hours

According to GHS Rev. 8, 2019

Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, Scenedesmus subspicatus  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Daphnia magna  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC  
Result: 23 mg/L

Product/substance 2-phenoxyethanol  
Species: Andere waterorganismen  
Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

## 12.2. Persistence and degradability

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

## 12.3. Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

According to GHS Rev. 8, 2019

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

#### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

#### Waste treatment methods

Product is not covered by regulations on dangerous waste.

#### Specific labelling

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

### **Additional information**

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

### **14.6. Special precautions for user**

Not applicable.

### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

## **SECTION 15: REGULATORY INFORMATION**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*Additional information:*

Not applicable.

*Sources:*

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

### **15.2. Chemical safety assessment**

No

## **SECTION 16: OTHER INFORMATION**

### **Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

H336, May cause drowsiness or dizziness.

### **The full text of identified uses as mentioned in section 1**

None known.

### **Abbreviations and acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NFPA = National Fire Protection Association  
NIOSH = National Institute for Occupational Safety and Health  
OECD = Organisation for Economic Co-operation and Development  
OSHA = Occupational Safety and Health Administration  
PBT = Persistent, Bioaccumulative and Toxic  
RCRA = Resource Conservation and Recovery Act  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SARA = Superfund Amendments and Reauthorization Act  
SCL = A specific concentration limit.  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TSCA = The Toxic Substances Control Act  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: AE-en

## SICHERHEITSDATENBLATT

# i.26 kitchen polish (Alu-Air)

## ABSCHNITT 1: BEZEICHNUNG DES STOFFS BEZIEHUNGSWEISE DES GEMISCHS UND DES UNTERNEHMENS

### 1.1. Produktidentifikator

*Handelsname:*

i.26 kitchen polish (Alu-Air)

*Eindeutiger Rezepturidentifikator (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Relevante identifizierte Verwendungen des Stoffs oder Gemischs und Verwendungen, von denen abgeraten wird

*Relevante identifizierte Verwendungen des Stoffs oder Gemischs:*

Wasch- und Reinigungsmittel (einschließlich Produkte auf Lösungsmittelbasis)  
Nur für gewerbliche Anwender.

*Verwendungen, von denen abgeraten wird:*

Keine bekannt.

### 1.3. Einzelheiten zum Lieferanten, der das Sicherheitsdatenblatt bereitstellt

*Firmenname und Adresse:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*Email:*

info@hygeniq.com

*Überarbeitet am:*

26.05.2025

*SDB Version:*

1.0

### 1.4. Notrufnummer

Vergiftungsinformationszentrale (VIZ): +43 (0)1 406 43 43 (von 0 bis 24 Uhr)  
Siehe auch Abschnitt 4 zu Erste-Hilfe-Maßnahmen

## ABSCHNITT 2: MÖGLICHE GEFAHREN

Eingestuft gemäß der Verordnung (EG) Nr. 1272/2008 (CLP).

### 2.1. Einstufung des Stoffs oder Gemischs

Aerosol 3; H229, Behälter steht unter Druck: Kann bei Erwärmung bersten.

### 2.2. Kennzeichnungselemente

*Gefahrenpiktogramme:*

Nicht zutreffend.

**Signalwort:**

Achtung

**Gefahrenhinweise:**

Behälter steht unter Druck: Kann bei Erwärmung bersten. (H229)

**Sicherheitshinweise:**

**Allgemeines:**

-

**Prävention:**

Von Hitze, heißen Oberflächen, Funken, offenen Flammen sowie anderen Zündquellenarten fernhalten. Nicht rauchen. (P210)

Nicht durchstechen oder verbrennen, auch nicht nach Gebrauch. (P251)

**Reaktion:**

-

**Lagerung:**

Vor Sonnenbestrahlung schützen und nicht Temperaturen über 50 °C/122 °F aussetzen. (P410+P412)

**Entsorgung:**

-

**Enthält:**

Enthält keine meldepflichtigen Substanzen

**Andere Kennzeichnungen:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:**

< 5%

- Anionische Tenside
- Nichtionische tenside
- Duftstoffe
- Konservierungsmittel (PHENOXYETHANOL)

**2.3. Sonstige Gefahren**

**Anderes:**

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

Dieses Produkt enthält keine Stoffe, die gemäß den Kriterien der Delegierten Verordnung (EU) 2017/2100 der Kommission oder der Verordnung (EU) 2023/707 der Kommission als endokrine Disruptoren gelten.

**ABSCHNITT 3: ZUSAMMENSETZUNG/ANGABEN ZU BESTANDTEILEN**

**3.1. Stoffe**

Nicht zutreffend. Dieses Produkt ist ein Gemisch.

**3.2. Gemische**

Produkt / Substanz	Identifikatoren	% w/w	Einstufung	Anm.
Isopropylalkohol	CAS-Nr.: 67-63-0 EG-Nr.: 200-661-7 REACH: Indexnr.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol;Ethylalkohol	CAS-Nr.: 64-17-5 EG-Nr.: 200-578-6 REACH: Indexnr.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-Phenoxyethanol	CAS-Nr.: 122-99-6	<1%	Acute Tox. 4, H302 (ATE: 1394,00)	

	EG-Nr.: 204-589-7 REACH: 01-2119488943-21 Indexnr.: 603-098-00-9		mg/kg Eye Dam. 1, H318 STOT SE 3, H335	
--	--	--	--	--

Vollständiger Text der H-Sätze - siehe Abschnitt 16. Die Grenzwerte für die Exposition am Arbeitsplatz sind, wenn verfügbar, in Abschnitt 8 wiedergegeben.

## Weitere Angaben

-

## ABSCHNITT 4: ERSTE-HILFE-MAßNAHMEN

### 4.1. Beschreibung der Erste-Hilfe-Maßnahmen

#### Allgemeine Hinweise:

Bei Unfällen: Arzt oder Erste-Hilfe-Raum aufsuchen - das Etikett oder dieses Sicherheitsdatenblatt mitbringen.  
Bei anhaltenden Symptomen oder Zweifel über den Zustand des Geschädigten ist ärztliche Hilfe aufzusuchen.  
Einem Bewusstlosen nie Wasser o.Ä. verabreichen.

#### Nach Einatmen:

Bei Atembeschwerden oder Reizung der Atemwege: Betroffenen an die frische Luft bringen und beaufsichtigen.

#### Nach Hautkontakt:

Verunreinigte Kleidung und Schuhe entfernen. Haut, die mit dem Material in Kontakt gekommen ist, ist gründlich mit Wasser und Seife zu waschen. Es kann ein Hautreinigungsmittel verwendet werden. KEIN Lösungsmittel oder Verdüner verwenden.

#### Nach Augenkontakt:

Bei Kontakt mit den Augen: Sofort mindestens 5 Minuten lang mit Wasser (20-30 °C) spülen. Ggf. Kontaktlinsen herausnehmen. Arzt aufsuchen.

#### Nach Verschlucken:

Wenn die Person bei Bewusstsein ist, den Mund mit Wasser ausspülen und bei der Person bleiben. Geben Sie der Person niemals etwas zu trinken. Bei Unwohlsein: Umgehend mit einem Arzt Kontakt aufnehmen und dieses Sicherheitsdatenblatt oder die Etikette des Produktes mitbringen.  
Kein Erbrechen erzwingen, es sei denn, der Arzt empfiehlt es. Kopf nach unten halten, um zu vermeiden, dass Erbrochenes zurück in Mund und Hals läuft.

#### Verbrennung:

Nicht zutreffend.

### 4.2. Wichtigste akute und verzögert auftretende Symptome und Wirkungen

Keine bekannt.

### 4.3. Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung

Symptomatische Behandlung.

### Hinweise für den Arzt

Dieses Sicherheitsdatenblatt oder das Etikett des Produktes mitbringen.

## ABSCHNITT 5: MAßNAHMEN ZUR BRANDBEKÄMPFUNG

### 5.1. Löschmittel

Nicht zutreffend.

### 5.2. Besondere vom Stoff oder Gemisch ausgehende Gefahren

Behälter steht unter Druck. Bei einem Brand oder bei Erwärmung kommt es zu einem Druckanstieg und der Behälter kann platzen.  
Bei Feuer bildet sich dichter Rauch. Abbauproduktexposition kann eine gesundheitliche Gefahr bedeuten.  
Geschlossene, dem Feuer ausgesetzte Behälter sind mit Wasser zu kühlen. Löschwasser nicht in Kanalisation und Fließgewässer gelangen lassen.

Wenn das Produkt hohen Temperaturen ausgesetzt wird, beispielsweise bei Feuer, kann es zu gefährlichen Abbauprodukten kommen. Dabei handelt es sich um:  
Kohlenmonoxide (CO / CO<sub>2</sub>)  
Einige Metalloxide

### 5.3. Hinweise für die Brandbekämpfung

Normale Einsatzbekleidung und voller Atemschutz. Wenden Sie sich an die Vergiftungsinformationszentrale (VIZ): +43 (0)1 406 43 43 (von 0 bis 24 Uhr), um weitere Ratschläge zu erhalten.

## ABSCHNITT 6: MAßNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG

### 6.1. Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren

Sorgen Sie für ausreichende Belüftung, insbesondere in geschlossenen Räumen.  
Kontaminierte Bereiche können rutschig sein.

### 6.2. Umweltschutzmaßnahmen

Einleitung in Seen, Bäche, Kanalisationen usw. vermeiden.  
Halten Sie Unbefugte von dem verschütteten Produkt fern.

### 6.3. Methoden und Material für Rückhaltung und Reinigung

Verschüttetes Material wird mit nicht brennbaren absorbierenden Materialien wie etwa Sand, Erde, Vermiculit und Diatomeenerde eingedämmt und gemäß den geltenden Regeln in Behältern gesammelt und entsorgt.  
Die Reinigung erfolgt soweit möglich mit Reinigungsmitteln. Lösungsmittel sind zu vermeiden.

### 6.4. Verweis auf andere Abschnitte

Siehe Abschnitt 13 "Hinweise zur Entsorgung" zur Handhabung von Abfällen.  
Für Schutzmaßnahmen siehe Abschnitt 8 "Begrenzung und Überwachung der Exposition/Persönliche Schutzausrüstungen".

## ABSCHNITT 7: HANDHABUNG UND LAGERUNG

### 7.1. Schutzmaßnahmen zur sicheren Handhabung

Nicht durchstechen oder verbrennen, auch nicht nach Gebrauch.  
Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.  
Siehe Abschnitt 8 zum Persönliche Schutzausrüstungen.

### 7.2. Bedingungen zur sicheren Lagerung unter Berücksichtigung von Unverträglichkeiten

In dicht verschlossenen Behältern und vor Feuchtigkeit und Licht geschützt lagern. Die Behälter sollten beim Öffnen datiert und regelmäßig auf das Vorhandensein von Peroxiden geprüft werden. Die empfohlenen Lagerzeiten nicht überschreiten.

Geöffnete Behälter sorgfältig verschließen und aufrecht lagern, um jegliches Auslaufen zu verhindern.

#### *Geeigneten Verpackung:*

Nur in Originalverpackung aufbewahren.

#### *Lagerbedingungen:*

Trocken, kühl und gut belüftet.

#### *Unverträgliche Materialien:*

Starke Säuren, starke Basen, starke Oxidationsmittel und starke Reduktionsmittel.

### 7.3. Spezifische Endanwendungen

Dieses Produkt sollte nur für Anwendungen in Abschnitt 1.2 verwendet werden.

## ABSCHNITT 8: BEGRENZUNG UND ÜBERWACHUNG DER EXPOSITION/PERSÖNLICHE SCHUTZAUSRÜSTUNGEN

### 8.1. Zu überwachende Parameter

Aluminium oxide  
Kurzzeitwert (15 Minuten) (mg/m<sup>3</sup>): 10 A  
Arbeitsplatzgrenzwert (8 Stunden) (mg/m<sup>3</sup>): 5 A

Isopropylalkohol  
 Kurzzeitwert (15 Minuten) (mg/m<sup>3</sup>): 2000  
 Kurzzeitwert (15 Minuten) (ppm): 800  
 Arbeitsplatzgrenzwert (8 Stunden) (mg/m<sup>3</sup>): 500  
 Arbeitsplatzgrenzwert (8 Stunden) (ppm): 200

Ethanol;Ethylalkohol  
 Kurzzeitwert (15 Minuten) (mg/m<sup>3</sup>): 3800  
 Kurzzeitwert (15 Minuten) (ppm): 2000  
 Arbeitsplatzgrenzwert (8 Stunden) (mg/m<sup>3</sup>): 1900  
 Arbeitsplatzgrenzwert (8 Stunden) (ppm): 1000

2-Phenoxyethanol  
 Kurzzeitwert (15 Minuten) (mg/m<sup>3</sup>): 110  
 Kurzzeitwert (15 Minuten) (ppm): 20  
 Arbeitsplatzgrenzwert (8 Stunden) (mg/m<sup>3</sup>): 110  
 Arbeitsplatzgrenzwert (8 Stunden) (ppm): 20  
 Bemerkungen:  
 H = Besondere Gefahr der Hautresorption

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**DNEL**

2-Phenoxyethanol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig - Systemische Auswirkungen	Dermal	10,42 mg/kg
Langfristig - Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	20,83 mg/kg
Langfristig - Systemische Auswirkungen - Arbeiter	Dermal	34.72 mg/kg/Tag
Langfristig - Örtliche Auswirkungen - Arbeiter	Inhalation	5,7 mg/m <sup>3</sup>
Langfristig - Systemische Auswirkungen	Inhalation	2,41 mg/m <sup>3</sup>
Langfristig - Systemische Auswirkungen - Arbeiter	Inhalation	5,7 mg/m <sup>3</sup>
Langfristig - Systemische Auswirkungen - Arbeiter	Inhalation	8.07 mg/m <sup>3</sup>
Langfristig	Oral	9,23 mg/kg

Ethanol;Ethylalkohol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig - Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	206 mg/kg/Tag
Langfristig - Systemische Auswirkungen - Arbeiter	Dermal	343 mg/kg/Tag
Kurzfristig - Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	950 mg/m <sup>3</sup>
Kurzfristig - Örtliche Auswirkungen - Arbeiter	Inhalation	1900 mg/m <sup>3</sup>
Langfristig - Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	114 mg/m <sup>3</sup>
Langfristig - Systemische Auswirkungen - Arbeiter	Inhalation	380 mg/m <sup>3</sup>
Langfristig - Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	87 mg/kg/Tag

Isopropylalkohol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig - Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	319 mg/kg
Langfristig - Systemische Auswirkungen - Arbeiter	Dermal	888 mg/m <sup>3</sup>
Langfristig - Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	89 mg/m <sup>3</sup>
Langfristig - Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	89 mg/m <sup>3</sup>

Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	500 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	26 mg/kg

## PNEC

### 2-Phenoxyethanol

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		1,26 mg/kg
Kläranlagen		24,8 mg/L
Kläranlagen	Einzel	36 mg/L
Seewasser		0,0943 mg/L
Seewassersedimente		0,7237 mg/kg
Süßwasser		0,943 mg/L
Süßwassersedimente		7.2366 mg/kg

### Ethanol; Ethylalkohol

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		630 µg/kg
Kläranlagen		580 mg/L
Prädatoren		380-720 mg/kg
Pulsierende Freisetzung (Süßwasser)		2,75 mg/L
Seewasser		790 µg/L
Seewassersedimente		2,9 mg/kg
Süßwasser		960 µg/L
Süßwassersedimente		3,6 mg/kg

### Isopropylalkohol

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		28 mg/kg
Kläranlagen		2251 mg/L
Pulsierende Freisetzung		140,9 mg/L
Seewasser		140,9 mg/L
Seewassersedimente		552 mg/kg
Süßwasser		140,9 mg/L
Süßwassersedimente		552 mg/kg

## 8.2. Begrenzung und Überwachung der Exposition

Es wird empfohlen die Einhaltung der angegebenen Grenzwerte regelmäßig zu kontrollieren.

### Allgemeine Hinweise:

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

### Expositionsszenarien:

Für dieses Produkt wurden keine Expositionsszenarien implementiert.

### Expositionsgrenzwerte:

Für berufliche Benutzer gelten in Bezug auf die maximalen Expositionskonzentrationen die gesetzlichen Vorschriften zu Arbeitshygiene. Siehe die obigen arbeitshygienische Grenzwerte.

### Zusätzliche Hinweise zur Gestaltung technischer Anlagen:

Dampfbildung muss auf ein Minimum reduziert werden und unter den aktuellen Grenzwerten liegen (siehe oben). Wenn der reguläre Luftstrom im Arbeitsraum nicht ausreichend ist, wird die Installation eines lokalen Abluftsystems empfohlen. Not- und Augenduschen müssen deutlich gekennzeichnet sind. Es gelten die üblichen Vorkehrungsmaßnahmen bei der Verwendung des Produkts. Einatmen von Dämpfen

vermeiden.

**Hygienemaßnahmen:**

Bei jeder Pause in der Produktnutzung und bei Ende der Arbeiten sind exponierte Körperteile zu waschen. Besonders auf Hände, Unterarme und Gesicht achten.

**Begrenzung der Umweltextposition:**

Keine besonderen Anforderungen.

**Individuelle Schutzmaßnahmen**

**Allgemeine Schutzmaßnahmen:**

Nur Schutzausrüstung mit CE-Kennzeichnung verwenden.

**Atemschutz:**

Typ	Klasse	Farbe	Normen
Keine Besonderheiten bei normal vorgesehenem Gebrauch.			

**Körperschutz:**

Empfohlen	Typ/Kategorien	Normen
Keine Besonderheiten bei normal vorgesehenem Gebrauch.	-	-

**Handschutz:**

Arbeitssituation	Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen
	Keine Besonderheiten bei normal vorgesehenem Gebrauch	-	-	-
Im Falle längere Exposition oder bei hoher Konzentration	Baumwolle / Nitrilkautschuk	-	> 240	EN374-2, EN16523-1, EN388



**Augenschutz:**

Typ	Normen
Keine Besonderheiten bei normal vorgesehenem Gebrauch.	-

**ABSCHNITT 9: PHYSIKALISCHE UND CHEMISCHE EIGENSCHAFTEN**

**9.1. Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften**

**Form:**

Flüssig

**Farbe:**

Weiß

**Geruch / Geruchsschwelle (ppm):**

Parfümiert

**pH:**

ca. 9

*Dichte (g/cm<sup>3</sup>):*  
1,06 (20 °C)

*Kinematische Viskosität:*  
Es liegen keine Daten vor.

*Dynamische Viskosität:*  
ca 1000 mPa.s (20 °C)

*Partikeleigenschaften:*  
Gilt nicht für Flüssigkeiten.

### **Zustandsänderungen**

*Schmelzpunkt/Gefrierpunkt (°C):*  
Es liegen keine Daten vor.

*Erweichungspunkt/ -bereich (°C):*  
Gilt nicht für Flüssigkeiten.

*Siedepunkt (°C):*  
Es liegen keine Daten vor.

*Dampfdruck:*  
Es liegen keine Daten vor.

*Relative Dampfdichte:*  
Es liegen keine Daten vor.

*Zersetzungstemperatur (°C):*  
Es liegen keine Daten vor.

### **Explosions und Feuer Daten**

*Flammpunkt (°C):*  
Es liegen keine Daten vor.

*Entzündbarkeit (°C):*  
Es liegen keine Daten vor.

*Zündtemperatur (°C):*  
Es liegen keine Daten vor.

*Explosionsgrenzen (% v/v):*  
Es liegen keine Daten vor.

### **Löslichkeit**

*Löslichkeit in Wasser:*  
Es liegen keine Daten vor.

*n-Octanol/Wasser Verteilungskoeffizient (LogKow):*  
Es liegen keine Daten vor.

*Löslichkeit in Fett (g/L):*  
Es liegen keine Daten vor.

### **9.2. Sonstige Angaben**

*Weitere physikalische und chemische Parameter:*  
Es liegen keine Daten vor.

*Brandfördernde Eigenschaften:*  
Es liegen keine Daten vor.

## **ABSCHNITT 10: STABILITÄT UND REAKTIVITÄT**

### **10.1. Reaktivität**

Es liegen keine Daten vor.

### **10.2. Chemische Stabilität**

Das Produkt ist unter den in Abschnitt 7 aufgeführten Bedingungen stabil.

### 10.3. Möglichkeit gefährlicher Reaktionen

Keine bekannt.

### 10.4. Zu vermeidende Bedingungen

Keine bekannt.

### 10.5. Unverträgliche Materialien

Starke Säuren, starke Basen, starke Oxidationsmittel und starke Reduktionsmittel.

### 10.6. Gefährliche Zersetzungsprodukte

Unter normalen Lagerungs- und Verwendungsbedingungen sollten keine gefährlichen Zersetzungsprodukte entstehen.

## ABSCHNITT 11: TOXIKOLOGISCHE ANGABEN

### 11.1. Angaben zu den Gefahrenklassen im Sinne der Verordnung (EG) Nr. 1272/2008

#### Akute Toxizität

Produkt / Substanz	Aluminium oxide
Spezies:	Ratte
Expositionswegen:	Inhalation
Test:	LC50
Ergebnis:	> 5 mg/L

Produkt / Substanz	Aluminium oxide
Spezies:	Ratte
Expositionswegen:	Oral
Ergebnis:	> 5000 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	>2000 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	>2000 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Ratte
Expositionswegen:	Inhalation
Test:	LC50
Ergebnis:	>20

Produkt / Substanz	Isopropylalkohol
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	5849 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	5840 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50

Ergebnis: 12800 mg/kg

Produkt / Substanz: Isopropylalkohol  
Expositionswegen: Inhalation  
Test: LC50  
Ergebnis: 301002 mg/L

Produkt / Substanz: 2-Phenoxyethanol  
Spezies: Ratte  
Expositionswegen: Oral  
Test: LD50  
Ergebnis: 1840 mg/kg

Produkt / Substanz: 2-Phenoxyethanol  
Spezies: Kaninchen  
Expositionswegen: Dermal  
Ergebnis: >5000 mg/kg

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Ätz-/Reizwirkung auf die Haut

Produkt / Substanz: Isopropylalkohol  
Prüfmethode: OECD 404  
Spezies: Kaninchen  
Prüfdauer: 4 hours

Produkt / Substanz: 2-Phenoxyethanol  
Ergebnis: Schädliche Wirkungen beobachtet (Ätzend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Schwere Augenschädigung/-reizung

Produkt / Substanz: Aluminium oxide

Produkt / Substanz: Isopropylalkohol  
Spezies: Kaninchen  
Ergebnis: Schädliche Wirkungen beobachtet (Reizend)

Produkt / Substanz: Isopropylalkohol  
Prüfmethode: OECD 405  
Spezies: Kaninchen  
Ergebnis: Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Produkt / Substanz: 2-Phenoxyethanol  
Ergebnis: Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Sensibilisierung der Atemwege

Produkt / Substanz: Isopropylalkohol  
Prüfmethode: OECD 406  
Spezies: Meerschweinchen  
Ergebnis: Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Sensibilisierung der Haut

Produkt / Substanz: Isopropylalkohol  
Spezies: Meerschweinchen  
Ergebnis: Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Keimzell-Mutagenität

Produkt / Substanz: Isopropylalkohol

Ergebnis: Keine schädlichen Wirkungen beobachtet

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

**Karzinogenität**

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

**Reproduktionstoxizität**

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

**Spezifische Zielorgan-Toxizität bei einmaliger Exposition**

Produkt / Substanz Isopropylalkohol  
Expositionswegen: Oral

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

**Spezifische Zielorgan-Toxizität bei wiederholter Exposition**

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

**Aspirationsgefahr**

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

**11.2. Angaben über sonstige Gefahren**

**Zusätzliche toxikologische Hinweise**

Keine bekannt.

**Endokrinschädlichen Eigenschaften**

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Gesundheit hormonstörende Eigenschaften aufweisen.

**Sonstige Angaben**

Isopropylalkohol: Der Stoff wurde von der IARC in Gruppe 3 eingestuft.

**ABSCHNITT 12: UMWELTBEZOGENE ANGABEN**

**12.1. Toxizität**

Produkt / Substanz Isopropylalkohol  
Spezies: Fisch, Goudwinde (Leuciscus idus)  
Prüfdauer: 48 Stunden  
Test: LC50  
Ergebnis: >100 mg/L

Produkt / Substanz Isopropylalkohol  
Spezies: Krustentier, Daphnia magna  
Prüfdauer: 48 Stunden  
Test: EC50  
Ergebnis: >100 mg/L

Produkt / Substanz Isopropylalkohol  
Spezies: Algen, Scenedesmus subspicatus  
Prüfdauer: 72 Stunden  
Test: EC50  
Ergebnis: >100 mg/L

Produkt / Substanz 2-Phenoxyethanol  
Spezies: Fisch  
Prüfdauer: 96 Stunden  
Test: LC50  
Ergebnis: >100 mg/L

Produkt / Substanz 2-Phenoxyethanol  
Spezies: Algen  
Prüfdauer: 72 Stunden  
Test: ErC50

Ergebnis: >100 mg/L

Produkt / Substanz 2-Phenoxyethanol  
Spezies: Daphnia magna  
Prüfdauer: 48 Stunden  
Test: EC50  
Ergebnis: >100 mg/L

Produkt / Substanz 2-Phenoxyethanol  
Spezies: Fisch  
Test: NOEC  
Ergebnis: 23 mg/L

Produkt / Substanz 2-Phenoxyethanol  
Spezies: Andere waterorganismen  
Prüfdauer: 30 minutes  
Test: EC50  
Ergebnis: >1000 mg/L

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### 12.2. Persistenz und Abbaubarkeit

Produkt / Substanz Isopropylalkohol  
Ergebnis: 95%  
Ergebnis: Leichte biologische Abbaubarkeit  
Test: OECD 301 E

Produkt / Substanz 2-Phenoxyethanol  
Ergebnis: >70  
Ergebnis: Leichte biologische Abbaubarkeit  
Test: OECD 301 A

#### 12.3. Bioakkumulationspotenzial

Produkt / Substanz Isopropylalkohol  
BCF: <100  
LogKow: <3  
Ergebnis: -

Produkt / Substanz 2-Phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Ergebnis: -

#### 12.4. Mobilität im Boden

Es liegen keine Daten vor.

#### 12.5. Ergebnisse der PBT- und vPvB-Beurteilung

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

#### 12.6. Endokrinschädlichen Eigenschaften

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Umwelt endokrinschädigende Eigenschaften aufweisen.

#### 12.7. Andere schädliche Wirkungen

Keine bekannt.

## ABSCHNITT 13: HINWEISE ZUR ENTSORGUNG

#### 13.1. Verfahren der Abfallbehandlung

Das Produkt fällt nicht unter die Regeln für gefährliche Abfälle.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

Abfallschlüsselnr. (EWC):

20 01 30 Reinigungsmittel mit Ausnahme derjenigen, die unter 20 01 29 fallen

### Ungereinigte Verpackungen

Verpackungen mit Produktrückständen sind nach den gleichen Bedingungen zu entsorgen, wie das Produkt selbst.

## ABSCHNITT 14: ANGABEN ZUM TRANSPORT

	14.1 UN	14.2 Ordnungsgemäße UN- Versandbezeichnung	14.3 Transportgefahrenklassen	14.4 PG*	14.5. Env**	Weitere Angaben:
ADR	1950	AEROSOLS	Transportgefahren-klassen: 2 Gefahrzettel: 2.2 Klassifizierungscode: 5A	-	Nein	Begrenzte Mengen: 1 L Tunnelbesch ränkungscode: 3 (E) Nähere Informatione n siehe unten.
IMDG	1950	AEROSOLS	Transportgefahren-klassen: 2 Gefahrzettel: 2.2 Klassifizierungscode: 5A	-	Nein	Begrenzte Mengen: 1 L EmS: F-D S-U Nähere Informatione n siehe unten.
IATA	1950	AEROSOLS	Transportgefahren-klassen: 2 Gefahrzettel: 2.2 Klassifizierungscode: 5A	-	Nein	Nähere Informatione n siehe unten.

\* Verpackungsgruppe

\*\* Umweltgefahren

#### Anderes

Das Produkt fällt unter die Gefahrgutkonventionen.

ADR / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle A, Abschnitt 3.2.1. Schriftliche Anweisungen zur Schadensvermeidung bei transportbezogenen Un- oder Zwischenfällen siehe Abschnitt 5.4.3.

IMDG / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Abschnitt 3.2.1.

IATA / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle 4.2.

#### 14.6. Besondere Vorsichtsmaßnahmen für den Verwender

Nicht zutreffend.

#### 14.7. Massengutbeförderung auf dem Seeweg gemäß IMO-Instrumenten

Es liegen keine Daten vor.

## ABSCHNITT 15: RECHTSVORSCHRIFTEN

### 15.1. Vorschriften zu Sicherheit, Gesundheits- und Umweltschutz/spezifische Rechtsvorschriften für den Stoff

## oder das Gemisch

### *Nutzungsbeschränkungen:*

Nur für gewerbliche Anwender.

### *Bedarf für spezielle Schulung:*

Keine besonderen Anforderungen.

### *Der Störfallverordnung - Gefahrenkategorien / Namentlich aufgeführte gefährliche Stoffe:*

Nicht zutreffend.

### *REACH, Anhang XVII:*

Isopropylalkohol unterliegt den REACH-Beschränkungen (Eintrag Nr. 40).

Ethanol; Ethylalkohol unterliegt den REACH-Beschränkungen (Eintrag Nr. 40).

### *Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:*

< 5%

- Anionische Tenside
- Nichtionische tenside
- Duftstoffe
- Konservierungsmittel (PHENOXYETHANOL)

### *WGK-Einstufung:*

Wassergefährdungsklasse: WGK 1

### *Anderes:*

Nicht zutreffend.

### *Verwendete Quellen:*

Mutterschutzgesetz 1979 – MSchG, letzte Änderung mit BGBl. I nr. 160/2020.

VERORDNUNG (EG) Nr. 648/2004 des Europäischen Parlaments und des Rates vom 31. März 2004 über Detergenzien.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

VERORDNUNG (EG) Nr. 1272/2008 des Europäischen Parlaments und des Rates vom 16. Dezember 2008 über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen (CLP).

Verordnung (EG) Nr. 1907/2006 des Europäischen Parlaments und des Rates vom 18. Dezember 2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe (REACH).

## 15.2. Stoffsicherheitsbeurteilung

Nein

## ABSCHNITT 16: SONSTIGE ANGABEN

### H-Sätze (Abschnitt 3)

H225, Flüssigkeit und Dampf leicht entzündbar.

H302, Gesundheitsschädlich bei Verschlucken.

H318, Verursacht schwere Augenschäden.

H319, Verursacht schwere Augenreizung.

H335, Kann die Atemwege reizen.

H336, Kann Schläfrigkeit und Benommenheit verursachen.

### Abkürzungen und Akronyme

ADN = Europäisches Übereinkommen über die internationale Beförderung von gefährlichen Gütern auf Binnenwasserstrassen

ADR = Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Strasse

ak = andere kontrollpflichtige Abfälle

akb = andere kontrollpflichtige Abfälle mit Begleitscheinpflicht

ATE = Schätzwert akute Toxizität

BCF = Biokonzentrationsfaktor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (Europäische Konformität)

CLP = Verordnung über die Einstufung, Kennzeichnung und Verpackung [Verordnung (EG) Nr. 1272/2008]

CSA = Stoffsicherheitsbeurteilung

CSR = Stoffsicherheitsbericht

DMEL = Abgeleiteter Minimaler-Effekt-Grenzwert

DNEL = Abgeleiteter Nicht-Effekt-Grenzwert  
EAK = Europäischer Abfallkatalog  
EINECS = Altstoffverzeichnis  
ES = Expositionsszenario EUH-Satz = CLP-spezifischer Gefahrenhinweis  
EuPCS = Europäisches Produktkategorisierungssystem  
GHS = Global harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien  
GWP = Potenzial zur Erwärmung der Erdatmosphäre  
IATA = Internationale Flug-Transport-Vereinigung  
IBC = Intermediate Bulk Container  
IMDG = Gefährliche Güter im internationalen Seeschiffsverkehr  
LogPow = Dekadischer Logarithmus des Oktanol-Wasser-Verteilungskoeffizienten  
MARPOL = Internationales Übereinkommen von 1973 zur Verhütung der Meeresverschmutzung durch Schiffe in der Fassung des Protokolls von 1978. ("Marpol" = marine pollution)  
nwg = Nicht wassergefährdend  
OECD = Organisation für wirtschaftliche Zusammenarbeit und Entwicklung  
PBT = Persistent, bioakkumulierbar und toxisch  
PNEC = Abgeschätzte Nicht-Effekt-Konzentration  
RID = Regelung zur internationalen Eisenbahnbeförderung gefährlicher Güter  
RRN = REACH Registriernummer  
S = Sonderabfälle  
SCL = Spezifischen Konzentrationsgrenzwert.  
SVHC = Besonders besorgniserregende Substanzen  
STOT-RE = Spezifische Zielorgan-Toxizität - Wiederholte Exposition  
STOT-SE = Spezifische Zielorgan-Toxizität - Einmalige Exposition  
UN = Vereinigte Nationen  
UVCB = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.  
VOC = Flüchtige organische Verbindungen  
vPvB = Sehr persistent und sehr bioakkumulierbar  
WGK = Wassergefährdungsklasse

**Anderes**

Nicht zutreffend.

**Sicherheitsdatenblatt abgenommen durch**

Quality & Compliance

**Anderes**

Änderungen im Verhältnis zur letzten umfassenden Revision (erste Ziffer in der SDS-Version, s. Abschnitt 1) dieses Sicherheitsdatenblatts sind mit einem Dreieck markiert.

Angaben in diesem Sicherheitsdatenblatt gelten nur für das Produkt in Abschnitt 1 und gelten nicht unbedingt bei Einsatz zusammen mit anderen Produkten.

Es wird empfohlen, dem tatsächlichen Produktbenutzer dieses Sicherheitsdatenblatt auszuhändigen. Die erwähnten Angaben sind nicht als Produktspezifikation zu verwenden.

Land-sprache: AT-de

## SAFETY DATA SHEET

# i.26 kitchen polish (Alu-Air)

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

26/5/2025

*SDS Version:*

1.0

### 1.4. Emergency telephone number

In an emergency call 000

In less severe situations call the Poisons Information Centre: 13 11 26 (Available 24/7 from anywhere in Australia)  
See section 4 "First aid measures".

## SECTION 2: HAZARDS IDENTIFICATION

This material is considered hazardous according to the Work Health and Safety Regulations.

### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

### 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

**Hazard statement(s):**

Pressurised container: May burst if heated. (H229)

**Precautionary statement(s):**

**General:**

-

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

**Response:**

-

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

**Disposal:**

-

**Hazardous substances:**

Does not contain any substances required to report

**Additional labelling:**

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

**General information:**

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet.  
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation:**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact:**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion:**

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

**Burns:**

Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medic**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

**5.1. Extinguishing media**

Not applicable.

**5.2. Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure call the NSW Poisons Information Centre on 13 11 26 (Available 24/7) in order to obtain further advice.

Hazchem Code: None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**6.3. Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not pierce or burn, even after use.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Keep only in original packaging.

*Storage conditions:*

Dry, cool and well ventilated

*Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Aluminium oxide

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10

isopropyl alcohol

Long term exposure limit (8 hours) (ppm): 400

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 983

Short term exposure limit (15 minutes) (ppm): 500

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 1230

ethanol;ethyl alcohol

Long term exposure limit (8 hours) (ppm): 1000

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1880

Workplace exposure standards for airborne contaminants (Safe Work Australia). (January 2024)

### 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

*Appropriate technical measures:*

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

**Hygiene measures:**

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

**Measures to avoid environmental exposure:**

No specific requirements.

**Individual protection measures, such as personal protective equipment**

**Generally:**

Use only protective equipment that carries the RCM symbol.

**Respiratory Equipment:**

Type	Class	Colour	Standards
No special when used as intended.			

**Skin protection:**

Recommended	Type/Category	Standards
No special when used as intended.	-	-

**Hand protection:**

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
	No special when used as intended	-	-	-
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388



**Eye protection:**

Type	Standards
No special when used as intended.	-

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Form:**

Liquid

**Colour:**

White

**Odour:**

Of perfume

**Odour threshold (ppm):**

No data available.

**pH:**

ca. 9

**Density (g/cm<sup>3</sup>):**

1.06 (20 °C)

**Kinematic viscosity:**

No data available.

**Dynamic viscosity:**

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

#### **Phase changes**

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

#### **Data on fire and explosion hazards**

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Explosion limits (% v/v):*

No data available.

#### **Solubility**

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

#### **9.2. Other information**

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

No data available.

#### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **10.3. Possibility of hazardous reactions**

None known.

#### **10.4. Conditions to avoid**

None known.

#### **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Acute toxicity**

Product/substance Aluminium oxide  
Species: Rat  
Route of exposure: Inhalation  
Test: LC50  
Result: > 5 mg/L

Product/substance Aluminium oxide  
Species: Rat  
Route of exposure: Oral  
Result: > 5000 mg/kg

Product/substance isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: >2000 mg/kg

Product/substance isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: >2000 mg/kg

Product/substance isopropyl alcohol  
Species: Rat  
Route of exposure: Inhalation  
Test: LC50  
Result: >20

Product/substance isopropyl alcohol  
Route of exposure: Oral  
Test: LD50  
Result: 5849 mg/kg

Product/substance isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 5840 mg/kg

Product/substance isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: 12800 mg/kg

Product/substance isopropyl alcohol  
Route of exposure: Inhalation  
Test: LC50  
Result: 301002 mg/L

Product/substance 2-phenoxyethanol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 1840 mg/kg

Product/substance 2-phenoxyethanol  
Species: Rabbit  
Route of exposure: Dermal  
Result: >5000 mg/kg

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Product/substance isopropyl alcohol  
Test method: OECD 404  
Species: Rabbit  
Duration: 4 hours

Product/substance 2-phenoxyethanol  
Result: Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Product/substance Aluminium oxide

Product/substance isopropyl alcohol  
Species: Rabbit  
Result: Adverse effect observed (Irritating)

Product/substance isopropyl alcohol  
Test method: OECD 405  
Species: Rabbit  
Result: Adverse effect observed (Causes serious eye damage)

Product/substance 2-phenoxyethanol  
Result: Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Product/substance isopropyl alcohol  
Test method: OECD 406  
Species: Guinea pig  
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Product/substance isopropyl alcohol  
Species: Guinea pig  
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Product/substance isopropyl alcohol  
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.  
isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Product/substance isopropyl alcohol  
Route of exposure: Oral

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

None known.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

Product/substance isopropyl alcohol  
Species: Fish, Goudwinde (*Leuciscus idus*)  
Duration: 48 hours  
Test: LC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Crustacean, *Daphnia magna*  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, *Scenedesmus subspicatus*  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: *Daphnia magna*  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC  
Result: 23 mg/L

Product/substance 2-phenoxyethanol

Species: Andere waterorganismen  
Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

### 12.3. Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0,349  
LogKow: 1.2  
Conclusion: -

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

Product is not covered by regulations on dangerous waste.

### Specific labelling

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E)

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
						See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S- U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

#### Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

Hazchem Code: None

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*Control of major hazard facilities:*

Not applicable.

*Additional information:*

Not applicable.

*The Australian Inventory of Industrial Chemicals (AIIC):*

Aluminium oxide is listed  
isopropyl alcohol is listed  
ethanol;ethyl alcohol is listed  
2-phenoxyethanol is listed

*Sources:*

Model Work Health and Safety Regulations as at 1 January 2021.

## 15.2. Chemical safety assessment

No

## SECTION 16: OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.  
H302, Harmful if swallowed.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H335, May cause respiratory irritation.  
H336, May cause drowsiness or dizziness.

### The full text of identified uses as mentioned in section 1

None known.

### Abbreviations and acronyms

ADG = The Australian Code for the Transport of Dangerous Goods by Road & Rail  
AICIS = Australian Industrial Chemicals Introduction Scheme  
AIIC = Australian Inventory of Industrial Chemicals  
AS = Australian Standard  
AS/NZS = Australian New Zealand Standard  
ATE = Acute Toxicity Estimate  
AUH = Hazard statements specific for Australia  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
EINECS = European Inventory of Existing Commercial chemical Substances  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
Hazchem = Hazardous chemicals  
IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NICNAS = National Industrial Chemicals Notification and Assessment Scheme (replaced by AICIS since 2020)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
RCM = Regulatory Mark of Conformity  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
SCL = A specific concentration limit  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative  
WHS = Work Health and Safety Regulations

### Additional information

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: AU-en

## БЕЗБЕДНОСНИ ЛИСТ

# i.26 kitchen polish (Alu-Air)

## ПОГЛАВЉЕ 1. ИДЕНТИФИКАЦИЈА ХЕМИКАЛИЈЕ И ПОДАЦИ О ЛИЦУ КОЈЕ СТАВЉА ХЕМИКАЛИЈУ У ПРОМЕТ

### 1.1. Идентификација хемикалије

*Комерцијално име:*

i.26 kitchen polish (Alu-Air)

### 1.2. Идентификовани начини коришћења хемикалије и начини коришћења који се не препоручују

*Употреба материјала/смеше:*

Детерџенти и средства за чишћење (укључујући и оне на бази растварача)  
Дозвољено само за професионално коришћење.

*Употребе које се не препоручују:*

Нема познатих.

### 1.3. Подаци о снабдевачу

*Компанија и адреса:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*Електронска адреса:*

info@hygeniq.com

*Датум безбедносног листа:*

26.5.2025.

*Верзија безбедносног листа:*

1.0

### 1.4. Број телефона за хитне случајеве

Телефонски број хитне помоћ: 124  
Такође погледајте поглавље 4 за мере прве помоћи.

## ПОГЛАВЉЕ 2. ИДЕНТИФИКАЦИЈА ОПАСНОСТИ

Classified according to the Regulation on Classification, Labeling and Packaging of Chemicals.

### 2.1. Класификација хемикалије

Aerosol 3; H229, Посуда под притиском: може се распрснути, ако се загрева.

### 2.2. Елементи обележавања

*Пиктограм опасности:*

Није применљиво.

*Реч упозорења:*

Пажња

*Обавештење о опасности:*

Посуда под притиском: може се распрснути, ако се загрева. (H229)

*Обавештење о мерама предострожности:*

*Опште:*

-

*Превенција:*

Држати даље од топлоте, врућих површина, варница, отвореног пламена и других извора паљења.

Забрањено пушење. (P210)

Не пробијати, нити палити, чак ни након употребе. (P251)

*Реаговање:*

-

*Складиштење:*

Заштитити од сунчеве светлости. Не излагати температурама вишим од 50°C / 122°F. (P410+P412)

*Одлагање:*

-

*Опасне материје:*

Не садржи никакве супстанце које је потребно пријавити

*Додатно обавештење о опасности:*

UFI: 8YFR-ND5E-MUMG-2XW1

*Означаваније садржана према ПРАВИЛНИК о детергентима:*

< 5%

· Анјонски сурфактанти

· Нејонски сурфактанти

· Мириси

· Конзерванси (PHENOXYETHANOL)

### 2.3. Остале опасности

*Додатна упозорења:*

Ова смеша/производ не садржи супстанце за које се сматра да испуњавају критеријуме да буду класификовани као ПБТ и/или ВПВБ.

Овај производ не садржи материје које се сматрају ендокриним дисрупторима у складу са критеријумима наведеним у Делегираној уредби Комисије (ЕУ) 2017/2100 или Уредби Комисије (ЕУ) 2023/707.

## ПОГЛАВЉЕ 3. САСТАВ / ПОДАЦИ О САСТОЈЦИМА

### 3.1. Подаци о састојцима супстанце

Није применљиво. Овај производ је микстура.

### 3.2. Подаци о састојцима смеше

Хемијски назив	CAS / EC / индекса / REACH број	% w/w	Класификација	Напомена
Isopropylalcohol	CAS бр.: 67-63-0 EC бр.: 200-661-7 REACH: Индекс бр. : 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol, ethyl alcohol	CAS бр.: 64-17-5 EC бр.: 200-578-6 REACH: Индекс бр. : 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS бр.: 122-99-6 EC бр.: 204-589-7 REACH: 01-2119488943-21	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318	

	Индекс бр. : 603-098-00-9		STOT SE 3, H335	
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Погледајте потпуни текст X-израза у поглавље 16. Границе изложености током рада наведене су у поглавље 8, ако су доступне.

#### Остали подаци

-

## ПОГЛАВЉЕ 4. МЕРЕ ПРВЕ ПОМОЋИ

### 4.1. Опис мера прве помоћи

#### Опште информације:

Уколико је дисање неправилно, и јавља се поспаност, губитак свести или грчеви: Позовите 124 и одмах почните са мерама помоћи (прва помоћ).

Ако имате сумње у вези са стањем повређене особе или ако симптоми потрају, обратите се лекару. Никад несвесној особи немојте давати воду или неко друго пиће.

#### После удисања:

Потешкоће са дисањем или иритација дисајних путева: Изведите особу на свез ваздух и останите уз њу.

#### У додиру са кожом:

Одмах скините контаминирану одећу и обућу. Обавезно темелјно оперете изложену кожу водом и сапуном . Може се користити средство за чишћење коже. НЕ користите раствараче или разређиваче.

#### Након контакта са очима:

АКО ДОСПЕ У ОЧИ: Испирајте очи водом или сланом водом (20-30 °Ц) најмање 5 минута. Изведите контактна сочива. Потражите помоћ лекара и наставите са испирањем током транспорта.

#### Након гутања:

Ако је особа при свести, исперите уста водом и останите уз особу. У случају слабости, одмах потражите лекарску помоћ и донесите безбедносни лист или етикету са производа. Не изазивајте повраћање, осим ако то лекар не препоручи. Жртва би требало да се нагне напред са главом окренутом на доле како би избегла удисање или гушење садржајем повраћања.

#### Сагоревање:

Није применљиво.

### 4.2. Најважнији симптоми и ефекти, акутни и одложени

Нема познатих.

### 4.3. Хитна медицинска помоћ и посебан третман

Третирајте симптоматски.

### Информације за здравствене раднике

Донесите безбедносно упутство .

## ПОГЛАВЉЕ 5. МЕРЕ ЗА ГАШЕЊЕ ПОЖАРА

### 5.1. Средства за гашење пожара

Није применљиво.

### 5.2. Посебне опасности које могу настати од супстанци и смеша

Посуда под притиском. У случају пожара или ако се загреје, доћи ће до повећања притиска и посуда може да пукне.

Пожар ће довести до стварања густог дима. Излаганје запаливим производима може наштетити вашем здрављу. Затворене посуде изложене ватри требало би охладити водом. Не дозволите да вода за гашење пожара доспе у канализацију и оближње површинске токове.

Уколико је производ изложен високим температурама, нпр. у случају пожара, настају опасна јединиња као резултат његовог распадања. То су:

Угљени оксиди (CO / CO2)

Неки метални оксиди

### 5.3. Савет за ватрогасце

Носите самостални апарат за дисање и заштитну одјећу ради спрјечавања контакта. Након директног излагања позовите 124 (24 сата дневно) ради добивања додатних савјета.

## ПОГЛАВЉЕ 6. МЕРЕ У СЛУЧАЈУ УДЕСА

### 6.1. Личне предострожности, заштитна опрема и поступци у случају удеса

Осигурајте адекватну вентилацију, посебно у затвореним просторима.  
Контаминирани простор може бити клизав.

### 6.2. Предострожности које се односе на животну средину

Избегавајте испуштање у језера, потоке, канализације итд.  
Неовлашћене особе држите подаље од изливања.

### 6.3. Мере које треба предузети и материјал за спречавање ширења и санацију

Користите песак, земљу, вермикулит, диятомейску земљу да бисте задржали и купили незапалјиве упијајуче материјале и ставите у контејнер за одлагање, у складу са локалним прописима.  
Чишћење се у мери у којој је то могуће обавља нормалним средствима за чишћење. Избегавајте употребу растварача.

### 6.4. Упућивање на друга поглавља

Погледајте поглавље 13 „Одлагање“ у вези са поступком за отпад.  
За заштитне мере погледајте поглавље 8 „Контрола изложености и лична заштита“.

## ПОГЛАВЉЕ 7. РУКОВАЊЕ И СКЛАДИШТЕЊЕ

### 7.1. Предострожности за безбедно руковање

Не пробијати, нити палити, чак ни након употребе.  
Пушење, и конзумирање хране и пића нису дозвољени у радном простору.  
За информације о личној заштити погледајте поглавље „Контрола изложености и лична заштита“.

### 7.2. Услови за безбедно складиштење, укључујући некомпатибилности

Чувати у добро затвореним посудама и заштићено од влаге и светлости. Посуде би требало датирати када се отворе и периодично тестирати на присуство пероксида. Не прекорачите временске оквири складиштења.  
Отворени контејнери се морају пажљиво затворити и држати исправно како би се спречило цурење.

*Препоручени материјал за складиштење:*

Чувати само у оригиналној амбалажи.

*Температура складиштења:*

Суво, хладно и добро проветравано

*Некомпатибилни материјали:*

Јаке киселине, јаке базе, јака оксидациона средства и јака редуциона средства.

### 7.3. Посебни начини коришћења

Овај производ би требало користити само за примене наведене у поглавље 1.2

## ПОГЛАВЉЕ 8. КОНТРОЛА ИЗЛОЖЕНОСТИ И ЛИЧНА ЗАШТИТА

### 8.1. Параметри контроле изложености

Aluminium oxide

Гранична вредност изложености на радном месту (ГВИ) (mg/m<sup>3</sup>): 10 U / 4 R

Isopropylalcohol

Гранична вредност изложености на радном месту (ГВИ) (mg/m<sup>3</sup>): 999

Гранична вредност изложености на радном месту (ГВИ) (ppm): 400

Краткотрајна гранична вредност изложености (КГВИ) (mg/m<sup>3</sup>): 1250

Краткотрајна гранична вредност изложености (КГВИ) (ppm): 500

Ethanol, ethyl alcohol

Гранична вредност изложености на радном месту (ГВИ) (mg/m<sup>3</sup>): 1900

Гранична вредност изложености на радном месту (ГВИ) (ppm): 1000

Правилник о превентивним мјерама за безбједан и здрав рад при излагању хемијским материјама (Службени гласник Републике Српске, број 4/20)

## DNEL

2-phenoxyethanol

Трајање:	Пут експозиције:	DNEL:
Дугорочно - Системски	Дерматолошки	10,42 mg/kg
Дугорочно - Системски - Потрошач	Дерматолошки	20,83 mg/kg
Дугорочно - Системски - Радник	Дерматолошки	34.72 mg/kg/дан
Дугорочно - Локално - Радник	Инхалацијски	5,7 mg/m <sup>3</sup>
Дугорочно - Системски	Инхалацијски	2,41 mg/m <sup>3</sup>
Дугорочно - Системски - Радник	Инхалацијски	5,7 mg/m <sup>3</sup>
Дугорочно - Системски - Радник	Инхалацијски	8.07 mg/m <sup>3</sup>
Дугорочно	Орално	9,23 mg/kg

Ethanol, ethyl alcohol

Трајање:	Пут експозиције:	DNEL:
Дугорочно - Системски - Потрошач	Дерматолошки	206 mg/kg/дан
Дугорочно - Системски - Радник	Дерматолошки	343 mg/kg/дан
Акутно - Локално - Потрошач	Инхалацијски	950 mg/m <sup>3</sup>
Акутно - Локално - Радник	Инхалацијски	1900 mg/m <sup>3</sup>
Дугорочно - Системски - Потрошач	Инхалацијски	114 mg/m <sup>3</sup>
Дугорочно - Системски - Радник	Инхалацијски	380 mg/m <sup>3</sup>
Дугорочно - Системски - Потрошач	Орално	87 mg/kg/дан

Isopropylalcohol

Трајање:	Пут експозиције:	DNEL:
Дугорочно - Системски - Потрошач	Дерматолошки	319 mg/kg
Дугорочно - Системски - Радник	Дерматолошки	888 mg/m <sup>3</sup>
Дугорочно - Системски - Потрошач	Инхалацијски	89 mg/m <sup>3</sup>
Дугорочно - Системски - Потрошач	Инхалацијски	89 mg/m <sup>3</sup>
Дугорочно - Системски - Радник	Инхалацијски	500 mg/m <sup>3</sup>
Дугорочно - Системски - Потрошач	Орално	26 mg/kg

## PNEC

2-phenoxyethanol

Пут експозиције:	Трајање изложености:	PNEC:
Морска вода		0.0943 mg/L
Постројењима за пречишћавање отпадних вода		24,8 mg/L
Постројењима за пречишћавање отпадних вода	Пойединачно	36 mg/L
Седимент мора		0,7237 mg/kg
Седимент слатке воде		7.2366 mg/kg
Слатка вода		0,943 mg/L

Тло		1,26 mg/kg
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#### Ethanol, ethyl alcohol

Пут експозиције:	Трајније изложености:	PNEC:
Морска вода		790 µg/L
Периодично ослобађање (слатка вода)		2.75 mg/L
Постројењима за пречишћавање отпадних вода		580 mg/L
Седимент мора		2.9 mg/kg
Седимент слатке воде		3.6 mg/kg
Секундарно тровање		380-720 mg/kg
Слатка вода		960 µg/L
Тло		630 µg/kg

#### Isopropylalcohol

Пут експозиције:	Трајније изложености:	PNEC:
Морска вода		140,9 mg/L
Периодично ослобађање		140,9 mg/L
Постројењима за пречишћавање отпадних вода		2251 mg/L
Седимент мора		552 mg/kg
Седимент слатке воде		552 mg/kg
Слатка вода		140,9 mg/L
Тло		28 mg/kg

## 8.2. Контрола изложености и лична заштита

Поштовање утврђених вредности ограничења излаганя током рада би требало редовно контролисати.

### Опште препоруке:

Пушење, и конзумирање хране и пића нису дозвољени у радном простору.

### Сценарији излаганя:

За овај производ нису имплементирани сценарији изложености.

### Границе излаганя:

Професионални корисници подлежу законски утврђеним максималним концентрацијама излаганя током рада. Погледајте у тексту изнад граничне вредности хигијене на раду.

### Одговарајући технички уређаји за управљање:

Формирање паре мора бити минимално и испод тренутних граничних вредности (види горе). Препоручује се уградња локалног издувног система ако нормалан проток ваздуха у радној соби није довољан. Проверите да ли је испирање очију и туширање у хитним случајевима јасно означено.

Примените стандардне мере предострожности током употребе производа. Избегавајте удисање испарења.

### Хигијенске мере:

Сви изложени делови тела морају да се темелјно оперу у интервалима између употребе производа и на крају радног дана. Обратите посебну пажњу на руке, подлактице и лице.

### Мере спречавања контакта са животном средином:

Нема посебних захтева.

## Опште мере заштите и хигијене

### Генерално:

Користите само заштитну опрему са знаком CE.

### Заштита дисајних путева:

Тип	Класа	Боя	Стандарди
Nema posebnih propisa kada se koristi			

Тип	Класа	Боја	Стандарди
kako je predvidjeno			

**Заштита тела:**

Препоручено	Тип / Категорија	Стандарди
Nema posebnih propisa kada se koristi kako je predvidjeno	-	-

**Заштитне руке:**

Радна ситуација	Материјал	Дебљина рукавице	Време продирања (Минути)	Стандарда
	Nema posebnih propisa kada se koristi kako je predvidjeno	-	-	-
У случају продуженог излагања или високе концентрације	Ратук/Нитрилни каучук	-	> 240	EN374-2, EN16523-1, EN388



**Заштита очију/лица:**

Тур	Стандарди
Nema posebnih propisa kada se koristi kako je predvidjeno	-

## ПОГЛАВЉЕ 9. ФИЗИЧКА И ХЕМИЈСКА СВОЈСТВА

### 9.1. Подаци о основним физичким и хемијским својствима хемикалије

*Изгледу - агрегатно стање:*

Течно

*Боји:*

Бело

*Мирису / Прагу мириса (ppт):*

Парфем

*pH:*

са. 9

*Релативна густина (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Вискозитет:*

Нема доступних података.

са 1000 mPa.s (20 °C)

*Карактеристике честица:*

Не односи се на течности

#### Фазне промене

*Тачка топљења / тачка мржњења (°C):*

Нема доступних података.

*Тачка/опсег омекшавања (°C):*

Не односи се на течности

*Почетна тачка кључања и опсег кључања (°C):*

Нема доступних података.

*Напон паре:*

Нема доступних података.

*Густина паре:*

Нема доступних података.

*Температура разлагања (°C):*

Нема доступних података.

**Подаци о опасностима од пожара и експлозије**

*Запаљивост (чврсто, гасовито):*

Нема доступних података.

*Тачка паљења (°C):*

Нема доступних података.

*Температура самопаљења (°C):*

Нема доступних података.

*Горња / доња граница запаљивости или експлозивности (%v/v):*

Нема доступних података.

**Растворљивост**

*Растворљивост у вода:*

Нема доступних података.

*Коефицијент расподеле у систему n-октанол/вода (LogKow):*

Нема доступних података.

*Растворљивост у масти (g/L):*

Нема доступних података.

**9.2. Остали подаци**

*Остали физички и хемијски параметри:*

Нема доступних података.

Нема доступних података.

## ПОГЛАВЉЕ 10. СТАБИЛНОСТ И РЕАКТИВНОСТ

**10.1. Реактивност**

Нема доступних података.

**10.2. Хемијска стабилност**

Производ је стабилан под условима наведеним у одељку 7 „Руковање и складиштење“.

**10.3. Могућност настанка опасних реакција**

Нема познатих.

**10.4. Услови које треба избегавати**

Нема познатих.

**10.5. Некомпатибилни материјали**

Јаке киселине, јаке базе, јака оксидациона средства и јака редукциона средства.

**10.6. Опасни производи разградње**

У нормалним условима складиштења и употребе не би требало да дође до стварања опасних продукта распадања.

## ПОГЛАВЉЕ 11. ТОКСИКОЛОШКИ ПОДАЦИ

**11.1. Подаци о токсичним ефектима**

**Акутна токсичност**

Хемијски назив	Aluminium oxide
Врсте:	Пацов
Пут експозиције:	Инхалацијски

Тест: LC50  
Вредност: > 5 mg/L

Хемијски назив: Aluminium oxide  
Врсте: Пацов  
Пут експозиције: Орално  
Вредност: > 5000 mg/kg

Хемијски назив: Isopropylalcohol  
Врсте: Пацов  
Пут експозиције: Орално  
Тест: LD50  
Вредност: >2000 mg/kg

Хемијски назив: Isopropylalcohol  
Врсте: Зец  
Пут експозиције: Дерматолошки  
Тест: LD50  
Вредност: >2000 mg/kg

Хемијски назив: Isopropylalcohol  
Врсте: Пацов  
Пут експозиције: Инхалацијски  
Тест: LC50  
Вредност: >20

Хемијски назив: Isopropylalcohol  
Пут експозиције: Орално  
Тест: LD50  
Вредност: 5849 mg/kg

Хемијски назив: Isopropylalcohol  
Врсте: Пацов  
Пут експозиције: Орално  
Тест: LD50  
Вредност: 5840 mg/kg

Хемијски назив: Isopropylalcohol  
Врсте: Зец  
Пут експозиције: Дерматолошки  
Тест: LD50  
Вредност: 12800 mg/kg

Хемијски назив: Isopropylalcohol  
Пут експозиције: Инхалацијски  
Тест: LC50  
Вредност: 301002 mg/L

Хемијски назив: 2-phenoxyethanol  
Врсте: Пацов  
Пут експозиције: Орално  
Тест: LD50  
Вредност: 1840 mg/kg

Хемијски назив: 2-phenoxyethanol  
Врсте: Зец  
Пут експозиције: Дерматолошки  
Вредност: >5000 mg/kg

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Корозивно оштећење коже / иритација**

Хемијски назив	Isopropylalcohol
Метод тестирања:	ОЕЦД 404
Врсте:	Зеџ
Трајанье:	4 hours

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Хемијски назив	2-phenoxyethanol
Вредност:	Установљени су негативни ефекти (Корозивно)

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Тешко оштећење ока / иритација ока**

Хемијски назив	Aluminium oxide
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Хемијски назив	Isopropylalcohol
Врсте:	Зеџ
Вредност:	Установљени су негативни ефекти (Иритантан)

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Хемијски назив	Isopropylalcohol
Метод тестирања:	ОЕЦД 405
Врсте:	Зеџ
Вредност:	Установљени су негативни ефекти (Доводи до тешког оштећења ока)

---

Хемијски назив	2-phenoxyethanol
Вредност:	Установљени су негативни ефекти (Доводи до тешког оштећења ока)

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Сензибилизација коже**

Хемијски назив	Isopropylalcohol
Врсте:	Заморче
Вредност:	Нису установљени негативни ефекти (не сензибилизација)

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Сензибилизација респираторних органа**

Хемијски назив	Isopropylalcohol
Метод тестирања:	ОЕЦД 406
Врсте:	Заморче
Вредност:	Нису установљени негативни ефекти (не сензибилизација)

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Мутагеност геринативних ћелија**

Хемијски назив	Isopropylalcohol
Заључак:	Нису установљени негативни ефекти

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Карциногеност**

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Токсичност по репродукцију**

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Специфична токсичност за циљни орган - једнократна изложеност**

Хемијски назив	Isopropylalcohol
Пут експозиције:	Орално

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Специфична токсичност за циљни орган - вишекратна изложеност**

На основу доступних података, критеријуми за класификацију нису испуњени.

#### **Опасност од аспирације**

На основу доступних података, критеријуми за класификацију нису испуњени.

### **11.2. Информације о другим опасностима**

#### **Dugoročni efekti**

Нема познатих.

#### Угрожава рад ендокриних жлезда

Ова смеша/производ не садржи никакве материје за које се сматра да имају својства изазивања хормонског поремећаја.

#### Додатне информације

Isopropylalcohol по IARC класификацији спада у групу 3

## ПОГЛАВЉЕ 12. ЕКОТОКСИКОЛОШКИ ПОДАЦИ

### 12.1. Токсичност

Хемијски назив	Isopropylalcohol
Врсте:	Рибе, Goudwinde (Leuciscus idus)
Трајније:	48 сати
Тест:	LC50
Вредност:	>100 mg/L

Хемијски назив	Isopropylalcohol
Врсте:	Ракови, Daphnia magna
Трајније:	48 сати
Тест:	EC50
Вредност:	>100 mg/L

Хемијски назив	Isopropylalcohol
Врсте:	Алге, Scenedesmus subspicatus
Трајније:	72 сати
Тест:	EC50
Вредност:	>100 mg/L

Хемијски назив	2-phenoxyethanol
Врсте:	Рибе
Трајније:	96 сати
Тест:	LC50
Вредност:	>100 mg/L

Хемијски назив	2-phenoxyethanol
Врсте:	Алге
Трајније:	72 сати
Тест:	ErC50
Вредност:	>100 mg/L

Хемијски назив	2-phenoxyethanol
Врсте:	Daphnia magna
Трајније:	48 сати
Тест:	EC50
Вредност:	>100 mg/L

Хемијски назив	2-phenoxyethanol
Врсте:	Рибе
Тест:	NOEC
Вредност:	23 mg/L

Хемијски назив	2-phenoxyethanol
Врсте:	Andere waterorganismen
Трајније:	30 minutes
Тест:	EC50
Вредност:	>1000 mg/L

На основу доступних података, критеријуми за класификацију нису испуњени.

### 12.2. Перзистентност и разградљивост

Хемијски назив	Isopropylalcohol
Вредност:	95%
Закључак:	Лако биоразградива материја
Тест:	ОЕЦД 301 Е

Хемијски назив	2-phenoxyethanol
Вредност:	>70
Закључак:	Лако биоразградива материја
Тест:	ОЕЦД 301 А

### 12.3. Потенцијал биоакумулације

Хемијски назив	Isopropylalcohol
BCF:	<100
LogKow:	<3
Закључак:	-

Хемијски назив	2-phenoxyethanol
BCF:	0.349
LogKow:	1.2
Закључак:	-

### 12.4. Мобилност у земљишту

Нема доступних података.

### 12.5. Резултати ПБТ и вПвБ процене

Ова смеша/производ не садржи супстанце за које се сматра да испуњавају критеријуме да буду класификовани као ПБТ и/или вПвБ.

### 12.6. Угрожава рад ендокриних жлезда

Ова смеша/производ не садржи никакве материје за које се када се нађу унутар животне средине сматра да имају својства ометања ендокриног система.

### 12.7. Остали штетни ефекти

Нема познатих.

## ПОГЛАВЉЕ 13. ОДЛАГАЊЕ

### Методe третмана отпада

Производ није обухваћен прописима о опасном отпаду.

Правилник о категоријама, испитивању и класификацији отпада (Службени гласник Републике Српске, број 19/15 и 79/18).

### Код европског каталога отпада (EWЦ)

20 01 30 детерџенти другачији од оних наведених у 20 01 29

### Специфично означавање

#### Контаминиране амбалаже

Амбалажа која садржи остатке производа мора се одложити на исти начин као и производ.

## ПОГЛАВЉЕ 14. ПОДАЦИ О ТРАНСПОРТУ

	14.1 UN	14.2 Назив за терет у транспорту	14.3 Класа	14.4 PG*	14.5. Env**	Остали подаци:
ADR	1950	AEROSOLS	Класа: 2 Листи-це опасности: 2.2 Класификациони код: 5A	-	Не	Ограничене количина: 1 L Кодови за ограничења

	14.1 UN	14.2 Назив за терет у транспорту	14.3 Класа	14.4 PG*	14.5. Env**	Остали подаци:
						за тунеле: 3 (E) За додатне информациј е, погледајте доле.
IMDG	1950	AEROSOLS	Класа: 2 Листи-це опасности: 2.2 Класификациони кôд: 5A	-	Не	Ограничене количина: 1 L EmS: F-D S-U За додатне информациј е, погледајте доле.
IATA	1950	AEROSOLS	Класа: 2 Листи-це опасности: 2.2 Класификациони кôд: 5A	-	Не	За додатне информациј е, погледајте доле.

\* Група паковања

\*\* Опасност по животну средину

#### Додатне информације

Овај производ је обухваћен прописима о транспорту опасне робе.

АДР / Видети табелу А, одељак 3.2.1 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом. Видети одељак 5.4.3, за упутства у писаној форми у вези са ублажавањем штета у вези са инцидентима или незгодама током транспорта.

ИМГД / Видети одељак 3.2.1 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом.

ИАТА / Видети табелу 4.2 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом.

#### 14.6. Посебне предострожности за корисника

Није применљиво.

#### 14.7. Транспорт у расутом стању (Анексу ИИ Међународне конвенције за спречавање загађења из бродова и ИБЦ Цоде)

Нема доступних података.

## ПОГЛАВЉЕ 15. РЕГУЛАТОРНИ ПОДАЦИ

### 15.1. Прописи у вези са безбедношћу, здрављем и животном средином

*Ограничења за примену:*

Дозвољено само за професионално коришћење.

*Захтеви за специфичним образовањем:*

Нема посебних захтева.

*Означавање садржја према ПРАВИЛНИК о детергентима:*

< 5%

- Анјонски сурфактанти
- Нејонски сурфактанти
- Мириси
- Конзерванси (PHENOXYETHANOL)

*Додатне информације:*

Није применљиво.

*Извори:*

Правилник о детерџентима (Службени гласник Републике Српске, број 14/19).

Правилник о категоријама, испитивању и класификацији отпада (Службени гласник Републике Српске, број 19/15 и 79/18).

Правилник о класификацији, обиљежавању и паковању хемикалија (Службени гласник Републике Српске, бр. 118/20).

Закон о хемикалијама (Службени гласник Републике Српске, бр. 21/18).

**15.2. Процена безбедности хемикалије.**

Не

## ПОГЛАВЉЕ 16. ОСТАЛИ ПОДАЦИ

**Комплетан текст Х-фраза како је наведено у поглавље 3**

H225, Лако запаљива течност и пара.

H302, Штетно ако се прогута.

H318, Доводи до тешког оштећења ока.

H319, Доводи до јаке иритације ока.

H335, Може да изазове иритацију респираторних органа.

H336, Може да изазове поспаност и несвестицу.

**Скраћенице и акроними**

ADR = Европски споразум о међународном друмском превозу опасне робе

ATE = Процена акутне токсичности

BCF = Фактор биоконцентрације

CAS = Служба хемијских сажетака

CE = европска усаглашеност

CLP = Уредба о класификацији, означавању и паковању [Уредба (ЕЗ) бр. 1272/2008]

CSA = Процена хемијске безбедности

CSR = Извештај о хемијској безбедности

STOT = Специфична циљна токсичност органа

DMEL = Изведени минимални ниво ефекта

DNEL = Изведени ниво без ефекта

EINECS = Европски инвентар постојећих комерцијалних хемијских супстанци

ES = Сценарио изложености

EUH изјава = ЦЛП-специфична изјава о опасности

EUPCS = Европски систем категоризације производа

EWЦ = Европски каталог отпада

GHS = Глобално усклађени систем класификације и обележавања хемикалија

GWP (ГВП) = Потенцијал глобалног загревања

IARC = међународна агенција за истраживање рака

IATA = Међународно удружење за ваздушни саобраћај

IBC = Средњи контејнер за расути терет

IMDG = Међународна поморска опасна роба

LogPow = Логаритам коефицијента раздвајања октанол/вода

MARPOL = Међународна конвенција о спречавању загађења са бродова из 1973. године, измењена протоколом из 1978. („Marpol“ = загађење мора)

ОЕЦД = Организација за Економску Царадњу и Дазвој

ПБТ = Истрајан, биоакумулативан и токсичан

PNEC = Предвиђена концентрација без ефекта

RID = Прописи који се тичу међународног превоза опасне робе железницом

RRN = REACH регистрациони број

SCL = има одређену границу концентрације.

SVHC = Веома забрињавајуће супстанце

STOT-RE = Специфична циљна токсичност органа - понављана излагања

STOT-SE = Специфична циљна токсичност органа - појединачна излагања

TWA = Временски пондерисан просек

UN = Уједињене нације

UVBC = Непознат или променљив састав, сложени продукти реакције или биолошки материјали

VOС = Нестабилно органско јединиенје  
вПвБ = Веома трајно и врло биоакумулативно

**Додатне информације**

Није применљиво.

**Безбедносни лист потврђује**

Quality & Compliance

**Остали подаци**

Промена (сразмерно последной суштинской промени (прва шифра у верзийи СДС, погледайте поглавље 1)) обележена је троуглом.

Подаци у овом безбедносном упутству односе се само на овај одређени производ (поменут у поглавље 1) и нису нужно тачни за употребу са другим хемикалијама/производима.

Препоручује се да ово безбедносно упутство дате стварном кориснику производа. Информације у овом безбедносном упутству не могу се користити као спецификације производа.

Земља-језик: BA-sr

## FICHE DE DONNÉES DE SÉCURITÉ

# i.26 kitchen polish (Alu-Air)

## RUBRIQUE 1: IDENTIFICATION DE LA SUBSTANCE/DU MÉLANGE ET DE LA SOCIÉTÉ/DE L'ENTREPRISE

### 1.1. Identificateur de produit

*Marque commerciale:*

i.26 kitchen polish (Alu-Air)

*Identifiant unique de formulation (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Utilisations identifiées pertinentes de la substance ou du mélange et utilisations déconseillées

*Utilisations identifiées pertinentes de la substance ou du mélange:*

Produits de lavage et de nettoyage (y compris produits à base de solvants)  
Réservé aux utilisateurs professionnels.

*Utilisations déconseillées :*

Aucune connue.

### 1.3. Renseignements concernant le fournisseur de la fiche de données de sécurité

*Nom et adresse de l'entreprise:*

**Hygeniq B.V.**

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

*Courriel:*

info@hygeniq.com

*Révision:*

26/05/2025

*Version de la fiche de données de sécurité:*

1.0

### 1.4. Numéro d'appel d'urgence

Centre Antipoisons: +32 (0) 70 245 245 (7 jours sur 7, 24 heures sur 24)

Voir la rubrique 4 concernant premiers secours.

## RUBRIQUE 2: IDENTIFICATION DES DANGERS

Classée conformément au règlement (CE) n° 1272/2008 (CLP).

### 2.1. Classification de la substance ou du mélange

Aérosol 3; H229, Récipient sous pression: peut éclater sous l'effet de la chaleur.

### 2.2. Éléments d'étiquetage

*Pictogramme(s) de danger:*

Sans objet.

*Mention d'avertissement:*

Attention

*Mention(s) de danger:*

Récipient sous pression: peut éclater sous l'effet de la chaleur. (H229)

*Conseil(s) de prudence:*

*Générales:*

-

*Précautions:*

Tenir à l'écart de la chaleur, des surfaces chaudes, des étincelles, des flammes nues et de toute autre source d'inflammation. Ne pas fumer. (P210)

Ne pas perforer, ni brûler, même après usage. (P251)

*Intervention:*

-

*Stockage:*

Protéger du rayonnement solaire. Ne pas exposer à une température supérieure à 50 °C/ 122 °F. (P410+P412)

*Élimination:*

-

*Contient:*

Ne contient pas de substances dont la déclaration est obligatoire

*Autre étiquetage:*

UFI : 8YFR-ND5E-MUMG-2XW1

*Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents:*

< 5%

- Agents de surface anioniques
- Agents de surface non ioniques
- Parfums
- Agent de conservation (PHENOXYETHANOL)

### 2.3. Autres dangers

*Autre:*

Ce mélange/produit ne contient aucune substance considérée comme répondant aux critères de classification comme PBT et/ou vPvB.

Ce produit ne contient aucune substance considérée comme étant un perturbateur endocrinien conformément aux critères définis dans le règlement délégué (UE) 2017/2100 ou le règlement (UE) 2023/707 de la Commission.

## RUBRIQUE 3: COMPOSITION/INFORMATIONS SUR LES COMPOSANTS

### 3.1. Substances

Sans objet. Ce produit est un mélange.

### 3.2. Mélanges

Produit/composant	Identifiants	% w/w	Classification	Note
alcool isopropylique	N° CAS : 67-63-0 N° CE: 200-661-7 REACH: N° index : 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
éthanol;alcool éthylique	N° CAS : 64-17-5 N° CE: 200-578-6 REACH: N° index : 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phénoxyéthanol	N° CAS : 122-99-6 N° CE: 204-589-7 REACH: 01-2119488943-21	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318	

	N° index : 603-098-00-9		STOT SE 3, H335	
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Le texte intégral des phrases H se trouve dans la rubrique 16. Les limites d'exposition professionnelle sont indiquées dans la rubrique 8, à condition d'être disponibles

## Autres informations

-

## RUBRIQUE 4: PREMIERS SECOURS

### 4.1. Description des mesures de premiers secours

#### *Généralités:*

En cas d'accident : Contactez un médecin ou l'hôpital ou Centre Antipoisons: +32 (0) 70 245 245 (7 jours sur 7, 24 heures sur 24), apportez l'étiquette ou bien la présente fiche de données de sécurité.

En cas de symptômes persistants ou en cas de doute concernant l'état de la personne blessée, faites appel à un médecin. Ne donnez jamais à boire de l'eau ou autre liquide à une personne ayant perdu connaissance.

#### *Inhalation:*

En cas de difficultés respiratoires ou d'irritation des voies respiratoires : Amenez la personne à l'air frais et gardez la personne sous surveillance.

#### *Contact cutané:*

Retirez immédiatement les vêtements et chaussures contaminés. Lavez soigneusement avec de l'eau et du savon la peau qui a été en contact avec le produit. Des produits nettoyants domestiques peuvent être utilisés. N'utilisez PAS de produits solvants ou de diluants.

#### *Contact visuel:*

En cas de contact avec les yeux: Rincez aussitôt avec de l'eau (20-30 °C) pendant 5 minutes. Retirez les éventuelles lentilles de contact de la victime. Demandez l'assistance d'un médecin.

#### *Ingestion:*

Si la personne est consciente, rincez-lui la bouche avec de l'eau et restez avec elle. Ne donnez jamais rien à boire à la personne. En cas de malaise : contactez immédiatement un médecin et apportez-lui la présente fiche de données de sécurité ou l'étiquette du produit. Ne faites pas vomir, à moins que le médecin ne le recommande. Maintenez la tête tournée vers le bas de manière à ce que les vomissures ne reviennent pas dans la bouche et la gorge.

#### *Brûlure:*

Sans objet.

### 4.2. Principaux symptômes et effets, aigus et différés

Aucune connue.

### 4.3. Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires

Traiter selon les symptômes.

### Informations pour le médecin

Apportez la présente fiche de données de sécurité ou l'étiquette du produit.

## RUBRIQUE 5: MESURES DE LUTTE CONTRE L'INCENDIE

### 5.1. Moyens d'extinction

Sans objet.

### 5.2. Dangers particuliers résultant de la substance ou du mélange

Récipient sous pression. En cas d'incendie ou de chauffage, la pression augmente et risque de faire exploser le conteneur.

Le feu va dégager une épaisse fumée. L'exposition aux produits de décomposition représente un danger pour la santé. Les récipients fermés exposés au feu sont refroidis avec de l'eau. Ne laissez pas de l'eau ayant servi à éteindre

l'incendie s'écouler dans les égouts et les cours d'eau.

Si le produit est exposé à de hautes températures, par exemple en cas d'incendie, de dangereux produits gazeux de décomposition peuvent être créés. Il s'agit de :

Les oxydes de carbone (CO / CO<sub>2</sub>)

Certains oxydes de métal

### 5.3. Conseils aux pompiers

Portez une combinaison d'intervention normale et une protection respiratoire complète afin d'éviter tout contact.

## RUBRIQUE 6: MESURES À PRENDRE EN CAS DE DISPERSION ACCIDENTELLE

### 6.1. Précautions individuelles, équipement de protection et procédures d'urgence

Assurer une ventilation adéquate, en particulier dans les espaces confinés.

Les zones contaminées peuvent être glissantes.

### 6.2. Précautions pour la protection de l'environnement

Ne déversez pas dans les lacs, les ruisseaux, les égouts, etc.

Tenir les personnes non autorisées éloignées du déversement.

### 6.3. Méthodes et matériel de confinement et de nettoyage

Contenez et collectez les déversements avec un matériau absorbant non combustible, par exemple du sable, de la terre, de la vermiculite ou de la terre de diatomées, et placez-les dans un récipient pour les éliminer conformément aux réglementations locales.

Nettoyez autant que possible avec des produits de nettoyage ordinaires. Évitez les solvants.

### 6.4. Référence à d'autres rubriques

Voir la rubrique 13 "Considérations relatives à l'élimination" sur la manipulation des déchets.

Voir la rubrique 8 "Contrôles de l'exposition/protection individuelle" pour les mesures de protection.

## RUBRIQUE 7: MANIPULATION ET STOCKAGE

### 7.1. Précautions à prendre pour une manipulation sans danger

Ne pas perforer, ni brûler, même après usage.

La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.

Voir la rubrique 8 «Contrôles de l'exposition/protection individuelle» pour des renseignements sur les dispositifs de protection individuelle.

### 7.2. Conditions d'un stockage sûr, y compris d'éventuelles incompatibilités

Conserver dans des récipients fermés hermétiquement, à l'abri de l'humidité et de la lumière. Les récipients doivent être datés lorsqu'ils sont ouverts et la présence de peroxydes doit être testée périodiquement. Ne dépassez pas les limites de durée de stockage.

Les récipients ayant été ouverts doivent être refermés avec soin et maintenus en position verticale afin d'éviter les fuites.

*Les compatibilités en matière de conditionnement:*

Conserver uniquement dans l'emballage d'origine.

*Conditions de stockage:*

Sec, frais et bien ventilé

*Matières incompatibles:*

Acides forts, bases fortes, oxydants forts et des réducteurs forts.

### 7.3. Utilisation(s) finale(s) particulière(s)

Ce produit doit être utilisé exclusivement pour les applications décrites la rubrique 1.2.

## RUBRIQUE 8: CONTRÔLES DE L'EXPOSITION/PROTECTION INDIVIDUELLE

### 8.1. Paramètres de contrôle

Aluminium oxide

Valeur limite (8 heures) (VLEP) (ppm): 1

alcool isopropylique  
Valeur à court terme (15 minutes) (VLCT ou VLE) (mg/m<sup>3</sup>): 1000  
Valeur à court terme (15 minutes) (VLCT ou VLE) (ppm): 400  
Valeur limite (8 heures) (VLEP) (mg/m<sup>3</sup>): 500  
Valeur limite (8 heures) (VLEP) (ppm): 200

éthanol;alcool éthylique  
Valeur limite (8 heures) (VLEP) (mg/m<sup>3</sup>): 1907  
Valeur limite (8 heures) (VLEP) (ppm): 1000

Liste de valeurs limites d'exposition aux agents chimiques (L'AR du mai 2021).

## DNEL

### 2-phénoxyéthanol

Durée :	Voie d'exposition :	DNEL :
Effets systématiques à long terme - population globale	Cutanée	20,83 mg/kg
Effets systématiques à long terme - Travailleurs	Cutanée	34,72 mg/kg/jour
Effets systémiques à long terme	Cutanée	10,42 mg/kg
Effets locaux à long terme - Travailleurs	Inhalation	5,7 mg/m <sup>3</sup>
Effets systématiques à long terme - Travailleurs	Inhalation	5,7 mg/m <sup>3</sup>
Effets systématiques à long terme - Travailleurs	Inhalation	8,07 mg/m <sup>3</sup>
Effets systémiques à long terme	Inhalation	2,41 mg/m <sup>3</sup>
À long terme	Orale	9,23 mg/kg

### alcool isopropylique

Durée :	Voie d'exposition :	DNEL :
Effets systématiques à long terme - population globale	Cutanée	319 mg/kg
Effets systématiques à long terme - Travailleurs	Cutanée	888 mg/m <sup>3</sup>
Effets systématiques à long terme - population globale	Inhalation	89 mg/m <sup>3</sup>
Effets systématiques à long terme - population globale	Inhalation	89 mg/m <sup>3</sup>
Effets systématiques à long terme - Travailleurs	Inhalation	500 mg/m <sup>3</sup>
Effets systématiques à long terme - population globale	Orale	26 mg/kg

### éthanol;alcool éthylique

Durée :	Voie d'exposition :	DNEL :
Effets systématiques à long terme - population globale	Cutanée	206 mg/kg/jour
Effets systématiques à long terme - Travailleurs	Cutanée	343 mg/kg/jour
Effets locaux à court terme - population globale	Inhalation	950 mg/m <sup>3</sup>
Effets locaux à court terme - Travailleurs	Inhalation	1900 mg/m <sup>3</sup>
Effets systématiques à long terme - population globale	Inhalation	114 mg/m <sup>3</sup>
Effets systématiques à long terme - Travailleurs	Inhalation	380 mg/m <sup>3</sup>
Effets systématiques à long terme - population globale	Orale	87 mg/kg/jour

## PNEC

### 2-phénoxyéthanol

Voie d'exposition :	Durée d'exposition :	PNEC :
Eau de mer		0,0943 mg/L
Eau douce		0,943 mg/L

Installation de traitement des eaux usées		24,8 mg/L
Installation de traitement des eaux usées	Unique	36 mg/L
Sédiments en eau de marines		0,7237 mg/kg
Sédiments en eau douce		7.2366 mg/kg
Sol		1,26 mg/kg

#### alcool isopropylique

Voie d'exposition :	Durée d'exposition :	PNEC :
Eau de mer		140,9 mg/L
Eau douce		140,9 mg/L
Emission intermittente		140,9 mg/L
Installation de traitement des eaux usées		2251 mg/L
Sédiments en eau de marines		552 mg/kg
Sédiments en eau douce		552 mg/kg
Sol		28 mg/kg

#### éthanol;alcool éthylique

Voie d'exposition :	Durée d'exposition :	PNEC :
Eau de mer		790 µg/L
Eau douce		960 µg/L
Emission intermittente (eau douce)		2.75 mg/L
Installation de traitement des eaux usées		580 mg/L
Prédateurs		380-720 mg/kg
Sédiments en eau de marines		2.9 mg/kg
Sédiments en eau douce		3.6 mg/kg
Sol		630 µg/kg

## 8.2. Contrôles de l'exposition

Le respect des valeurs limites indiquées doit être contrôlé régulièrement.

#### Précautions générales:

La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.

#### Scénarios d'exposition:

Aucun scénario d'exposition n'est mis en œuvre pour ce produit.

#### Limite d'exposition:

Les utilisateurs professionnels sont concernés par la législation sur l'environnement de travail qui concerne les concentrations maximales auxquelles il est permis d'être exposé. Voir les valeurs limites d'hygiène de travail indiquées ci-dessus.

#### Mesures techniques:

La formation de vapeur doit être minimale et rester sous les valeurs limites actuelles (voir ci-dessus). Si l'aération n'est pas suffisante dans la pièce, l'installation d'un système local de ventilation est recommandée. Assurez-vous que les douches oculaires et les douches d'urgence sont clairement indiquées.

Suivez les précautions habituelles quand vous utilisez le produit. Évitez de respirer les vapeurs.

#### Mesures d'hygiène:

A chaque pause lors de l'utilisation du produit et une fois le travail terminé, les parties exposées du corps doivent être lavées. Porter une attention particulière aux mains, aux avant-bras et au visage.

#### Mesures pour la limitation de l'exposition à l'environnement:

Pas d'exigences particulières.

## Mesures de protection individuelle, telles que les équipement de protection personnelle

#### Généralités:

Utilisez exclusivement des équipements de protection comportant la marque CE.

*Équipements respiratoires:*

Type	Classe	Couleur	Normes	
Rien de spécial quand utilisé tel que prévu.				

*Protection de la peau:*

Recommandé	Type/Catégorie	Normes	
Rien de spécial quand utilisé tel que prévu	-	-	

*Protection des mains:*

Situation de travail	Matériel	Épaisseur minimum (mm)	Délai de rupture (min.)	Normes	
	Rien de spécial quand utilisé tel que prévu	-	-	-	
En cas d'exposition prolongée ou de concentration élevée	Coton / Caoutchouc nitrile	-	> 240	EN374-2, EN16523-1, EN388	

*Protection des yeux:*

Type	Normes	
Rien de spécial quand utilisé tel que prévu.	-	

## RUBRIQUE 9: PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

### 9.1. Informations sur les propriétés physiques et chimiques essentielles

*Etat physique:*

Liquide

*Couleur:*

Blanc

*Odeur / Seuil olfactif (ppm):*

De parfum

*pH:*

ca. 9

*Densité (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Viscosité cinématique:*

Aucune information disponible.

*Viscosité dynamique:*

ca 1000 mPa.s (20 °C)

*Caractéristiques des particules:*

Ne s'applique pas aux liquides.

#### Changement d'état

*Point de fusion/point de congélation (°C):*

Aucune information disponible.

*Le point/l'intervalle de ramollissement (°C):*

Ne s'applique pas aux liquides.

*Point d'ébullition (°C):*

Aucune information disponible.

*Pression de vapeur:*

Aucune information disponible.

*Densité de vapeur relative :*

Aucune information disponible.

*Température de décomposition (°C):*

Aucune information disponible.

### **Informations concernant les risques d'explosion et d'incendie**

*Point d'éclair (°C):*

Aucune information disponible.

*Inflammabilité (°C):*

Aucune information disponible.

*Température d'auto-inflammation (°C):*

Aucune information disponible.

*Limite d'explosivité (% v/v):*

Aucune information disponible.

### **Solubilité**

*Solubilité dans l'eau:*

Aucune information disponible.

*n-octanol/coefficient d'eau (LogKow):*

Aucune information disponible.

*Solubilité dans la graisse (g/L):*

Aucune information disponible.

### **9.2. Autres informations**

*D'autres paramètres physiques et chimiques:*

Aucune information disponible.

*Capacités oxydantes:*

Aucune information disponible.

## **RUBRIQUE 10: STABILITÉ ET RÉACTIVITÉ**

### **10.1. Réactivité**

Aucune information disponible.

### **10.2. Stabilité chimique**

Le produit est stable dans les conditions indiquées à la rubrique 7 (Manipulation et stockage).

### **10.3. Possibilité de réactions dangereuses**

Aucune connue.

### **10.4. Conditions à éviter**

Aucune connue.

### **10.5. Matières incompatibles**

Acides forts, bases fortes, oxydants forts et des réducteurs forts.

### **10.6. Produits de décomposition dangereux**

Dans des conditions normales de stockage et d'utilisation, aucun produit de décomposition dangereux ne doit être produit.

## **RUBRIQUE 11: INFORMATIONS TOXICOLOGIQUES**

### **11.1. Informations sur les classes de danger telles que définies dans le règlement (CE) n° 1272/2008**

#### **Toxicité aiguë**

Produit/composant Aluminium oxide  
Espèce : Rat  
Voie d'exposition : Inhalation  
Test : CL50  
Valeur : > 5 mg/L

Produit/composant Aluminium oxide  
Espèce : Rat  
Voie d'exposition : Orale  
Valeur : > 5000 mg/kg

Produit/composant alcool isopropylique  
Espèce : Rat  
Voie d'exposition : Orale  
Test : DL50  
Valeur : >2000 mg/kg

Produit/composant alcool isopropylique  
Espèce : Lapin  
Voie d'exposition : Cutanée  
Test : DL50  
Valeur : >2000 mg/kg

Produit/composant alcool isopropylique  
Espèce : Rat  
Voie d'exposition : Inhalation  
Test : CL50  
Valeur : >20

Produit/composant alcool isopropylique  
Voie d'exposition : Orale  
Test : DL50  
Valeur : 5849 mg/kg

Produit/composant alcool isopropylique  
Espèce : Rat  
Voie d'exposition : Orale  
Test : DL50  
Valeur : 5840 mg/kg

Produit/composant alcool isopropylique  
Espèce : Lapin  
Voie d'exposition : Cutanée  
Test : DL50  
Valeur : 12800 mg/kg

Produit/composant alcool isopropylique  
Voie d'exposition : Inhalation  
Test : CL50  
Valeur : 301002 mg/L

Produit/composant 2-phénoxyéthanol  
Espèce : Rat  
Voie d'exposition : Orale  
Test : DL50  
Valeur : 1840 mg/kg

Produit/composant 2-phénoxyéthanol  
Espèce : Lapin  
Voie d'exposition : Cutanée

Valeur : >5000 mg/kg

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Corrosion cutanée/irritation cutanée**

Produit/composant alcool isopropylique  
Méthode d'essai : OCDE 404  
Espèce : Lapin  
Durée : 4 hours

---

Produit/composant 2-phénoxyéthanol  
Valeur : Effets nocifs observés (Corrosif)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Lésions oculaires graves/irritation oculaire**

Produit/composant Aluminium oxide

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Produit/composant alcool isopropylique  
Espèce : Lapin  
Valeur : Effets nocifs observés (Irritant)

---

Produit/composant alcool isopropylique  
Méthode d'essai : OCDE 405  
Espèce : Lapin  
Valeur : Effets nocifs observés (Provoque de graves lésions des yeux)

---

Produit/composant 2-phénoxyéthanol  
Valeur : Effets nocifs observés (Provoque de graves lésions des yeux)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Sensibilisation respiratoire**

Produit/composant alcool isopropylique  
Méthode d'essai : OCDE 406  
Espèce : Cochon d'Inde  
Valeur : Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Sensibilisation cutanée**

Produit/composant alcool isopropylique  
Espèce : Cochon d'Inde  
Valeur : Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Mutagénicité sur les cellules germinales**

Produit/composant alcool isopropylique  
Conclusion : Aucun effet nocif observé

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Cancérogénicité**

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Toxicité pour la reproduction**

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Toxicité spécifique pour certains organes cibles — exposition unique**

Produit/composant alcool isopropylique  
Voie d'exposition : Orale

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Toxicité spécifique pour certains organes cibles – exposition répétée**

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Danger par aspiration**

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

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## 11.2. Informations sur les autres dangers

### Effets sur le long terme

Aucune connue.

### Propriétés perturbant le système endocrinien

Ce mélange/produit ne contient aucune substance considérée comme ayant des propriétés qui provoquent des troubles hormonaux vis-à-vis de la santé.

### Autres informations

alcool isopropylique: La substance a été classée dans le groupe 3 par le CIRC.

## RUBRIQUE 12: INFORMATIONS ÉCOLOGIQUES

### 12.1. Toxicité

Produit/composant	alcool isopropylique
Espèce :	Poisson, Goudwinde ( <i>Leuciscus idus</i> )
Durée :	48 heures
Test :	CL50
Valeur :	>100 mg/L

Produit/composant	alcool isopropylique
Espèce :	Crustacés, <i>Daphnia magna</i>
Durée :	48 heures
Test :	CE50
Valeur :	>100 mg/L

Produit/composant	alcool isopropylique
Espèce :	Algues, <i>Scenedesmus subspicatus</i>
Durée :	72 heures
Test :	CE50
Valeur :	>100 mg/L

Produit/composant	2-phénoxyéthanol
Espèce :	Poisson
Durée :	96 heures
Test :	CL50
Valeur :	>100 mg/L

Produit/composant	2-phénoxyéthanol
Espèce :	Algues
Durée :	72 heures
Test :	ErC50
Valeur :	>100 mg/L

Produit/composant	2-phénoxyéthanol
Espèce :	<i>Daphnia magna</i>
Durée :	48 heures
Test :	CE50
Valeur :	>100 mg/L

Produit/composant	2-phénoxyéthanol
Espèce :	Poisson
Test :	CSEO
Valeur :	23 mg/L

Produit/composant	2-phénoxyéthanol
Espèce :	Andere waterorganismen
Durée :	30 minutes
Test :	CE50
Valeur :	>1000 mg/L

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

### 12.2. Persistance et dégradabilité

Produit/composant alcool isopropylique  
Valeur : 95%  
Conclusion : Biodégradabilité facile  
Test : OCDE 301 E

Produit/composant 2-phénoxyéthanol  
Valeur : >70  
Conclusion : Biodégradabilité facile  
Test : OCDE 301 A

### 12.3. Potentiel de bioaccumulation

Produit/composant alcool isopropylique  
BCF: <100  
LogKow : <3  
Conclusion : -

Produit/composant 2-phénoxyéthanol  
BCF: 0.349  
LogKow : 1.2  
Conclusion : -

### 12.4. Mobilité dans le sol

Aucune information disponible.

### 12.5. Résultats des évaluations PBT et vPvB

Ce mélange/produit ne contient aucune substance considérée comme répondant aux critères de classification comme PBT et/ou vPvB.

### 12.6. Propriétés perturbant le système endocrinien

Ce mélange/produit ne contient pas de composants considérés comme ayant des propriétés perturbatrices du système endocrinien

### 12.7. Autres effets néfastes

Aucune connue.

## RUBRIQUE 13: CONSIDÉRATIONS RELATIVES À L'ÉLIMINATION

### 13.1. Méthodes de traitement des déchets

Le produit n'est pas concerné par la réglementation sur les déchets dangereux.  
Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.

Code CED:  
20 01 30 Détergents autres que ceux visés à la rubrique 20 01 29

### Emballages pollués

Les emballages avec des résidus de produit sont éliminés en suivant les mêmes règles que pour le produit lui-même.

## RUBRIQUE 14: INFORMATIONS RELATIVES AU TRANSPORT

	14.1 ONU	14.2 Désignation officielle de transport	14.3 Classe(s) de danger pour le transport	14.4 PG*	14.5. Env**	Autres information s :
ADR	1950	AEROSOLS	Classe: 2 Étiquettes: 2.2 Code de classification: 5A	-	Non	Quantités limitées: 1 L Code de restriction en tunnels: 3

	14.1 ONU	14.2 Désignation officielle de transport	14.3 Classe(s) de danger pour le transport	14.4 PG*	14.5. Env**	Autres information s :
						(E) Voir ci- dessous pour plus d'informatio ns.
IMDG	1950	AEROSOLS	Classe: 2 Étiquettes: 2.2 Code de classification: 5A	-	Non	Quantités limitées: 1 L EmS: F-D S-U Voir ci- dessous pour plus d'informatio ns.
IATA	1950	AEROSOLS	Classe: 2 Étiquettes: 2.2 Code de classification: 5A	-	Non	Voir ci- dessous pour plus d'informatio ns.

\* Groupe d'emballage

\*\* Dangers pour l'environnement

#### Autre

Le produit est concerné par les conventions sur les marchandises dangereuses.

ADR / Voir tableau A, section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport. Voir la section 5.4.3, pour les instructions écrites concernant l'atténuation des dommages en cas d'incidents ou d'accidents pendant le transport.

IMDG / Voir section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

IATA / Voir tableau 4.2 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

#### 14.6. Précautions particulières à prendre par l'utilisateur

Sans objet.

#### 14.7. Transport maritime en vrac conformément aux instruments de l'OMI

Aucune information disponible.

## RUBRIQUE 15: INFORMATIONS RELATIVES À LA RÉGLEMENTATION

### 15.1. Réglementations/législation particulières à la substance ou au mélange en matière de sécurité, de santé et d'environnement

#### Limites d'utilisation:

Réservé aux utilisateurs professionnels.

#### Demandes de formation spécifique:

Pas d'exigences particulières.

#### Protection contre les accidents majeurs - Catégories / Substances dangereuses désignées:

Sans objet.

#### REACH, Annexe XVII:

alcool isopropylique est soumis aux restrictions REACH (N° entrée 40).

éthanol;alcool éthylique est soumis aux restrictions REACH (N° entrée 40).

*Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents:*

< 5%

- Agents de surface anioniques
- Agents de surface non ioniques
- Parfums
- Agent de conservation (PHENOXYETHANOL)

*Autre:*

Sans objet.

*Sources:*

Loi sur le travail du 24-01-1985, mise à jour au 31-12-2020.

Règlement (CE) n° 648/2004 du Parlement européen et du Conseil du 31 mars 2004 relatif aux détergents.

Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.

Règlement (CE) n° 1272/2008 du Parlement européen et du Conseil du 16 décembre 2008 relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges (CLP).

Règlement (CE) n° 1907/2006 du Parlement européen et du Conseil du 18 décembre 2006 concernant

l'enregistrement, l'évaluation et l'autorisation des substances chimiques, ainsi que les restrictions applicables à ces substances (REACH).

## 15.2. Évaluation de la sécurité chimique

Non

## RUBRIQUE 16: AUTRES INFORMATIONS

### Précisions sur les phrases H dont il est question dans la rubrique 3

H225, Liquide et vapeurs très inflammables.

H302, Nocif en cas d'ingestion.

H318, Provoque de graves lésions des yeux.

H319, Provoque une sévère irritation des yeux.

H335, Peut irriter les voies respiratoires.

H336, Peut provoquer somnolence ou vertiges.

### Abréviations et acronymes

ADN = Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation intérieure

ADR = L'Accord européen relatif au transport international des marchandises Dangereuses par Route

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CVI = Conteneurs en Vrac Intermédiaires

CLP = Règlement 1272/2008/CE relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges

COV = Composés Organiques Volatils

CPSE = Concentration Prédite Sans Effet

CSA = Evaluation de la Sécurité Chimique

CSR = Rapport sur la Sécurité Chimique

DMEL = Dose dérivée avec effet minimum

DNEL = Dose dérivée sans effet

ds = les déchets spéciaux

EINECS = Inventaire européen des substances chimiques commerciales existantes

ETA = Estimation de la Toxicité Aiguë

EuPCS = Système européen de catégorisation des produits

FBC = Facteur de Bioconcentration

Mention EUH = mention de danger spécifique CLP

IARC = Le Centre international de Recherche sur le Cancer (CIRC)

IATA = Association Internationale du Transport Aérien

code IMDG = code maritime international des marchandises dangereuses

LogK<sub>ow</sub> = Coefficient de partage octanol/eau

MARPOL = Convention internationale pour la prévention de la pollution par les navires de 1973, telle que modifiée par le Protocole de 1978. ("MARPOL" = pollution maritime)

NU = Nations Unies

OCDE = Organisation de Coopération et de Développement Economiques  
PBT = Persistantes, Bioaccumulables et Toxiques  
PRP = Le potentiel de réchauffement planétaire  
REACH = Règlement sur l'enregistrement, l'évaluation, l'autorisation et les restrictions des substances chimiques [Règlement (CE) N° 1907/2006]  
RID = Règlement concernant le transport International ferroviaire des marchandises Dangereuses  
RRN = Numéro d'enregistrement REACH  
sc = les autres déchets soumis à contrôle  
scd = autres déchets soumis à contrôle qui nécessitent un document de suivi  
SCL = Limite de concentration spécifique (LCS).  
SE = Scenario d'Exposition  
SGH = Système Général Harmonisé de classification et d'étiquetage des produits chimiques  
SVHC = Substances extrêmement préoccupantes  
TDAA = Température de décomposition auto-accélérée  
vPvB = Très Persistant et très Bioaccumulable  
TSOC-ER = Toxicité Spécifique pour certains Organes Cibles - Exposition Répétée  
TSOC-EU = Toxicité Spécifique pour certains Organes Cibles - Exposition Unique  
TWA = Moyenne pondérée dans le temps  
UVBC = Substances de composition inconnue ou variable, produits de réaction complexes ou matières biologiques

**Autre**

Sans objet.

**Validé par**

Quality & Compliance

**Autre**

Les modifications par rapport à la dernière révision importante (premiers chiffres dans la fiche, voir rubrique 1) de cette fiche de données de sécurité sont repérées par un triangle.  
Les informations de la présente fiche de données de sécurité sont seulement valables pour ce produit (indiqué à la rubrique 1) et ne sont pas nécessairement valables pour l'utilisation d'autres produits/produits chimiques.  
Il est recommandé de donner cette fiche de données de sécurité à l'utilisateur effectif du produit. Les informations de ce document ne peuvent pas être utilisées comme spécification du produit.  
Pays-langue : BE-fr

VEILIGHEIDSINFORMATIEBLAD

## i.26 kitchen polish (Alu-Air)

### RUBRIEK 1: IDENTIFICATIE VAN DE STOF OF HET MENGSEL EN VAN DE VENNOOTSCHAP/ONDERNEMING

#### 1.1. Productidentificatie

*Handelsnaam:*

i.26 kitchen polish (Alu-Air)

*Unieke formule-identificatie (UFI):*

8YFR-ND5E-MUMG-2XW1

#### 1.2. Relevant geïdentificeerd gebruik van de stof of het mengsel en ontraden gebruik

*Relevant geïdentificeerd gebruik van de stof of het mengsel:*

Was- en reinigingsmiddelen (inclusief op oplosmiddelbasis)  
Uitsluitend voor gebruik door professionele gebruiker.

*Ontraden gebruik :*

Niet bekend.

#### 1.3. Details betreffende de verstrekker van het veiligheidsinformatieblad

*Firmanaam en adres:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mailadres:*

info@hygeniq.com

*Herziening:*

26/05/2025

*SDS-versie:*

1.0

#### 1.4. Telefoonnummer voor noodgevallen

Antigifcentrum: +32 (0) 70 245 245 (elke dag, 24 op 24 uur)  
Zie rubriek 4 over eerstehulpmaatregelen.

### RUBRIEK 2: IDENTIFICATIE VAN DE GEVAREN

Geclassificeerd overeenkomstig Voorschrift (EC) Nr. 1272/2008 (CLP).

#### 2.1. Indeling van de stof of het mengsel

Aerosol 3; H229, Houder onder druk: kan open barsten bij verhitting.

#### 2.2. Etiketteringselementen

*Gevarenpictogram(men):*

Niet van toepassing.

*Signaalwoord:*

**Waarschuwing**

**Gevarenaanduidingen:**

Houder onder druk: kan open barsten bij verhitting. (H229)

**Veiligheidsaanbevelingen:**

**Algemeen:**

-

**Preventie:**

Verwijderd houden van warmte, hete oppervlakken, vonken, open vuur en andere ontstekingsbronnen. Niet roken. (P210)

Ook na gebruik niet doorboren of verbranden. (P251)

**Reactie:**

-

**Opslag:**

Tegen zonlicht beschermen. Niet blootstellen aan temperaturen boven 50 °C/122°F. (P410+P412)

**Verwijdering:**

-

**Stoffen waarvoor meldingsplicht geldt:**

Bevat geen informatieplichtige stoffen

**Andere opmerkingen:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004:**

< 5%

- Anionogene oppervlakreactieve stoffen
- Niet-ionogene oppervlakreactieve stoffen
- Parfums
- Conserveermiddel (PHENOXYETHANOL)

**2.3. Andere gevaren**

**Overig:**

Dit mengsel/product bevat geen stoffen die aan de criteria voldoen om ze als PBT en/of zPzB te classificeren.

Dit product bevat geen stoffen die worden beschouwd als hormoonverstorende stoffen volgens de criteria van Gedelegeerde Verordening (EU) 2017/2100 van de Commissie of Verordening (EU) 2023/707 van de Commissie.

**RUBRIEK 3: SAMENSTELLING EN INFORMATIE OVER DE BESTANDDELEN**

**3.1. Stoffen**

Niet van toepassing. Dit product is een mengsel.

**3.2. Mengsels**

Product / ingrediënt	Identificatiemogelijkheden	% w/w	Classificatie	Opm.
isopropylalcohol	CAS Nr.: 67-63-0 EG Nr: 200-661-7 REACH: Catalogusnr.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethylalcohol	CAS Nr.: 64-17-5 EG Nr: 200-578-6 REACH: Catalogusnr.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoxyethanol	CAS Nr.: 122-99-6 EG Nr: 204-589-7 REACH: 01-2119488943-21	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318	

	Catalogusnr.: 603-098-00-9		STOT SE 3, H335	
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De volledige tekst van de gevarenaanduidingen staat in rubriek 16. Arbeidshygiënische grenswaarden zijn genoemd in rubriek 8, voor zover ze van toepassing zijn.

#### Andere informatie

-

## RUBRIEK 4: EERSTEHULPMAATREGELEN

### 4.1. Beschrijving van de eerstehulpmaatregelen

#### *Algemeen:*

Bij ongelukken: Contacteer een arts of het Antigifcentrum: +32 (0) 70 245 245 (elke dag, 24 op 24 uur). Neem het etiket van het product of dit veiligheidsblad mee.

Bij aanhoudende symptomen of twijfel over de toestand van het slachtoffer moet er een arts ingeschakeld worden. Geef een bewusteloze persoon nooit water of iets dergelijks.

#### *Bij inademen:*

Als men moeilijkheden vaststelt tijdens de ademhaling of irritatie van de luchtwegen: Breng de persoon naar buiten en houd hem in de gaten.

#### *Bij huidcontact:*

Verwijder verontreinigde kleding en schoenen. Huid, die in contact is geweest met het materiaal grondig wassen met water en zeep, eventueel huidreinigingsmiddel gebruiken. Gebruik GEEN oplosmiddelen of verduuners.

#### *Bij oogcontact:*

Bij contact met de ogen: Spoel direct met water (20-30 °C) gedurende minstens 5 minuten. Verwijder eventuele contactlenzen. Ga naar de dokter.

#### *Bij inslikken:*

Als de persoon bij bewustzijn is, spoel dan de mond met water en blijf bij de persoon. Neem direct contact op met de dokter als de persoon zich niet goed voelt en neem dit veiligheidsblad mee of het etiket van het product. Lok het braken, niet uit, behalve als de arts dat adviseert. Laat het hoofd naar voor zakken zodat eventueel braaksel niet terugloopt in mond en hals.

#### *Bij verbranding:*

Niet van toepassing.

### 4.2. Belangrijkste acute en uitgestelde symptomen en effecten

Niet bekend.

### 4.3. Vermelding van eventueel noodzakelijke onmiddellijke medische verzorging en speciale behandeling

Symptomatisch behandelen.

#### Informatie voor de arts

Neem dit veiligheidsblad met of het etiket van het materiaal gegevens mee.

## RUBRIEK 5: BRANDBESTRIJDINGSMAATREGELEN

### 5.1. Blusmiddelen

Niet van toepassing.

### 5.2. Speciale gevaren die door de stof of het mengsel worden veroorzaakt

Houder onder druk. Bij brand of verhitting zal de druk toenemen en kan de verpakking barsten.

Brand zal dichte rook ontwikkelen. Blootstelling aan afbraakproducten kan een gevaar voor de gezondheid opleveren. Gesloten houders die blootgesteld worden aan vuur, afkoelen met water. Laat het bluswater niet in riolering of waterleiding weglopen.

Als het product wordt blootgesteld aan hoge temperaturen, bv. in situaties van brand, kunnen er gevaarlijke afbraakproducten ontstaan. Deze zijn:

Carbonoxiden (CO / CO<sub>2</sub>)

Enkele metaaloxiden

### 5.3. Advies voor brandweerlieden

Normaal uniform en volledige ademhalingsbescherming. Als er blootstelling is opgetreden, neem dan contact op met Antigifcentrum: +32 (0) 70 245 245 (elke dag, 24 op 24 uur).

## RUBRIEK 6: MAATREGELEN BIJ HET ACCIDENTEEL VRIJKOMEN VAN DE STOF OF HET MENGSEL

### 6.1. Persoonlijke voorzorgsmaatregelen, beschermingsmiddelen en noodprocedures

Zorg voor voldoende ventilatie, vooral in afgesloten ruimten.  
Verontreinigde gebieden kunnen glad zijn.

### 6.2. Milieuvorzorgsmaatregelen

Voorkom weglopen naar meren, rivieren, riolering, e.d.  
Houd onbevoegden uit de buurt van het gemorste product.

### 6.3. Insluitings- en reinigingsmethoden en -materiaal

Verzamel gemorst materiaal met onbrandbaar, absorberend materiaal, bijvoorbeeld zand, aarde, vermiculiet of diatomeeënaarde en doe het in een container voor verwijdering volgens de lokale voorschriften.  
Schoonmaken wordt voor zover mogelijk met schoonmaakmiddelen gedaan. Vermijd oplosmiddelen.

### 6.4. Verwijzing naar andere rubrieken

Zie het rubriek "Instructies voor verwijdering" over hoe om te gaan met afval.  
Zie het rubriek over 8 "Maatregelen ter beheersing van blootstelling/persoonlijke bescherming" voor beschermingsregelingen.

## RUBRIEK 7: HANTERING EN OPSLAG

### 7.1. Voorzorgsmaatregelen voor het veilig hanteren van de stof of het mengsel

Ook na gebruik niet doorboren of verbranden.  
Roken, eten en drinken is niet toegestaan in arbeidslokalen.  
Zie de rubriek "Maatregelen ter beheersing van blootstelling/persoonlijke bescherming" voor informatie over persoonlijke bescherming.

### 7.2. Voorwaarden voor een veilige opslag, met inbegrip van incompatibele producten

Bewaren in nauw afgesloten containers en beschermen tegen vocht en licht. Containers moeten worden voorzien van de datum en periodiek geopend en getest op de aanwezigheid van peroxiden. U mag de uiterste bewaartermijnen niet overschrijden.

Containers die zijn geopend dienen zorgvuldig te worden afgesloten en rechtop te worden opgeslagen om lekkage te voorkomen.

*Compatibele verpakkingen:*

Uitsluitend in de oorspronkelijke verpakking bewaren.

*Opslag condities:*

Droog, koel en goed geventileerd

*Chemisch op elkaar inwerkende materialen:*

Sterke zuren, sterke basen, sterke oxidatiemiddelen en sterke reductiemiddelen.

### 7.3. Specifiek eindgebruik

Dit product mag alleen worden gebruikt voor de doeleinden zoals beschreven in rubriek 1.2.

## RUBRIEK 8: MAATREGELEN TER BEHEERSING VAN BLOOTSTELLING/PERSOONLIJKE BESCHERMING

### 8.1. Controleparameters

Aluminium oxide

Grenswaarde (TGG 8 uur) (ppm): 1

isopropylalcohol  
Kortdurende blootstelling grenswaarde (TGG 15 min) (mg/m<sup>3</sup>): 1000  
Kortdurende blootstelling grenswaarde (TGG 15 min) (ppm): 400  
Grenswaarde (TGG 8 uur) (mg/m<sup>3</sup>): 500  
Grenswaarde (TGG 8 uur) (ppm): 200

ethanol;ethylalcohol  
Grenswaarde (TGG 8 uur) (mg/m<sup>3</sup>): 1907  
Grenswaarde (TGG 8 uur) (ppm): 1000

Lijst van de grenswaarden voor blootstelling aan chemische agentia (KB van mei 2021).

## DNEL

### 2-fenoxyethanol

Duur:	Blootstellingsroute:	DNEL:
Lange termijn - Lokale effecten - Arbeiders	Inademing	5,7 mg/m <sup>3</sup>
Lange termijn - Systemische effecten	Inademing	2,41 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Arbeiders	Inademing	5,7 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Arbeiders	Inademing	8,07 mg/m <sup>3</sup>
Lange termijn	Oraal	9,23 mg/kg
Lange termijn - Systemische effecten	Via de huid	10,42 mg/kg
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	20,83 mg/kg
Lange termijn - Systemische effecten - Arbeiders	Via de huid	34,72 mg/kg bw/dag

### ethanol;ethylalcohol

Duur:	Blootstellingsroute:	DNEL:
Korte termijn - Lokale effecten - Algehele populatie	Inademing	950 mg/m <sup>3</sup>
Korte termijn - Lokale effecten - Arbeiders	Inademing	1900 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Algehele populatie	Inademing	114 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Arbeiders	Inademing	380 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Algehele populatie	Oraal	87 mg/kg bw/dag
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	206 mg/kg bw/dag
Lange termijn - Systemische effecten - Arbeiders	Via de huid	343 mg/kg bw/dag

### isopropylalcohol

Duur:	Blootstellingsroute:	DNEL:
Lange termijn - Systemische effecten - Algehele populatie	Inademing	89 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Algehele populatie	Inademing	89 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Arbeiders	Inademing	500 mg/m <sup>3</sup>
Lange termijn - Systemische effecten - Algehele populatie	Oraal	26 mg/kg
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	319 mg/kg
Lange termijn - Systemische effecten - Arbeiders	Via de huid	888 mg/m <sup>3</sup>

## PNEC

### 2-fenoxyethanol

Blootstellingsroute:	Blootsteldingsduur:	PNEC:
Aarde		1,26 mg/kg
Afvalwaterzuiveringsinstallatie		24,8 mg/L

Afvalwaterzuiveringsinstallatie	Enkelvoudig	36 mg/L
Zeewater		0.0943 mg/L
Zeewatersediment		0,7237 mg/kg
Zoet water		0,943 mg/L
Zoetwatersediment		7.2366 mg/kg

ethanol;ethylalcohol

Blootstellingsroute:	Blootstellingsduur:	PNEC:
Aarde		630 µg/kg
Afvalwaterzuiveringsinstallatie		580 mg/L
Intermitterende vrijlating (zoet water)		2.75 mg/L
Predatoren		380-720 mg/kg
Zeewater		790 µg/L
Zeewatersediment		2.9 mg/kg
Zoet water		960 µg/L
Zoetwatersediment		3.6 mg/kg

isopropylalcohol

Blootstellingsroute:	Blootstellingsduur:	PNEC:
Aarde		28 mg/kg
Afvalwaterzuiveringsinstallatie		2251 mg/L
Intermitterende vrijlating		140,9 mg/L
Zeewater		140,9 mg/L
Zeewatersediment		552 mg/kg
Zoet water		140,9 mg/L
Zoetwatersediment		552 mg/kg

## 8.2. Maatregelen ter beheersing van blootstelling

Naleving van de aangegeven grenswaarden dient regelmatig gecontroleerd te worden.

*Algemene gedragslijnen:*

Roken, eten en drinken is niet toegestaan in arbeidslokalen.

*Blootstellingsscenario's:*

Er zijn geen blootstellingsscenario's geïmplementeerd voor dit product.

*Blootstellingslimieten:*

Beroepsmatige gebruikers vallen onder de regels van de arbeidsomstandighedenwet betreffende maximum concentratie van expositie. Zie de arbeidshygiënische grenswaarden hierboven.

*Technische maatregelen:*

De ontwikkeling van dampen moet zo beperkt mogelijk blijven en in elk geval onder de aangegeven grenswaarden (zie hoger). Een lokaal afzuigstelsel is aan te raden als de ventilatie in het lokaal ontoereikend is. Zorg ervoor dat oogspoelmiddel en een doucheslang in geval van nood duidelijk aangegeven zijn.

Wees voorzichtig bij het gebruik van het product. Vermijd de inademing van dampen.

*Hygiënische maatregelen:*

Tijdens elke pauze in het gebruik van het product en na werktijd moeten geëxposeerde lichaamsdelen afgewassen worden. Let vooral op handen, onderarmen en gezicht.

*Beheersing van milieublootstelling:*

Geen bijzondere eisen.

## Individuele beschermingsmaatregelen, zoals persoonlijke beschermingsmiddelen

*Algemeen:*

Gebruik alleen beschermingsapparatuur met het CE-keurmerk.

**Luchtwegen:**

Type	Klasse	Kleur	Standaard	
Geen bijzondere bij normaal doelbewust gebruik.				

**Huid en lichaam:**

Aanbevolen	Type/Categorie	Normen	
Geen bijzondere bij normaal doelbewust gebruik	-	-	

**Handen:**

Werksituatie	Materiaal	Minimale laagdikte (mm)	Doorbraaktijd (min.)	Normen	
	Geen bijzondere bij normaal doelbewust gebruik	-	-	-	
In het geval van een lange blootstelling of hoge concentraties	Katoen / Nitril handschoenen	-	> 240	EN374-2, EN16523-1, EN388	

**Ogen:**

Type	Normen	
Geen bijzondere bij normaal doelbewust gebruik.	-	

## RUBRIEK 9: FYSISCHE EN CHEMISCHE EIGENSCHAPPEN

### 9.1. Informatie over fysische en chemische basiseigenschappen

*Fysische toestand:*

Vloeibaar

*Kleur:*

Wit

*Geur / Geurdrempelwaarde (ppm):*

Van parfum

*pH:*

ca. 9

*Soortelijk gewicht (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Kinematische viscositeit:*

Geen gegevens beschikbaar.

*Dynamische viscositeit:*

ca 1000 mPa.s (20 °C)

*Deeltjeskenmerken:*

Niet van toepassing op vloeistoffen.

### Toestandsverandering en damp

*Smeltpunt/vriespunt (°C):*

Geen gegevens beschikbaar.

*Verwekingspunt/verwekingstraject (°C):*

Niet van toepassing op vloeistoffen.

*Kookpunt (°C):*

Geen gegevens beschikbaar.

*Dampdruk:*

Geen gegevens beschikbaar.

*Relatieve dampdichtheid:*

Geen gegevens beschikbaar.

*Ontledingstemperatuur (°C):*

Geen gegevens beschikbaar.

#### **Data voor brand- en explosiegevaar**

*Vlampunt (°C):*

Geen gegevens beschikbaar.

*Ontvlambaarheid (°C):*

Geen gegevens beschikbaar.

*Zelfontbrandingstemperatuur (°C):*

Geen gegevens beschikbaar.

*Ontploffingsgrenzen (% v/v):*

Geen gegevens beschikbaar.

#### **Oplosbaarheid**

*Oplosbaarheid in water:*

Geen gegevens beschikbaar.

*n-octanol/water coëfficiënt (LogKow):*

Geen gegevens beschikbaar.

*Oplosbaarheid in vet (g/L):*

Geen gegevens beschikbaar.

#### **9.2. Overige informatie**

*Andere fysische en chemische parameters:*

Geen gegevens beschikbaar.

*Oxiderende eigenschappen:*

Geen gegevens beschikbaar.

## **RUBRIEK 10: STABILITEIT EN REACTIVITEIT**

#### **10.1. Reactiviteit**

Geen gegevens beschikbaar.

#### **10.2. Chemische stabiliteit**

Het product is stabiel onder de voorwaarden die genoemd zijn in de rubriek 7 "Hantering en opslag".

#### **10.3. Mogelijke gevaarlijke reacties**

Niet bekend.

#### **10.4. Te vermijden omstandigheden**

Niet bekend.

#### **10.5. Chemisch op elkaar inwerkende materialen**

Sterke zuren, sterke basen, sterke oxidatiemiddelen en sterke reductiemiddelen.

#### **10.6. Gevaarlijke ontledingsproducten**

Bij normale omstandigheden van opslag en gebruik, zouden gevaarlijke ontledingsproducten niet moeten worden geproduceerd.

## **RUBRIEK 11: TOXICOLOGISCHE INFORMATIE**

### 11.1. Informatie over gevarenklassen als omschreven in Verordening (EG) nr. 1272/2008

#### Acute toxiciteit

Product / ingrediënt Aluminium oxide  
Soorten: Rat  
Blootstellingsroute: Inademing  
Test: LC50  
Resultaat: > 5 mg/L

Product / ingrediënt Aluminium oxide  
Soorten: Rat  
Blootstellingsroute: Oraal  
Resultaat: > 5000 mg/kg

Product / ingrediënt isopropylalcohol  
Soorten: Rat  
Blootstellingsroute: Oraal  
Test: LD50  
Resultaat: >2000 mg/kg

Product / ingrediënt isopropylalcohol  
Soorten: Konijn  
Blootstellingsroute: Via de huid  
Test: LD50  
Resultaat: >2000 mg/kg

Product / ingrediënt isopropylalcohol  
Soorten: Rat  
Blootstellingsroute: Inademing  
Test: LC50  
Resultaat: >20

Product / ingrediënt isopropylalcohol  
Blootstellingsroute: Oraal  
Test: LD50  
Resultaat: 5849 mg/kg

Product / ingrediënt isopropylalcohol  
Soorten: Rat  
Blootstellingsroute: Oraal  
Test: LD50  
Resultaat: 5840 mg/kg

Product / ingrediënt isopropylalcohol  
Soorten: Konijn  
Blootstellingsroute: Via de huid  
Test: LD50  
Resultaat: 12800 mg/kg

Product / ingrediënt isopropylalcohol  
Blootstellingsroute: Inademing  
Test: LC50  
Resultaat: 301002 mg/L

Product / ingrediënt 2-fenoxyethanol  
Soorten: Rat  
Blootstellingsroute: Oraal  
Test: LD50  
Resultaat: 1840 mg/kg

Product / ingrediënt 2-fenoxyethanol

Soorten: Konijn  
Blootstellingsroute: Via de huid  
Resultaat: >5000 mg/kg

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Huidcorrosie/-irritatie**

Product / ingrediënt isopropylalcohol  
Testmethode: OESO 404  
Soorten: Konijn  
Duur: 4 uur

Product / ingrediënt 2-fenoxyethanol  
Resultaat: Schadelijke effecten waargenomen (Corrosief)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Ernstig oogletsel/oogirritatie**

Product / ingrediënt Aluminium oxide

Product / ingrediënt isopropylalcohol  
Soorten: Konijn  
Resultaat: Schadelijke effecten waargenomen (Irriterend)

Product / ingrediënt isopropylalcohol  
Testmethode: OESO 405  
Soorten: Konijn  
Resultaat: Schadelijke effecten waargenomen (Veroorzaakt ernstig oogletsel)

Product / ingrediënt 2-fenoxyethanol  
Resultaat: Schadelijke effecten waargenomen (Veroorzaakt ernstig oogletsel)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Sensibilisatie van de luchtwegen**

Product / ingrediënt isopropylalcohol  
Testmethode: OESO 406  
Soorten: Cavia  
Resultaat: Geen schadelijke effecten waargenomen (niet sensibiliserend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Sensibilisatie van de huid**

Product / ingrediënt isopropylalcohol  
Soorten: Cavia  
Resultaat: Geen schadelijke effecten waargenomen (niet sensibiliserend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Mutageniteit in geslachtscellen**

Product / ingrediënt isopropylalcohol  
Conclusie: Geen schadelijke effecten waargenomen

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Kankerverwekkend**

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **Giftigheid voor de voortplanting**

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **STOT bij eenmalige blootstelling**

Product / ingrediënt isopropylalcohol  
Blootstellingsroute: Oraal

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

#### **STOT bij herhaalde blootstelling**

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

### Gevaar bij inademing

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

### 11.2. Informatie over andere gevaren

#### Effecten op lange termijn

Niet bekend.

#### Hormoonontregelende eigenschappen

Dit mengsel/product bevat geen stoffen die worden beschouwd als het hebben van hormoonverstorende eigenschappen met betrekking tot de gezondheid.

#### Overige informatie

isopropylalcohol: De stof is geclassificeerd als groep 3 door IARC.

## RUBRIEK 12: ECOLOGISCHE INFORMATIE

### 12.1. Toxiciteit

Product / ingrediënt	isopropylalcohol
Soorten:	Vis, Goudwinde ( <i>Leuciscus idus</i> )
Duur:	48 uur
Test:	LC50
Resultaat:	>100 mg/L

Product / ingrediënt	isopropylalcohol
Soorten:	Schaaldier, <i>Daphnia magna</i>
Duur:	48 uur
Test:	EC50
Resultaat:	>100 mg/L

Product / ingrediënt	isopropylalcohol
Soorten:	Algen, <i>Scenedesmus subspicatus</i>
Duur:	72 uur
Test:	EC50
Resultaat:	>100 mg/L

Product / ingrediënt	2-fenoxyethanol
Soorten:	Vis
Duur:	96 uur
Test:	LC50
Resultaat:	>100 mg/L

Product / ingrediënt	2-fenoxyethanol
Soorten:	Algen
Duur:	72 uur
Test:	ErC50
Resultaat:	>100 mg/L

Product / ingrediënt	2-fenoxyethanol
Soorten:	<i>Daphnia magna</i>
Duur:	48 uur
Test:	EC50
Resultaat:	>100 mg/L

Product / ingrediënt	2-fenoxyethanol
Soorten:	Vis
Test:	NOEC
Resultaat:	23 mg/L

Product / ingrediënt	2-fenoxyethanol
Soorten:	Andere waterorganismen
Duur:	30 minuten

Test: EC50  
Resultaat: >1000 mg/L

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

### 12.2. Persistentie en afbreekbaarheid

Product / ingrediënt isopropylalcohol  
Resultaat: 95%  
Conclusie: Gemakkelijk biologisch afbreekbaar  
Test: OESO 301 E

Product / ingrediënt 2-fenoxyethanol  
Resultaat: >70  
Conclusie: Gemakkelijk biologisch afbreekbaar  
Test: OESO 301 A

### 12.3. Bioaccumulatie

Product / ingrediënt isopropylalcohol  
BCF: <100  
LogKow: <3  
Conclusie: -

Product / ingrediënt 2-fenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusie: -

### 12.4. Mobiliteit in de bodem

Geen gegevens beschikbaar.

### 12.5. Resultaten van PBT- en zPzB-beoordeling

Dit mengsel/product bevat geen stoffen die aan de criteria voldoen om ze als PBT en/of zPzB te classificeren.

### 12.6. Hormoonontregelende eigenschappen

Dit mengsel/product bevat geen stoffen die worden beschouwd als het hebben van endocrien-verstorende eigenschappen met betrekking tot het milieu.

### 12.7. Andere schadelijke effecten

Niet bekend.

## RUBRIEK 13: INSTRUCTIES VOOR VERWIJDERING

### 13.1. Afvalverwerkingsmethoden

Het product valt niet onder de regels voor gevaarlijk afval.  
Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.

Euralcode:  
20 01 30 Niet onder 20 01 29 vallende detergenten

### Verontreinigde emballage

Verpakking met restinhoud van het product wegwerken volgens dezelfde voorwaarden als het product.

## RUBRIEK 14: INFORMATIE MET BETREKKING TOT HET VERVOER

	14.1 VN	14.2 Juiste ladingnaam van de VN	14.3 Transportgevaarklasse(n)	14.4 PG*	14.5. Env**	Andere informatie:
ADR	1950	AEROSOLS	Klasse: 2 Etiketten: 2.2 Classificatiecode: 5A	-	Nee	Gelimiteerde hoeveelheden: 1 L Code voor beperkingen

	14.1 VN	14.2 Juiste ladingnaam van de VN	14.3 Transportgevaarklasse(n)	14.4 PG*	14.5. Env**	Andere informatie:
						in tunnels: 3 (E) Zie hieronder voor meer informatie.
IMDG	1950	AEROSOLS	Klasse: 2 Etiketten: 2.2 Classificatiecode: 5A	-	Nee	Gelimiteerde hoeveelhede n: 1 L EmS: F-D S-U Zie hieronder voor meer informatie.
IATA	1950	AEROSOLS	Klasse: 2 Etiketten: 2.2 Classificatiecode: 5A	-	Nee	Zie hieronder voor meer informatie.

\* Verpakkingsgroep

\*\* Milieugevaren

#### Overig

Het product valt onder de conventies voor gevaarlijke goederen.

ADR / Zie tabel A, rubriek 3.2.1, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer. Zie rubriek 5.4.3, voor schriftelijke instructies betreffende het beperken van schade in verband met incidenten of ongevallen tijdens het vervoer.

IMDG / Zie rubriek 3.2.1, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer.

IATA / Zie tabel 4.2, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer.

#### 14.6. Bijzondere voorzorgen voor de gebruiker

Niet van toepassing.

#### 14.7. Zeevervoer in bulk overeenkomstig IMO-instrumenten

Geen gegevens beschikbaar.

## RUBRIEK 15: REGELGEVING

### 15.1. Specifieke veiligheids-, gezondheids- en milieureglementen en -wetgeving voor de stof of het mengsel

*Beperkingen bij gebruik:*

Uitsluitend voor gebruik door professionele gebruiker.

*Eisen t.o.v. speciale opleidingen:*

Geen bijzondere eisen.

*SEVESO - Gevaarcategorieën / Gevaarlijke stoffen:*

Niet van toepassing.

*REACH, Bijlage XVII:*

isopropylalcohol is onderworpen aan REACH-restricties (Vermelding nr. 40).

ethanol;ethylalcohol is onderworpen aan REACH-restricties (Vermelding nr. 40).

*Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004:*

< 5%

- Anionogene oppervlakreactieve stoffen
- Niet-ionogene oppervlakreactieve stoffen
- Parfums
- Conserveermiddel (PHENOXYETHANOL)

**Overig:**

Niet van toepassing.

**Bronnen:**

Arbeidswet vanaf 24-01-1985, tekstbijwerking tot 31-12-2020.

Verordening (EG) nr. 648/2004 van het Europees Parlement en de Raad van 31 maart 2004 betreffende detergentia.

Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.

Verordening (EG) nr. 1272/2008 van het Europees Parlement en de Raad van 16 december 2008 betreffende de indeling, etikettering en verpakking van stoffen en mengsels (CLP).

Verordening (EG) nr. 1907/2006 van het Europees Parlement en de Raad van 18 december 2006 inzake de registratie en beoordeling van en de autorisatie en beperkingen ten aanzien van chemische stoffen (REACH).

**15.2. Chemischeveiligheidsbeoordeling**

Nee

## RUBRIEK 16: OVERIGE INFORMATIE

**De volledige tekst van de H-zinnen genoemd in rubriek 3**

H225, Licht ontvlambare vloeistof en damp.

H302, Schadelijk bij inslikken.

H318, Veroorzaakt ernstig oogletsel.

H319, Veroorzaakt ernstige oogirritatie.

H335, Kan irritatie van de luchtwegen veroorzaken.

H336, Kan slaperigheid of duizeligheid veroorzaken.

**Afkortingen en acroniemen**

ADN = Europese wetgeving met betrekking tot het vervoer van gevaarlijke goederen over binnewateren

ADR = Europese overeenkomst met betrekking tot het vervoer van gevaarlijke goederen over de weg

ATE = Acute toxiciteitsbeoordeling

BCF = Bioconcentratie Factor

CAS = Chemical Abstracts Service

CE = Conformité européenne

CLP = Indeling, etikettering en verpakking van stoffen en mengsels [Verordening (EG) No. 1272/2008]

CSA = Chemische Veiligheidsbeoordeling

CSR = rapporten over de chemische veiligheid (CSR - Chemical Safety Reports)

DNEL = De afgeleide dosis zonder effect

EAC = Europese Afval Catalogoog

EINECS = European INventory of Existing Commercial Substances

ES = blootstellingsscenario

EUH zin = CLP-specifieke gevaarszin

EuPCS = Europees productindelingssysteem

GHS = Globaal geharmoniseerd systeem voor indeling, kenmerking en etikettering van chemische stoffen en mengsels

GWP = Aardopwarmingsvermogen

IATA = Internationaal Lucht Transport Vereniging

IBC = Tussentijdse bulk container

IMDG = Internationaal Maritiem Transport voor Gevaarlijke goederen

LogPow = Logaritme van de octaan/water partitie coëfficiënt

MARPOL = Internationale conventie voor de preventie van vervuiling door schepen, 1973 en aangepast door het protocol van 1978. ("Marpol" = zee vervuilend)

OESO = Organisatie voor Economische Samenwerking en Ontwikkeling

PBT = Persistent, Bioaccumulatief en Toxisch

PNEC = Voorspelde geen effect concentratie

RID = Regelgeving met betrekking tot het vervoer van gevaarlijke goederen over het spoor

RRN = REACH registratie nummer

SCL = Specifieke concentratielimiet.

SVHC = Zeer zorgwekkende stoffen

STOT-RE = specifieke doelorgaan toxiciteit - herhaalde blootstelling

STOT-SE = specifieke doelorgaan toxiciteit - enkelvoudige blootstelling

TGG = Tijd gewogen gemiddelde

UVBC = Stoffen van onbekende of variabele samenstelling, complexe reactieproducten of biologische materialen.

VN = Verenigde Naties

VOS = Vluchtige Organische Stoffen

zPzB = zeer Persistent en zeer Bioaccumulatief

**Overig**

Niet van toepassing.

**Het veiligheidsinformatieblad is gevalideerd door**

Quality & Compliance

**Overig**

Veranderingen ten opzichte van de vorige belangrijke revisie (eerste cijfer in de SDS-versie, zie rubriek 1) van dit veiligheidsinformatieblad zijn gemarkeerd met een driehoek.

De inlichtingen in dit veiligheidsinformatieblad gelden alleen voor het product genoemd in rubriek 1 en hoeven niet te gelden bij gebruik samen met andere producten.

Het is aan te bevelen dit veiligheidsinformatieblad af te geven aan de eigenlijke gebruiker van het product. De genoemde informatie dient niet als productspecificatie.

Land-taal: BE-nl

## ИНФОРМАЦИОНЕН ЛИСТ ЗА БЕЗОПАСНОСТ

# i.26 kitchen polish (Alu-Air)

## РАЗДЕЛ 1: ИДЕНТИФИКАЦИЯ НА ВЕЩЕСТВОТО/СМЕСТА И НА ДРУЖЕСТВОТО/ПРЕДПРИЯТИЕТО

### 1.1. Идентификатор на продукта

*Търговско наименование:*  
i.26 kitchen polish (Alu-Air)

*Уникален идентификатор на формули (UFI):*  
8YFR-ND5E-MUMG-2XW1

### 1.2. Идентифицирани употреби на веществото или сместа, които са от значение, и употреби, които не се препоръчват

*Съответни идентифицирани употреби на веществото или сместа:*  
Детергенти и почистващи препарати (включително на основата на разтворители)  
Само за професионална употреба.

*Употреби, които не се препоръчват:*  
Никой познат.

### 1.3. Подробни данни за доставчика на информационния лист за безопасност

*Компания и адрес:*  
**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*Е-поща:*  
info@hygeniq.com

*Преработено издание:*  
26.05.2025 г.

*SDS версия:*  
1.0

### 1.4. Телефонен номер при спешни случаи

Национален токсикологичен информационен център, Телефон за спешни случаи: +359 2 9154 233  
(www.pigogov.bg)  
Вижте раздел 4 "Мерки за първа помощ".

## РАЗДЕЛ 2: ОПИСАНИЕ НА ОПАСНОСТИТЕ

Класифицирано съгласно Регламент (ЕО) № 1272/2008 (Класифициране, етиктиране и опаковане).

### 2.1. Класифициране на веществото или сместа

Aerosol 3; H229, Съд под налягане: може да експлодира при нагряване.

### 2.2. Елементи на етикета

*Пиктограма(и) за опасност:*

Не е приложимо.

*Сигнална дума:*

Внимание

*Декларация(и) за опасност:*

Съд под налягане: може да експлодира при нагряване. (H229)

*Декларация(и) за безопасност:*

*Общи:*

-

*Предотвратяване:*

Да се пази от топлина, нагорещени повърхности, искри, открит пламък и други източници на запалване.

Тютюнопушенето забранено. (P210)

Да не се пробива и изгаря дори след употреба. (P251)

*Отговор:*

-

*Съхранение:*

Да се пази от пряка слънчева светлина. Да не се излага на температури, по-високи от 50 °C/ 122°F.

(P410+P412)

*Изхвърляне:*

-

*Идентичност на веществата, основно отговорни за най-големите опасности за здравето:*

Не съдържа вещества, задължени да докладват

*Допълнително етикуване:*

UFI: 8YFR-ND5E-MUMG-2XW1

*Етикетирание на съдържанието съгласно Регламент 648/2004 за детергентите:*

< 5%

- Анионни повърхностноактивни вещества
- Неионогенни повърхностноактивни вещества
- Парфюми
- Консервант (PHENOXYETHANOL)

### 2.3. Други опасности

*Допълнителни предупреждения:*

Тази смес/продукт не съдържа вещества, считани за отговарящи на критерии, класифициращи ги като PBT и/или vPvB.

Този продукт не съдържа вещества, които се считат за разрушаващи ендокринната система в съответствие с критериите, определени в Делегиран регламент (ЕС) № 2017/2100 на Комисията или Регламент на Комисията (ЕС) № 2023/707.

## РАЗДЕЛ 3: СЪСТАВ/ИНФОРМАЦИЯ ЗА СЪСТАВКИТЕ

### 3.1. Вещества

Не е приложимо. Този продукт е смес.

### 3.2. Смеси

Продукт/ингредиент	Идентификатори	% w/w	Класификация	Забел ежка
изопропилов алкохол	CAS №: 67-63-0 EO №: 200-661-7 REACH: Индекс №: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
етанол;етилов алкохол	CAS №: 64-17-5 EO №: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

	REACH: Индекс №: 603-002-00-5			
2-феноксietанол	CAS №: 122-99-6 EO №: 204-589-7 REACH: 01-2119488943-21 Индекс №: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

Вижте пълния текст на H-фразите в раздел 16. Ограниченията за излагане в работна среда са посочени в раздел 8, ако същите са налични.

## Друга информация

## РАЗДЕЛ 4: МЕРКИ ЗА ПЪРВА ПОМОЩ

### 4.1. Описание на мерките за първа помощ

#### Обща информация:

В случай на инцидент: Свържете се с лекар или отдел за производствения - вземете етикета или този информационен лист за безопасност.

Свържете се с лекар, ако имате съмнения относно състоянието на пострадалия или ако симптомите продължават. Никога не давайте на човек в безсъзнание вода или други подобни.

#### Вдишване:

При проблеми с дишането или дразнене на дихателните пътища: При проблеми с дишането или дразнене на дихателните пътища: Отведете лицето на чист въздух и да останете с него.

#### Контакт с кожата:

Свалете замърсеното облекло и обувки наведнъж. Кожата, която е влязла в контакт с материала трябва да се измие обилно с вода и сапун. Може да се използва препарат за почистване на кожата. НЕ използвайте разтворители и разреждатели.

#### Контакт с очите:

ПРИ КОНТАКТ С ОЧИТЕ: Промийте очите с вода или солена вода (20-30 °C) в продължение на най-малко 5 минути. Свалете контактните лещи. Потърсете медицинска помощ и продължете да промивате по време на транспортиране.

#### Поглъщане:

Ако лицето е в съзнание, изплакнете устата с вода и останете при него. Ако лицето не се чувства добре, незабавно се свържете с лекар и вземете този информационен лист за безопасност или етикета на продукта с вас. Да не се предизвиква повръщане, освен ако не е препоръчано от лекар. Дръжте главата обърната надолу, така че ако има повръщане да не изтече обратно в устата и гърлото.

#### Изгаряния:

Не е приложимо.

### 4.2. Най-съществени остри и настъпващи след известен период от време симптоми и ефекти

Никой познат.

### 4.3. Указание за необходимостта от всякакви неотложни медицински грижи и специално лечение

Да се третира симптоматично.

### Информация за медици

Носете този информационен лист за безопасност или етикета на продукта с вас.

## РАЗДЕЛ 5: ПРОТИВОПОЖАРНИ МЕРКИ

### 5.1. Пожарогасителни средства

Не е приложимо.

### 5.2. Особени опасности, които произтичат от веществото или сместа

Съд под налягане. При пожар или нагряване налягането ще се увеличи и контейнерът може да избухне. Пожарът ще доведе до гъст дим. Излагането на катаболитни продукти може да увреди вашето здраве. Затворени контейнери, които са изложени на огън, трябва да се охлаждат с вода. Не позволявайте пожарогасителна вода да тече в канализацията и други водни течения.

Ако продуктът е изложен на високи температури, както и в случай на пожар, опасни катаболни вещества се произвеждат. Това са:

Въглеродни оксиди (CO / CO<sub>2</sub>)

Някои метални оксиди

### 5.3. Съвети за пожарникарите

Носете автономен дихателен апарат и защитно облекло за предпазване от контакт.

## РАЗДЕЛ 6: МЕРКИ ПРИ АВАРИЙНО ИЗПУСКАНЕ

### 6.1. Лични предпазни мерки, предпазни средства и процедури при спешни случаи

Осигурете адекватна вентилация, особено в затворени помещения.

Замърсените зони могат да бъдат хлъзгави.

### 6.2. Предпазни мерки за опазване на околната среда

Избягвайте изтичането в езера, потоци, канали и т.н.

Дръжте неупълномощени лица далеч от разлива

### 6.3. Методи и материали за ограничаване и почистване

Разливът да се ограничи и събере с помощта на незапалими абсорбиращи материали, напр. пясък, пръст, вермикулит или инфузорна пръст и да се постави в контейнер за изхвърляне съгласно местните разпоредби.

Почистването трябва да се направи доколкото е възможно като се използват обикновени почистващи препарати. Разтворители трябва да бъдат избягвани.

### 6.4. Позоваване на други раздели

Вижте раздел 13 "Обезвреждане на отпадъците" по отношение на обработката на отпадъците.

Вижте раздел 8 "Контрол на експозицията/лични предпазни средства" за защитни мерки.

## РАЗДЕЛ 7: РАБОТА И СЪХРАНЕНИЕ

### 7.1. Предпазни мерки за безопасна работа

Да не се пробива и изгаря дори след употреба.

Пушенето, консумацията на храна или течности, както и съхранението на тютюн, храна или течности, не са позволени в работните помещения.

Вижте раздел "Контрол на експозицията/лични предпазни средства" за информация за лична защита.

### 7.2. Условия за безопасно съхраняване, включително несъвместимости

Съхранявайте в плътно затворени контейнери и защитен от влага и светлина. Контейнерите трябва да са с поставена дата на отваряне и да се тества периодично за наличие на пероксиди. Не превишавайте ограниченията в сроковете.

Контейнерите, които са били отворени, трябва внимателно да се запечатат отново и да се съхраняват в изправено положение, за да не се допусне разлив.

*Съвместимостта на опаковките:*

Да се съхранява само в оригиналната опаковка.

*Условия за съхранение:*

Сухо, хладно и добре проветрено

*Несъвместими материали:*

Силни киселини, силни основи, силни окислителни, силни редуциращи агенти.

### 7.3. Специфична(и) крайна(и) употреба(и)

Този продукт трябва да се използва само за приложения, описани в раздел 1.2.

## РАЗДЕЛ 8: КОНТРОЛ НА ЕКСПОЗИЦИЯТА/ЛИЧНИ ПРЕДПАЗНИ СРЕДСТВА

### 8.1. Параметри на контрол

изопропилов алкохол

Гранични стойности (8 часа) (mg/m<sup>3</sup>): 980

Гранични стойности (15 min) (mg/m<sup>3</sup>): 1225

етанол;етилов алкохол

Гранични стойности (8 часа) (mg/m<sup>3</sup>): 1000

Наредба № 13 от 2003 г. за защита на работещите от рискове, свързани с експозиция на химични агенти при работа

### DNEL

2-феноксиетанол

Продължителност:	Маршрут на експозиция:	DNEL:
Дълготрайна - локални ефекти - работници	Вдишване	5,7 mg/m <sup>3</sup>
Дълготрайна - систематични ефекти	Вдишване	2,41 mg/m <sup>3</sup>
Дълготрайна - систематични ефекти - работници	Вдишване	5,7 mg/m <sup>3</sup>
Дълготрайна - систематични ефекти - работници	Вдишване	8.07 mg/m <sup>3</sup>
Дълготрайна - систематични ефекти	Дермално	10,42 mg/kg
Дълготрайна - систематични ефекти - работници	Дермално	34.72 mg/kg/ден
Дълготрайна - систематични ефекти - цялото население	Дермално	20,83 mg/kg
Дълготрайна	Орално	9,23 mg/kg

етанол;етилов алкохол

Продължителност:	Маршрут на експозиция:	DNEL:
Дълготрайна - систематични ефекти - работници	Вдишване	380 mg/m <sup>3</sup>
Дълготрайна - систематични ефекти - цялото население	Вдишване	114 mg/m <sup>3</sup>
Краткотрайна - локални ефекти - работници	Вдишване	1900 mg/m <sup>3</sup>
Краткотрайна - локални ефекти - цялото население	Вдишване	950 mg/m <sup>3</sup>
Дълготрайна - систематични ефекти - работници	Дермално	343 mg/kg/ден
Дълготрайна - систематични ефекти - цялото население	Дермално	206 mg/kg/ден
Дълготрайна - систематични ефекти - цялото население	Орално	87 mg/kg/ден

изопропилов алкохол

Продължителност:	Маршрут на експозиция:	DNEL:
Дълготрайна - систематични ефекти - работници	Вдишване	500 mg/m <sup>3</sup>
Дълготрайна - систематични ефекти - цялото население	Вдишване	89 mg/m <sup>3</sup>
Дълготрайна - систематични ефекти - цялото население	Вдишване	89 mg/m <sup>3</sup>
Дълготрайна - систематични ефекти - работници	Дермално	888 mg/m <sup>3</sup>
Дълготрайна - систематични ефекти - цялото население	Дермално	319 mg/kg
Дълготрайна - систематични ефекти - цялото население	Орално	26 mg/kg

### PNEC

2-феноксиетанол

Маршрут на експозиция:	Продължителност на излагане:	PNEC:
Морска вода		0.0943 mg/L

Морска вода утайки		0,7237 mg/kg
Почва		1,26 mg/kg
Пречиствателна станция за отпадни води		24,8 mg/L
Пречиствателна станция за отпадни води	Еднократно	36 mg/L
Сладководна среда		0,943 mg/L
Сладководна среда утайки		7.2366 mg/kg

етанол;етилов алкохол

Маршрут на експозиция:	Продължителност на излагане:	PNEC:
Хищници		380-720 mg/kg
Морска вода		790 µg/L
Морска вода утайки		2.9 mg/kg
Периодично изпускане (сладководна среда)		2.75 mg/L
Почва		630 µg/kg
Пречиствателна станция за отпадни води		580 mg/L
Сладководна среда		960 µg/L
Сладководна среда утайки		3.6 mg/kg

изопропилов алкохол

Маршрут на експозиция:	Продължителност на излагане:	PNEC:
Морска вода		140,9 mg/L
Морска вода утайки		552 mg/kg
Периодично изпускане		140,9 mg/L
Почва		28 mg/kg
Пречиствателна станция за отпадни води		2251 mg/L
Сладководна среда		140,9 mg/L
Сладководна среда утайки		552 mg/kg

## 8.2. Контрол на експозицията

Спазването на посочените стойности на ограничения на излагане трябва да се проверява редовно.

*Общи препоръки:*

Пушенето, консумацията на храна или течности, както и съхранението на тютюн, храна или течности, не са позволени в работните помещения.

*сценариите на експозиция:*

За този продукт няма въведени сценарии при излагане.

*Граници на експозиция:*

Търговските потребители са обхванати от правилата на действащото екологично законодателство за максимални концентрации за излагане. Вижте праговете стойности за работна хигиена по-горе.

*Подходящи технически мерки:*

Образуването на пара трябва да бъде минимално и под текущите гранични стойности (вижте по-горе).

Препоръчва се монтиране на локална изпускателна система, ако обичайният въздушен поток в помещението е недостатъчен. Осигурете ясно маркиране на пунктовете за спешна промивка на очи и душовете.

При употреба на продукта прилагайте стандартни предпазни мерки. Избягвайте вдишване на парите.

*Мерки за лична хигиена:*

Всеки път, когато си вземете почивка в използването на този продукт и когато приключите с използването му, всички открити части на тялото трябва да се измият. Обърнете особено внимание на ръцете, предмишниците и лицето.

*Мерки за предотвратяване на екологична експозиция:*

Няма специфични изисквания.

### Индивидуални мерки за защита като например лични предпазни средства

*Общо:*

Да се използва само защитно оборудване със CE маркировка.

*Оборудване за дишане:*

Тип	Клас	Цвят	Стандарти	
Няма специални, ако се използва по предназначение.				

*Защита на кожата:*

Препоръчано	Тип/Категория	Стандарти	
Няма специални, ако се използва по предназначение.	-	-	

*Защита на ръцете:*

Работна ситуация	Материал	Минимална дебелина на слоя (мм)	Период на издръжливост (минути)	Стандарти	
	Няма специални, ако се използва по предназначение	-	-	-	
При продължително излагане или високи концентрации	Нитрилна гума	-	> 240	EN374-2, EN16523-1, EN388	

*Защита на очите:*

Тип	Стандарти	
Няма специални, ако се използва по предназначение.	-	

## РАЗДЕЛ 9: ФИЗИЧНИ И ХИМИЧНИ СВОЙСТВА

### 9.1. Информация относно основните физични и химични свойства

*Форма:*

Течност

*Цвят:*

Бял

*Мирис / Граница на мириса (ppm):*

С парфюм

*pH:*

са. 9

*Плътност (г/см<sup>3</sup>):*

1,06 (20 °C)

*Кинематичен вискозитет:*

Няма налични данни.

*Динамичен вискозитет:*

са 1000 mPa.s (20 °C)

*Характеристики на частиците:*

Не се прилага за течности.

#### **Фазови промени**

*Точка на топене/точка на замръзване (°C):*

Няма налични данни.

*Точката/интервалът на размекване (°C) :*

Не се прилага за течности.

*Точка на кипене (°C):*

Няма налични данни.

*Парно налягане:*

Няма налични данни.

*Относителна плътност на парите :*

Няма налични данни.

*Температура на разлагане (°C):*

Няма налични данни.

#### **Данни за опасности от пожар и експлозия**

*Точка на запалване (°C):*

Няма налични данни.

*Запалимост (°C):*

Няма налични данни.

*Температура на самозапалване (°C):*

Няма налични данни.

*Граници на експлозия (Обем %):*

Няма налични данни.

#### **Разтворимост**

*Разтворимост във вода:*

Няма налични данни.

*коефициент на n-октанол/вода (LogKow):*

Няма налични данни.

*Разтворимост в мазнини (г/л):*

Няма налични данни.

#### **9.2. Друга информация**

*Други физични и химични параметри:*

Няма налични данни.

*Оксидиращи свойства:*

Няма налични данни.

## **РАЗДЕЛ 10: СТАБИЛНОСТ И РЕАКТИВНОСТ**

### **10.1. Реактивност**

Няма налични данни.

### **10.2. Химична стабилност**

Продуктът е стабилен при условията, отбелязани в раздел 7 "Работа и съхранение".

### **10.3. Възможност за опасни реакции**

Никой познат.

### **10.4. Условия, които трябва да се избягват**

Никой познат.

### **10.5. Несъвместими материали**

Силни киселини, силни основи, силни окислителни, силни редуциращи агенти.

### **10.6. Опасни продукти на разпадане**

При нормални условия на съхранение и употреба не трябва да се образуват опасни продукти на разпадане.

## РАЗДЕЛ 11: ТОКСИКОЛОГИЧНА ИНФОРМАЦИЯ

### 11.1. Информация за класовете на опасност, определени в Регламент (ЕО) № 1272/2008

#### Остра токсичност

Продукт/ингредиент: изопропилов алкохол  
 Видове: Плъх  
 Маршрут на експозиция: Орално  
 Изпитване: LD50  
 Резултат: >2000 mg/kg

Продукт/ингредиент: изопропилов алкохол  
 Видове: Заек  
 Маршрут на експозиция: Дермално  
 Изпитване: LD50  
 Резултат: >2000 mg/kg

Продукт/ингредиент: изопропилов алкохол  
 Видове: Плъх  
 Маршрут на експозиция: Вдишване  
 Изпитване: LC50  
 Резултат: >20

Продукт/ингредиент: изопропилов алкохол  
 Маршрут на експозиция: Орално  
 Изпитване: LD50  
 Резултат: 5849 mg/kg

Продукт/ингредиент: изопропилов алкохол  
 Видове: Плъх  
 Маршрут на експозиция: Орално  
 Изпитване: LD50  
 Резултат: 5840 mg/kg

Продукт/ингредиент: изопропилов алкохол  
 Видове: Заек  
 Маршрут на експозиция: Дермално  
 Изпитване: LD50  
 Резултат: 12800 mg/kg

Продукт/ингредиент: изопропилов алкохол  
 Маршрут на експозиция: Вдишване  
 Изпитване: LC50  
 Резултат: 301002 mg/L

Продукт/ингредиент: 2-феноксietанол  
 Видове: Плъх  
 Маршрут на експозиция: Орално  
 Изпитване: LD50  
 Резултат: 1840 mg/kg

Продукт/ингредиент: 2-феноксietанол  
 Видове: Заек  
 Маршрут на експозиция: Дермално  
 Резултат: >5000 mg/kg

Въз основа на наличните данни не са изпълнени критериите за класификация.

#### Корозия/дразнене на кожата

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Продукт/ингредиент	изопропилов алкохол
Метод за изпитвания:	ОИСП 404
Видове:	Заек
Продължителност:	4 hours

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Продукт/ингредиент	2-феноксиетанол
Резултат:	Наблюдавани са неблагоприятни ефекти (Корозивен)

Въз основа на наличните данни не са изпълнени критериите за класификация.

#### **Сериозно увреждане/дразнене на очите**

Продукт/ингредиент	изопропилов алкохол
Видове:	Заек
Резултат:	Наблюдавани са неблагоприятни ефекти (Дразнещ)

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Продукт/ингредиент	изопропилов алкохол
Метод за изпитвания:	ОИСП 405
Видове:	Заек
Резултат:	Наблюдавани са неблагоприятни ефекти (Предизвиква сериозно увреждане на очите)

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Продукт/ингредиент	2-феноксиетанол
Резултат:	Наблюдавани са неблагоприятни ефекти (Предизвиква сериозно увреждане на очите)

Въз основа на наличните данни не са изпълнени критериите за класификация.

#### **Респираторна сенсibilизация**

Продукт/ингредиент	изопропилов алкохол
Метод за изпитвания:	ОИСП 406
Видове:	Морско свинче
Резултат:	Не са наблюдавани неблагоприятни ефекти (не сенсibilизиращи)

Въз основа на наличните данни не са изпълнени критериите за класификация.

#### **Кожна сенсibilизация**

Продукт/ингредиент	изопропилов алкохол
Видове:	Морско свинче
Резултат:	Не са наблюдавани неблагоприятни ефекти (не сенсibilизиращи)

Въз основа на наличните данни не са изпълнени критериите за класификация.

#### **Мутагенност на зародишните клетки**

Продукт/ингредиент	изопропилов алкохол
Заключение:	Не са наблюдавани неблагоприятни ефекти

Въз основа на наличните данни не са изпълнени критериите за класификация.

#### **Канцерогенност**

Въз основа на наличните данни не са изпълнени критериите за класификация.

#### **Репродуктивна токсичност**

Въз основа на наличните данни не са изпълнени критериите за класификация.

#### **STOT-еднократна експозиция**

Продукт/ингредиент	изопропилов алкохол
Маршрут на експозиция:	Орално

Въз основа на наличните данни не са изпълнени критериите за класификация.

#### **STOT-повтаряща се експозиция**

Въз основа на наличните данни не са изпълнени критериите за класификация.

#### **Опасност при вдишване**

Въз основа на наличните данни не са изпълнени критериите за класификация.

### **11.2. Информация за други опасности**

#### **Дългосрочни ефекти**

Никой познат.

### Свойства, нарушаващи функциите на ендокринната система

Тази смес/този продукт не съдържа вещества, за които се счита, че имат вредно въздействие върху хормоните по отношение на здравето.

### Друга информация

изопропилов алкохол: Веществото е класифицирано като група 3 от IARC.

## РАЗДЕЛ 12: ЕКОЛОГИЧНА ИНФОРМАЦИЯ

### 12.1. Токсичност

Продукт/ингредиент	изопропилов алкохол
Видове:	Риби, Goudwinde ( <i>Leuciscus idus</i> )
Продължителност:	48 часа
Изпитване:	LC50
Резултат:	>100 mg/L

Продукт/ингредиент	изопропилов алкохол
Видове:	Ракообразни, <i>Daphnia magna</i>
Продължителност:	48 часа
Изпитване:	EC50
Резултат:	>100 mg/L

Продукт/ингредиент	изопропилов алкохол
Видове:	Водорасли, <i>Scenedesmus subspicatus</i>
Продължителност:	72 часа
Изпитване:	EC50
Резултат:	>100 mg/L

Продукт/ингредиент	2-феноксиетанол
Видове:	Риби
Продължителност:	96 часа
Изпитване:	LC50
Резултат:	>100 mg/L

Продукт/ингредиент	2-феноксиетанол
Видове:	Водорасли
Продължителност:	72 часа
Изпитване:	ErC50
Резултат:	>100 mg/L

Продукт/ингредиент	2-феноксиетанол
Видове:	<i>Daphnia magna</i>
Продължителност:	48 часа
Изпитване:	EC50
Резултат:	>100 mg/L

Продукт/ингредиент	2-феноксиетанол
Видове:	Риби
Изпитване:	NOEC
Резултат:	23 mg/L

Продукт/ингредиент	2-феноксиетанол
Видове:	Andere waterorganismen
Продължителност:	30 minutes

Изпитване: EC50  
Резултат: >1000 mg/L

Въз основа на наличните данни не са изпълнени критериите за класификация.

### 12.2. Устойчивост и разградимост

Продукт/ингредиент: изопропилов алкохол  
Резултат: 95%  
Заключение: Пряка биоразградимост  
Изпитване: ОИСП 301 Е

Продукт/ингредиент: 2-феноксietанол  
Резултат: >70  
Заключение: Пряка биоразградимост  
Изпитване: ОИСП 301 А

### 12.3. Биоакмулираща способност

Продукт/ингредиент: изопропилов алкохол  
BCF: <100  
LogKow: <3  
Заключение: -

Продукт/ингредиент: 2-феноксietанол  
BCF: 0.349  
LogKow: 1.2  
Заключение: -

### 12.4. Преносимост в почвата

Няма налични данни.

### 12.5. Резултати от оценката на РВТ и vPvB

Тази смес/продукт не съдържа вещества, считани за отговарящи на критерии, класифициращи ги като РВТ и/или vPvB.

### 12.6. Свойства, нарушаващи функциите на ендокринната система

Тази смес/този продукт не съдържа вещества, за които се счита, че имат свойства, нарушаващи функциите на ендокринната система, по отношение на околната среда.

### 12.7. Други неблагоприятни ефекти

Никой познат.

## РАЗДЕЛ 13: ОБЕЗВРЕЖДАНЕ НА ОТПАДЪЦИТЕ

### 13.1. Методи за третиране на отпадъци

Този продукт не е включен в разпоредбите за опасни отпадъци.  
Регламент (ЕС) № 1357/2014 на Комисията от 18 декември 2014 относно отпадъците.

*EWC код:*  
20 01 30 други детергенти, освен тези, посочени в 20 01 29

### Замърсени опаковки

Опаковки, които съдържат остатъци от продукта трябва да се изхвърлят по същия начин както продукта.

## РАЗДЕЛ 14: ИНФОРМАЦИЯ ОТНОСНО ТРАНСПОРТИРАНЕТО

	14.1 ООН	14.2 Точно наименование	14.3 Клас(ове) на опасност при транспортиране	14.4 PG*	14.5. Env**	Друга информаци я:
ADR	1950	AEROSOLS	Клас: 2 Етикети: 2.2 Класификационен код: 5A	-	Не	Ограничени количества: 1 L

	14.1 ООН	14.2 Точно наименование	14.3 Клас(ове) на опасност при транспортиране	14.4 PG*	14.5. Env**	Друга информаци я:
						Транспортна категория: 3 (E) Вижте по-долу за допълнителна информация.
IMDG	1950	AEROSOLS	Клас: 2 Етикети: 2.2 Класификационен код: 5A	-	Не	Ограничени количества: 1 L EmS: F-D S-U Вижте по-долу за допълнителна информация.
IATA	1950	AEROSOLS	Клас: 2 Етикети: 2.2 Класификационен код: 5A	-	Не	Вижте по-долу за допълнителна информация.

\* Опаковъчна група

\*\* Опасности за околната среда

#### Допълнителна информация

Този продукт е обхванат от конвенциите за опасни стоки.

ADR / Вж. Таблица А, раздел 3.2.1 за информация относно специални разпоредби, изисквания или предупреждения във връзка с транспорта. Вижте раздел 5.4.3 за писмени инструкции относно намаляването на щети във връзка с инциденти или злополуки по време на транспорт.

IMDG / Вж. раздел 3.2.1 за информация относно специални разпоредби, изисквания или предупреждения във връзка с транспорта.

IATA / Вж. Таблица 4.2, за информация относно специални разпоредби, изисквания или предупреждения във връзка с транспорта.

#### 14.6. Специални предпазни мерки за потребителите

Не е приложимо.

#### 14.7. Морски транспорт на товари в насипно състояние съгласно инструменти на Международната морска организация

Няма налични данни.

## РАЗДЕЛ 15: ИНФОРМАЦИЯ ОТНОСНО НОРМАТИВНАТА УРЕДБА

### 15.1. Специфични за веществото или сместа нормативна уредба/законодателство относно безопасността, здравето и околната среда

Ограничения за приложение:

Само за професионална употреба.

*Търсене за конкретно образование:*

Няма специфични изисквания.

*SEVESO - КАТЕГОРИИ НА ОПАСНОСТ / ПОИМЕННО ПОСОЧЕНИ ОПАСНИ ВЕЩЕСТВА:*

Не е приложимо.

*REACH, Приложение XVII:*

изопропилов алкохол. Химическото вещество подлежи на ограничения съгласно REACH (Вписване № 40).

етанол; етилов алкохол. Химическото вещество подлежи на ограничения съгласно REACH (Вписване № 40).

*Етикетиране на съдържанието съгласно Регламент 648/2004 за детергентите:*

< 5%

- Анионни повърхностноактивни вещества
- Неионогенни повърхностноактивни вещества
- Парфюми
- Консервант (PHENOXYETHANOL)

*Допълнителна информация:*

Не е приложимо.

*Източници:*

НАРЕДБА № РД-07-4 ОТ 15 ЮНИ 2015 Г. ЗА ПОДОБРЯВАНЕ НА УСЛОВИЯТА НА ТРУД НА БРЕМЕННИ РАБОТНИЧКИ И НА РАБОТНИЧКИ РОДИЛКИ ИЛИ КЪРМАЧКИ.

Регламент (ЕО) № 648/2004 на Европейския парламент и на Съвета от 31 март 2004 година относно детергентите.

Регламент (ЕС) № 1357/2014 на Комисията от 18 декември 2014 година относно отпадъците.

Регламент (ЕО) № 1272/2008 на Европейския парламент и на Съвета от 16 декември 2008 година относно класифицирането, етикетирането и опаковането на вещества и смеси (CLP).

Регламент (ЕО) № 1907/2006 на Европейския парламент и на Съвета от 18 декември 2006 година относно регистрацията, оценката, разрешаването и ограничаването на химикали (REACH).

## 15.2. Оценка на безопасността на химично вещество или смес

Не

## РАЗДЕЛ 16: ДРУГА ИНФОРМАЦИЯ

### Пълният текст на H-фразите са посочени в раздел 3

H225, Силно запалими течност и пари.

H302, Вреден при поглъщане.

H318, Предизвиква сериозно увреждане на очите.

H319, Предизвиква сериозно дразнене на очите.

H335, Може да предизвика дразнене на дихателните пътища.

H336, Може да предизвика сънливост или световъртеж.

### Съкращения и акроними

ADN = Европейско споразумение за международен превоз на опасни товари по вътрешни водни пътища

ADR = Европейска спогодба за международен превоз на опасни товари по шосе

ATE = Оценка на острата токсичност

BCF = Фактор на биоконцентрация

CAS = Химическа реферативна служба

CE = Сценарий на експозиция

CLP = Регламент за класифицирането, етикетирането и опаковането [Регламент (ЕО) №1272/2008]

CSA = Оценка за безопасност на химично вещество

CSR = Доклад за безопасност на химично вещество

DMEL = Изчислено ниво с минимален ефект

DNEL = Изчислено ниво без ефект

EINECS = Европейски инвентаризационен списък на съществуващите търговски химични вещества

EUH statement = CLP предупреждение за специфична опасност

EuPCS = Европейска система за категоризация на продукти

EWC = Европейски каталог на отпадъците

GHS = Глобална хармонизирана система за класифициране и етикетиране на химични вещества

IATA = Международна асоциация за въздушен транспорт

IBC = Средноголям контейнер за насипен товар

IMDG = Международен превоз на опасни товари по море  
LogPow = Логаритъм от коефициента на разпределение октанол/вода  
MARPOL 73/78 = Международна конвенция за предотвратяване замърсяването от кораби, 1973, изменена с протокол от 1978 г. ("Магпол" = замърсяване на морските води)  
ОИСР = Организация за Икономическо Сътрудничество и Развитие  
ОН = Обединени нации  
ПГЗ = Потенциалът за глобално затопляне  
PBT = Устойчиво, биоакмулиращо и токсично  
PNEC = Изчислена концентрация без ефект  
RID = Разпоредби за международен превоз на опасни товари с железопътен транспорт  
RRN = Регистрационен номер съгласно REACH  
SCL = специфична пределна концентрация.  
STOT-RE = Специфична токсичност за определен орган - многократна експозиция  
STOT-SE = Специфична токсичност за определен орган - еднократна експозиция  
SVHC = Вещества, предизвикващи сериозно безпокойство  
TWA = Средна премерена във времето  
UVCB = вещества с неизвестен или променлив състав, продукти от сложни реакции или биологични материали.  
ЛОС = Летливо органично съединение  
vPvB = Много устойчиво и много биоакмулиращо

#### **Допълнителна информация**

Не е приложимо.

#### **Информационният лист за безопасност е потвърден от**

Quality & Compliance

#### **Други**

Промяната (пропорционално на последната съществена промяна (първи шифър в SDS версия)) се отбелязва със триъгълник.

Информацията в този информационен лист за безопасност се отнася само за този конкретен продукт (посочен в раздел 1) и не е задължително да се коригира за използване на други химикали/продукти.

Препоръчително е този информационен лист за безопасност да се предаде на действителния потребител на продукта. Информацията в този информационен лист за безопасност не може да се използва като спецификация на продукта.

Държава-език: BG-bg

## FICHA DE INFORMAÇÕES DE SEGURANÇA

# i.26 kitchen polish (Alu-Air)

## SEÇÃO 1: IDENTIFICAÇÃO DO PRODUTO E DA EMPRESA

### 1.1. Identificação do produto

*Nome comercial:*

i.26 kitchen polish (Alu-Air)

### 1.2. Utilizações identificadas relevantes da substância ou mistura e utilizações desaconselhadas

*Usos identificados relevantes da substância ou mistura:*

Detergentes e agentes de limpeza (incluindo os à base de solvente)  
Somente para uso de profissionais.

*Utilizações desaconselhadas:*

Nenhum conhecido.

### 1.3. Identificação do fornecedor da ficha de informações de segurança de produto químico

*Empresa e endereço:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*Revisão:*

26/05/2025

*Versão FDS:*

1.0

### 1.4. Número de telefone para emergências

Tel (ambulância): 192 Consultar a seção 4 "Medidas de primeiros socorros"

## SEÇÃO 2: IDENTIFICAÇÃO DE PERIGOS

Classificado de acordo com a ABNT NBR 14725-2.

### 2.1. Classificação da substância ou mistura

Aerosol 3; H229, Recipiente pressurizado: pode romper se aquecido.

### 2.2. Elementos de rotulagem

*Pictograma(s) de perigo:*

Não aplicável.

*Palavra(s) de advertência:*

Atenção

*Frase(s) de perigo:*

Recipiente pressurizado: pode romper se aquecido. (H229)

*Recomendação(ões) de Prudência:*

**Geral:**

-

**Prevenção:**

Mantenha afastado do calor, faísca, chama aberta, superfícies quentes.- Não fumar. (P210)  
Não perfure ou queime, mesmo após o uso. (P251)

**Resposta:**

-

**Armazenamento:**

Manter ao abrigo da luz solar. Não exponha a temperaturas superiores a 50 °C/122°F. (P410+P412)

**Eliminação:**

-

**Identificação das substâncias primariamente responsáveis pelos principais perigos para a saúde:**

Não contém quaisquer substâncias a serem reportadas.

**Rotulagem adicional:**

Não aplicável.

## SEÇÃO 3: COMPOSIÇÃO E INFORMAÇÕES SOBRE OS INGREDIENTES

### 3.1. Substâncias

Não aplicável. Este produto é uma mistura.

### 3.2. Misturas

Produto/Ingrediente	Identificadores	% w/w	Classificação	Notação
álcool isopropílico	N.º CAS: 67-63-0 N.º CE: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
etanol;álcool etílico	N.º CAS: 64-17-5 N.º CE: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoxietanol	N.º CAS: 122-99-6 N.º CE: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

Consultar texto integral de advertências de perigo na seção 16. Limites de exposição ocupacionais enumerados na seção 8, se estes se encontrarem disponíveis.

### Outras informações

-

## SEÇÃO 4: MEDIDAS DE PRIMEIROS SOCORROS

### 4.1. Descrição das medidas de primeiros socorros

**Informação Geral:**

Em caso de acidente: Contate um médico ou serviço de urgência - leve a etiqueta ou esta ficha de dados de segurança.

Contate um médico se tiver dúvidas sobre o estado de uma pessoa ferida ou se os sintomas perdurarem. Nunca ofereça dê água ou semelhante a uma pessoa inconsciente.

**Inalação:**

No caso de dificuldades de respiração ou irritação do sistema respiratório: Remova a pessoa para local ventilado e mantenha acompanhada

*Contato com a pele:*

Remova imediatamente o vestuário contaminado e os sapatos. A pele que tenha estado em contato com o material deve ser lavada com bastante água e sabão. Usar um produto de limpeza para a pele. NÃO use solventes ou diluentes.

*Contato com os olhos:*

Em caso de contato com os olhos: Lave os olhos com água (20-30 °C) durante pelo menos 5 minutos. Remova as lentes de contacto. Telefone para um médico.

*Ingestão:*

Se a pessoa estiver consciente, enxágue a boca com água e fique com a pessoa. Se a pessoa se sentir mal, contate imediatamente um médico e leve esta ficha de segurança de produtos químicos ou a etiqueta do produto consigo. Não induza o vômito salvo recomendação do médico. Mantenha a face virada para baixo para que o vômito não retroceda para a boca e garganta.

*Queimaduras:*

Não aplicável.

#### **4.2. Sintomas e efeitos mais importantes, tanto agudos como retardados**

Nenhum conhecido.

#### **4.3. Indicações sobre cuidados médicos urgentes e tratamentos especiais necessários**

Tratar sintomaticamente.

#### **Notas para omédico**

Leve este folha de informações de segurança de produto químicos ou a etiqueta do material com você.

## **SEÇÃO 5: MEDIDAS DE COMBATE A INCÊNDIO**

### **5.1. Meios de extinção**

Não aplicável.

### **5.2. Perigos específicos da substância ou mistura**

Recipiente pressurizado. Em um incêndio ou se aquecido, ocorrerá um aumento de pressão e o recipiente pode estourar.

No caso de fogo, pode gerar uma fumaça densa. A exposição a produtos catabólicos pode provocar a morte. Os recipientes fechados, que estão expostos ao fogo, devem ser resfriados com água. Não permita que a água usada para combater o incêndio escoar para os esgotos ou outros cursos de água.

Se o produto for exposto a temperaturas elevadas, como no caso de um incêndio, são produzidas substâncias catabólicas perigosas. Estas são:

Óxidos de carbono (CO / CO<sub>2</sub>)

Alguns óxidos metálicos

### **5.3. Medidas de proteção da equipe de combate a incêndio**

Use equipamento autônomo de respiração e vestuário de proteção para evitar o contacto.

## **SEÇÃO 6: MEDIDAS DE CONTROLE PARA DERRAMAMENTO OU VAZAMENTO**

### **6.1. Precauções pessoais, equipamento de proteção e procedimentos de emergência**

Assegurar uma ventilação adequada, especialmente em áreas confinadas.

As áreas contaminadas podem ser escorregadias.

### **6.2. Precauções ao meio ambiente**

Evite a descarga em lagos, correntes de água, esgotos, etc.

Manter as pessoas não autorizadas longe do derrame

### **6.3. Métodos e materiais para a contenção e limpeza**

Contenha e recolha produtos derramados com material não combustível e absorvente, por exemplo, areia, terra, vermiculite ou terra de diatomáceas e coloque num recipiente para eliminação de acordo com os regulamentos locais.

Deve ser feita uma limpeza, tanto quanto possível, usando agentes de limpeza normais. Evitar o uso de solventes.

#### 6.4. Remissão para outras secções

Consulte a seção 13 "Considerações relativas à eliminação" para o manuseio de resíduos.  
Consulte a seção 8 "controle da exposição/Proteção individual" para medidas preventivas.

## SEÇÃO 7: MANUSEIO E ARMAZENAMENTO

### 7.1. Precauções para manuseio seguro

Não perfure ou queime, mesmo após o uso.

Fumar, consumir alimentos ou líquidos e armazenar tabaco, alimentos ou líquidos, não é permitido nas salas de trabalho.

Consulte a seção "controle da exposição/Proteção individual" para informação sobre proteção pessoal.

### 7.2. Condições de armazenamento seguro, incluindo qualquer incompatibilidade

Armazene em recipientes hermeticamente fechados e guarde protegido da humidade e da luz. Os recipientes devem ser datados quando abertos e testados periodicamente quando há presença de peróxidos. Não exceda os períodos limites de armazenagem.

Os recipientes abertos devem ser cuidadosamente fechados novamente e mantidos na vertical para impedir vazamentos.

*Compatibilidade das embalagens:*

Mantenha sempre o produto na sua embalagem original.

*Condições de armazenamento:*

Ambiente seco, fresco e bem ventilado

*Materiais incompatíveis:*

Ácidos fortes, bases fortes, fortes agentes oxidantes e fortes agentes catabólicos.

### 7.3. Utilização(ões) final(is) específica(s)

Este produto apenas deve ser usado para as aplicações descritas na seção 1.2.

## SEÇÃO 8: CONTROLE DE EXPOSIÇÃO E PROTEÇÃO INDIVIDUAL

### 8.1. Parâmetros de controle

álcool isopropílico

Limite de tolerância (mg/m<sup>3</sup>): 765

Limite de tolerância (ppm): 310

Notação:

Absorção também pela pele = Possibilidade de absorção significativa através de pele.

etanol;álcool etílico

Limite de tolerância (mg/m<sup>3</sup>): 1480

Limite de tolerância (ppm): 780

NR 15 - Atividades e operações insalubres Anexo n.º 11 Agentes químicos cuja insalubridade é caracterizada por limite de tolerância e inspeção no local de trabalho.

### 8.2. Medidas de controle de engenharia

O cumprimento com os limite de exposição deve ser verificada com regularidade.

*Recomendações gerais:*

Fumar, consumir alimentos ou líquidos e armazenar tabaco, alimentos ou líquidos, não é permitido nas salas de trabalho.

*Cenários de exposição:*

Não existem cenários de exposição para este produto.

*Limites de exposição:*

Os usuários profissionais estão sujeitas as normas da legislação para o ambiente de trabalho que define as concentrações máximas para exposição. Consulte os valores limite de exposição.

*Medidas técnicas apropriadas:*

A formação de vapor deve ser mantida a um valor mínimo e abaixo dos valores limite atuais (ver acima). É recomendável instalar um sistema de escape local se o fluxo de ar normal na sala de trabalho não for o suficiente. Os repuxos e duchas para lavagem de olhos no caso de emergência devem estar devidamente assinalados. Aplicar as precauções padrão quando utilizar o produto. Evitar a inalação de vapores.

**Medidas de higiene:**

Sempre que fizer uma pausa na utilização deste produto e quando tiver terminado de o utilizar, todas as áreas do corpo expostas, devem ser lavadas. Dê especial atenção às mãos, antebraços e rosto.

**Medidas para evitar a exposição ambiental:**

Sem requisitos específicos.

**Medidas de proteção Pessoal**

**Geralmente:**

Usar apenas equipamento de proteção com a marcação 'CA'.

**Equipamento respiratórios:**

Tipo	Classe	Cor	Normas	
Sem indicações especiais quando utilizado como indicado.				

**Proteção da pele:**

Recomendado	Tipo/Categoria	Normas	
Sem indicações especiais quando utilizado como indicado	-	-	

**Proteção das mãos:**

Situação de trabalho	Material	Espessura mínima da capa (mm)	Pausa através do tempo (min.)	Normas	
	Sem indicações especiais quando utilizado como indicado	-	-	-	
Em casos de exposição prolongada ou concentrações altas	Algodão / Borracha nitrílica	-	> 240	EN374-2, EN16523-1, EN388	

**Proteção dos olhos:**

Tipo	Normas	
Sem indicações especiais quando utilizado como indicado.	-	

## SEÇÃO 9: PROPRIEDADES FÍSICAS E QUÍMICAS

### 9.1. Informações sobre propriedades físicas e químicas de base

**Aspecto:**

Líquido

**Cor:**

Branco

**Odor / Limite de odor (ppm):**

De perfume

**pH:**

ca. 9

*Densidade (g/cm<sup>3</sup>):*  
1,06 (20 °C)

*Viscosidade:*  
Nenhum dado disponível.

*Viscosidade dinâmica:*  
ca 1000 mPa.s (20 °C)

*Características das partículas:*  
Não se aplica aos líquidos.

#### **Alterações da fase**

*Ponto de fusão/ponto de congelação (°C):*  
Nenhum dado disponível.

*Ponto/intervalo de amolecimento (°C):*  
Não se aplica aos líquidos.

*Ponto de ebulição (°C):*  
Nenhum dado disponível.

*Pressão de vapor:*  
Nenhum dado disponível.

*Densidade relativa do vapor:*  
Nenhum dado disponível.

*Temperatura de decomposição (°C):*  
Nenhum dado disponível.

#### **Dados sobre os perigos de fogo e explosão**

*Ponto de fulgor (°C):*  
Nenhum dado disponível.

*Ignição (°C):*  
Nenhum dado disponível.

*Temperatura de autoignição (°C):*  
Nenhum dado disponível.

*Limite inferior/superior de inflamabilidade eu explosividade (% v/v):*  
Nenhum dado disponível.

#### **Solubilidade**

*Solubilidade na água:*  
Nenhum dado disponível.

*Coefficiente de partição: n-octanol/água (LogKow):*  
Nenhum dado disponível.

*Solubilidade em gordura (g/L):*  
Nenhum dado disponível.

#### **9.2. Outras informações**

*Outros parâmetros físicos e químicos:*  
Nenhum dado disponível.

*Propriedades oxidantes:*  
Nenhum dado disponível.

## **SEÇÃO 10: ESTABILIDADE E REATIVIDADE**

### **10.1. Reatividade**

Nenhum dado disponível.

### **10.2. Estabilidade química**

O produto é estável sob as condições mencionadas na seção 7 "Manuseamento e armazenagem".

### 10.3. Possibilidade de reações perigosas

Nenhum conhecido.

### 10.4. Condições a serem evitadas

Nenhum conhecido.

### 10.5. Materiais incompatíveis

Ácidos fortes, bases fortes, fortes agentes oxidantes e fortes agentes catabólicos.

### 10.6. Produtos perigosos da decomposição

Em condições normais de armazenamento e uso, não devem ser gerados produtos de decomposição perigosos.

## SEÇÃO 11: INFORMAÇÕES TOXICOLÓGICAS

### 11.1. Informações sobre as classes de perigo

#### Toxicidade aguda

Produto/Ingrediente	álcool isopropílico
Espécie:	Rato
Via de exposição:	Oral
Teste:	LD50
Resultado:	>2000 mg/kg

Produto/Ingrediente	álcool isopropílico
Espécie:	Coelho
Via de exposição:	Dérmico
Teste:	LD50
Resultado:	>2000 mg/kg

Produto/Ingrediente	álcool isopropílico
Espécie:	Rato
Via de exposição:	Inalação
Teste:	LC50
Resultado:	>20

Produto/Ingrediente	álcool isopropílico
Via de exposição:	Oral
Teste:	LD50
Resultado:	5849 mg/kg

Produto/Ingrediente	álcool isopropílico
Espécie:	Rato
Via de exposição:	Oral
Teste:	LD50
Resultado:	5840 mg/kg

Produto/Ingrediente	álcool isopropílico
Espécie:	Coelho
Via de exposição:	Dérmico
Teste:	LD50
Resultado:	12800 mg/kg

Produto/Ingrediente	álcool isopropílico
Via de exposição:	Inalação
Teste:	LC50
Resultado:	301002 mg/L

Produto/Ingrediente	2-fenoxietanol
Espécie:	Rato
Via de exposição:	Oral

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Teste: LD50  
Resultado: 1840 mg/kg

Produto/Ingrediente 2-fenoxietanol  
Espécie: Coelho  
Via de exposição: Dérmico  
Resultado: >5000 mg/kg

Com base nos dados disponíveis, não atende os critérios de classificação.

#### **Corrosão/irritação da pele**

Produto/Ingrediente álcool isopropílico  
Método de ensaio: OCDE 404  
Espécie: Coelho  
Duração: 4 hours

Produto/Ingrediente 2-fenoxietanol  
Resultado: Efeitos adversos observados (Corrosivo)

Com base nos dados disponíveis, não atende os critérios de classificação.

#### **Lesões oculares graves/irritação ocular**

Produto/Ingrediente álcool isopropílico  
Espécie: Coelho  
Resultado: Efeitos adversos observados (Irritante)

Produto/Ingrediente álcool isopropílico  
Método de ensaio: OCDE 405  
Espécie: Coelho  
Resultado: Efeitos adversos observados (Provoca lesões oculares graves)

Produto/Ingrediente 2-fenoxietanol  
Resultado: Efeitos adversos observados (Provoca lesões oculares graves)

Com base nos dados disponíveis, não atende os critérios de classificação.

#### **Sensibilização respiratória**

Produto/Ingrediente álcool isopropílico  
Método de ensaio: OCDE 406  
Espécie: Cobaia  
Resultado: Nenhum efeito adverso observado (não sensibilizando)

Com base nos dados disponíveis, não atende os critérios de classificação.

#### **Sensibilização da pele**

Produto/Ingrediente álcool isopropílico  
Espécie: Cobaia  
Resultado: Nenhum efeito adverso observado (não sensibilizando)

Com base nos dados disponíveis, não atende os critérios de classificação.

#### **Mutagenicidade em células germinativas**

Produto/Ingrediente álcool isopropílico  
Conclusão: Nenhum efeito adverso observado

Com base nos dados disponíveis, não atende os critérios de classificação.

#### **Carcinogenicidade**

Com base nos dados disponíveis, não atende os critérios de classificação.

#### **Toxicidade à reprodução**

Com base nos dados disponíveis, não atende os critérios de classificação.

#### **Toxicidade para órgãos-alvo específicos (STOT) – exposição única**

Produto/Ingrediente álcool isopropílico  
Via de exposição: Oral

Com base nos dados disponíveis, não atende os critérios de classificação.

**Toxicidade para órgãos-alvo específicos (STOT) – exposição repetida; e**  
Com base nos dados disponíveis, não atende os critérios de classificação.

**Perigo por aspiração**  
Com base nos dados disponíveis, não atende os critérios de classificação.

## 11.2. Outras informações sobre outros perigos

**Efeitos a longo prazo**  
Nenhum conhecido.

**Propriedades desreguladoras do sistema endócrino**

**Outras informações**  
álcool isopropílico: A substância foi classificada como grupo 3 pela IARC.

## SEÇÃO 12: INFORMAÇÕES ECOLÓGICAS

### 12.1. Ecotoxicidade

Produto/Ingrediente	álcool isopropílico
Espécie:	Peixes, Goudwinde (Leuciscus idus)
Duração:	48 horas
Teste:	LC50
Resultado:	>100 mg/L

Produto/Ingrediente	álcool isopropílico
Espécie:	Crustáceos, Daphnia magna
Duração:	48 horas
Teste:	EC50
Resultado:	>100 mg/L

Produto/Ingrediente	álcool isopropílico
Espécie:	Algas, Scenedesmus subspicatus
Duração:	72 horas
Teste:	EC50
Resultado:	>100 mg/L

Produto/Ingrediente	2-fenoxietanol
Espécie:	Peixes
Duração:	96 horas
Teste:	LC50
Resultado:	>100 mg/L

Produto/Ingrediente	2-fenoxietanol
Espécie:	Algas
Duração:	72 horas
Teste:	ErC50
Resultado:	>100 mg/L

Produto/Ingrediente	2-fenoxietanol
Espécie:	Daphnia magna
Duração:	48 horas
Teste:	EC50
Resultado:	>100 mg/L

Produto/Ingrediente	2-fenoxietanol
Espécie:	Peixes
Teste:	NOEC
Resultado:	23 mg/L

Produto/Ingrediente	2-fenoxietanol
Espécie:	Andere waterorganismen

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Duração: 30 minutos  
 Teste: EC50  
 Resultado: >1000 mg/L

Com base nos dados disponíveis, não atende os critérios de classificação.

### 12.2. Persistência e degradabilidade

Produto/Ingrediente álcool isopropílico  
 Resultado: 95%  
 Conclusão: Elevada biodegradabilidade  
 Teste: OCDE 301 E

Produto/Ingrediente 2-fenoxietanol  
 Resultado: >70  
 Conclusão: Elevada biodegradabilidade  
 Teste: OCDE 301 A

### 12.3. Potencial bioacumulativo

Produto/Ingrediente álcool isopropílico  
 BCF: <100  
 LogKow: <3  
 Conclusão: -

Produto/Ingrediente 2-fenoxietanol  
 BCF: 0.349  
 LogKow: 1.2  
 Conclusão: -

### 12.4. Mobilidade no solo

Nenhum dado disponível.

### 12.7. Outros efeitos adversos

Nenhum conhecido.

## SEÇÃO 13: CONSIDERAÇÕES SOBRE DESTINAÇÃO FINAL

### Métodos recomendados para destinação final

Este produto não é abrangido pelos regulamentos sobre resíduos perigosos.

### Embalagem contaminada

As embalagens que contenham restos do produto devem ser descartadas da mesma forma que o produto.

## SEÇÃO 14: INFORMAÇÕES SOBRE TRANSPORTE

	14.1 ONU	14.2 Nome apropriado para embarque	14.3 Classe/subclasse	14.4 PG*	14.5. Env**	Outras informações :
ANTT	1950	AEROSOLS	Classe: 2 Etiquetas: 2.2 Código de classificação: 5A	-	Não	Quantidades limitadas: 1 L Código de restrição em túneis: 3 (E) Vide maiores informações abaixo.
IMDG	1950	AEROSOLS	Classe: 2	-	Não	Quantidades

	14.1 ONU	14.2 Nome apropriado para embarque	14.3 Classe/subclasse	14.4 PG*	14.5. Env**	Outras informações :
			Etiquetas: 2.2 Código de classificação: 5A			limitadas: 1 L EmS: F-D S-U Vide maiores informações abaixo.
IATA	1950	AEROSOLS	Classe: 2 Etiquetas: 2.2 Código de classificação: 5A	-	Não	Vide maiores informações abaixo.

\* Grupo de embalagem

\*\* Perigo ao meio ambiente

#### Informação adicional

Este produto se enquadra no escopo das convenções sobre mercadorias perigosas.

ANTT / Consulte a Tabela A, seção 3.2.1 para obter quaisquer informações sobre disposições especiais, requisitos ou avisos relacionados com transporte. Consulte a seção 5.4.1 para obter instruções sobre como escrever sobre atenuação de danos em relação a incidentes ou acidentes durante o transporte.

IMDG / Consulte a Seção 3.2.1 para obter quaisquer informações sobre disposições especiais, requisitos ou avisos relacionados com transporte.

IATA / Consulte a, Tabela 4.2 para obter quaisquer informações sobre disposições especiais, requisitos ou avisos relacionados com transporte.

#### 14.6. Precauções especiais para o utilizador

Não aplicável.

## SEÇÃO 15: INFORMAÇÕES SOBRE REGULAMENTAÇÕES

### 15.1. Regulamentação/legislação específica para a substância ou mistura em matéria de saúde, segurança e ambiente

#### Restrições a aplicação:

Somente para uso de profissionais.

#### Exigências para educação específica:

Sem requisitos específicos.

#### SEVESO - Categorias / Substâncias perigosas:

Não aplicável.

#### Informação adicional:

Não aplicável.

#### Fontes:

ABNT NBR 14725-2. Produtos químicos — Informações sobre segurança, saúde e meio ambiente Parte 2: Sistema de classificação de perigo.

Leis do Trabalho - CLT e normas correlacionadas.

### 15.2. Avaliação da segurança química

Não

## SEÇÃO 16: OUTRAS INFORMAÇÕES

### O texto integral das advertências de perigo- conforme mencionado na seção 3

H225, Líquido e vapores altamente inflamáveis.

H302, Prejudicial se for engolido.

H318, Provoca lesões oculares graves.

H319, Provoca irritação ocular grave.

H335, Pode provocar irritação das vias respiratórias.

H336, Pode provocar sonolência ou vertigem.

**O texto integral dos usos identificados conforme mencionado na secção 1**

Nenhum conhecido.

**Abreviaturas e siglas**

ABNT = Associação Brasileira de Normas Técnicas

ADR = Acordo Europeu relativo ao Transporte Internacional de Carga Perigosa por via terrestre

ANTT = Agência Nacional de Transporte Terrestre

ATE = Toxicidade Aguda Estimada

BCF = Fator de Bioconcentração

CAS = Chemical Abstracts Service

CA = Certificado de aprovação

DNEL = Nível Derivado sem Efeito

GHS = Sistema Harmonizado Globalmente para a Classificação e Rotulagem de Produtos Químicos

IATA = Associação Internacional de Transporte Aéreo

IBC = Recipiente intermediário a granel

IMDG = Transporte Marítimo Internacional de Material Perigoso

LogPow = logaritmo do octanol/coeficiente de partição da água

MARPOL = Convenção Internacional para a Prevenção da poluição por Navios, 1973 alterada pelo Protocolo de 1978.

("Marpol" = poluição da marinha)

mPmB = Muito Persistente e Muito Bioacumulável

NBR = Norma Brasileira Regulamentadora

OCDE = Organização de Cooperação e Desenvolvimento Económico

PBT = Persistente, Bioacumulável e Tóxico

PNEC = Concentração previsível sem efeito

UVBC = Composição desconhecida ou variável; contém produtos sujeitos a reação complexa ou composto de materiais biológicos.

**Informação adicional**

Não aplicável.

**A ficha de informações de segurança de produtos químicos é validada por**

Quality & Compliance

**Outro**

Uma alteração (na proporção da última mudança essencial (primeira cifra na versão FDS)) está assinalada com um triângulo.

A informação constante nesta ficha de informações de segurança de produtos químicos aplica-se apenas a este produto específico (mencionado na secção 1) e não se aplica necessariamente no caso de utilização de outros químicos/produtos.

Recomenda-se a entrega desta ficha de informações de segurança de produtos químicos ao utilizador atual do produto. A informação constante nesta ficha de informações de segurança de produtos químicos não pode ser usada como uma especificação do produto.

Idioma do país: BR-pt-BR

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

5/26/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

In an emergency call 911

Alberta / Northwestern Territories (PADIS): 1-800-332-1414

British Columbia (DPIC): 1-800-567-8911

Manitoba: 1-855-7POISON (1-855-776-4766)

New Brunswick: 911

Nova Scotia / Prince Edward Island (IWK): 1-800-565-8161

Ontario (OPC): 1-800-268-9017

Québec (CAPQ): 1-800-463-5060

Saskatchewan (PADIS): 1-866-454-1212

Yukon Territory: (867) 393-8700

Transport emergencies: Call CANUTEC at 1-888-CAN-UTEC (226-8832), 613-996-6666 or \*666 on a cellular phone (24 hours)

See also section 4 "First aid measures".

### SECTION 2: HAZARD(S) IDENTIFICATION

Classified as hazardous according to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272).

## 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

## 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

*Hazard statement(s):*

Pressurised container: May burst if heated. (H229)

*Precautionary statement(s):*

*General:*

-

*Prevention:*

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)

Do not pierce or burn, even after use. (P251)

*Response:*

-

*Storage:*

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

*Disposal:*

-

*Hazardous substances:*

Does not contain any substances required to report

*Additional labelling:*

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST-AID MEASURES

### 4.1. Description of first aid measures

*General information:*

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

*Inhalation:*

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

*Skin contact:*

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

*Eye contact:*

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

*Ingestion:*

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

*Burns:*

Not applicable.

### 4.2. Most important symptoms and effects, both acute and delayed

None known.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

Not applicable.

### 5.2. Special hazards arising from the substance or mixture

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact a poison centre in order to obtain further advice. See section 1 "Emergency telephone number".

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.  
Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.  
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.  
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Keep only in original packaging.

*Storage conditions:*

Dry, cool and well ventilated

*Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### ALBERTA

Aluminium oxide

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10

isopropyl alcohol

Long term exposure limit (8 hours) (ppm): 200

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 492

Short term exposure limit (15 minutes) (ppm): 400

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 984

ethanol;ethyl alcohol

Long term exposure limit (8 hours) (ppm): 1000

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1880

Occupational Health and Safety Code 2009 Order, Alta Reg 87/2009 (revised in 2018)

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#### BRITISH COLUMBIA

isopropyl alcohol  
Time-Weighted Average Limit (TWA): 200 ppm  
Short-Term Exposure Limit (STEL) / Ceiling Limit (C): 400 ppm  
ethanol;ethyl alcohol  
Short-Term Exposure Limit (STEL) / Ceiling Limit (C): 1000 ppm  
OHS Regulation Part 5: Chemical Agents and Biological Agents.

---

ONTARIO  
isopropyl alcohol  
Time-Weighted Average Limit (TWA): 200 ppm  
Short-Term Exposure Limit (STEL) / Ceiling Limit (C): 400 ppm  
ethanol;ethyl alcohol  
Short-Term Exposure Limit (STEL) / Ceiling Limit (C): 1,000 ppm  
2-phenoxyethanol  
Time-Weighted Average Limit (TWA): 25 ppm / 141 mg/m<sup>3</sup>  
Annotations:  
"Skin" = Danger of cutaneous absorption.

Regulation 833 (Control of Exposure to Biological or Chemical Agents) and Ontario Regulation 490/09 (Designated Substances)

---

QUEBEC  
Aluminium oxide  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10  
Annotations:  
Td = Total dust.  
Note 1= The standard corresponds to dust containing no asbestos and the percentage in crystalline silica is less than 1%.  
isopropyl alcohol  
Long term exposure limit (8 hours) (ppm): 400  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 985  
Regulation respecting occupational health and safety (Chapter S-2.1, r. 13)

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SASKATCHEWAN  
Aluminium oxide  
Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10  
Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 20  
isopropyl alcohol  
Long term exposure limit (8 hours) (ppm): 200  
Short term exposure limit (15 minutes) (ppm): 400  
ethanol;ethyl alcohol  
Long term exposure limit (8 hours) (ppm): 1000  
Short term exposure limit (15 minutes) (ppm): 1250  
The Occupational Health and Safety Regulations, 2020, Chapter S15.1 Reg 10.

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### *General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

### *Exposure scenarios:*

There are no exposure scenarios implemented for this product.

### *Exposure limits:*

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### *Appropriate technical measures:*

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*

No specific requirements.

**Individual protection measures, such as personal protective equipment**

*Generally:*

Use only protective equipment with a recognized certification mark, e.g. the UL mark.

*Respiratory Equipment:*

Type	Class	Colour	Standards	
No special when used as intended.				

*Skin protection:*

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Eye protection:*

Type	Standards	
No special when used as intended.	-	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Physical state:*

Liquid

*Colour:*

White

*Odour:*

Of perfume

*Odour threshold (ppm):*

No data available.

*pH:*

ca. 9

*Density (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematic viscosity:*

No data available.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

**Phase changes**

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°F):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

**Data on fire and explosion hazards**

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Explosion limits (% v/v):*

No data available.

**Solubility**

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

**9.2. Other information**

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## SECTION 10: STABILITY AND REACTIVITY

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

## 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# SECTION 11: TOXICOLOGICAL INFORMATION

## 11.1. Information on toxicological effects

### Acute toxicity

Product/substance	Aluminium oxide
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 5 mg/L

Product/substance	Aluminium oxide
Species:	Rat
Route of exposure:	Oral
Result:	> 5000 mg/kg

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>20

Product/substance	isopropyl alcohol
Route of exposure:	Oral
Test:	LD50
Result:	5849 mg/kg

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5840 mg/kg

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	12800 mg/kg

Product/substance	isopropyl alcohol
Route of exposure:	Inhalation
Test:	LC50
Result:	301002 mg/L

Product/substance	2-phenoxyethanol
-------------------	------------------

Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1840 mg/kg

Product/substance	2-phenoxyethanol
Species:	Rabbit
Route of exposure:	Dermal
Result:	>5000 mg/kg

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Product/substance	isopropyl alcohol
Test method:	OECD 404
Species:	Rabbit
Duration:	4 hours

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

#### Serious eye damage/irritation

Product/substance	Aluminium oxide
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Product/substance	isopropyl alcohol
Species:	Rabbit
Result:	Adverse effect observed (Irritating)

Product/substance	isopropyl alcohol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

#### Respiratory sensitisation

Product/substance	isopropyl alcohol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Skin sensitisation

Product/substance	isopropyl alcohol
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### Germ cell mutagenicity

Product/substance	isopropyl alcohol
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

#### Carcinogenicity

Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### STOT-single exposure

Product/substance	isopropyl alcohol
-------------------	-------------------

Route of exposure: Oral

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

None known.

**Other information**

isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

Product/substance isopropyl alcohol  
Species: Fish, Goudwinde (*Leuciscus idus*)  
Duration: 48 hours  
Test: LC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Crustacean, *Daphnia magna*  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, *Scenedesmus subspicatus*  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: *Daphnia magna*  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC  
Result: 23 mg/L

Product/substance 2-phenoxyethanol  
Species: Andere waterorganismen

Conforms to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272)

Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

### 12.3. Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

None of the components are listed

### Specific labelling

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
TDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E)

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
						See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S- U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

#### Additional information

This product is within scope of the regulations of transport of dangerous goods.

TDG / See Schedule 1 for any information on special provisions, requirements, or warnings in connection with transport. See part 3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.2. Canadian lists

*NDSL:*

None of the components are listed

*DSL:*

Aluminium oxide  
isopropyl alcohol  
ethanol;ethyl alcohol  
2-phenoxyethanol

#### 15.4. Restrictions for application

Restricted to professional users.

**15.5. Demands for specific education**

No specific requirements.

**Additional information**

Not applicable.

**15.7. Chemical safety assessment**

No

**Sources**

Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272)

## SECTION 16: OTHER INFORMATION

**Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.  
H302, Harmful if swallowed.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H335, May cause respiratory irritation.  
H336, May cause drowsiness or dizziness.

**The full text of identified uses as mentioned in section 1**

None known.

**Abbreviations and acronyms**

ANSI = American National Standards Institute  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
DSL = Domestic Substances List  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
HHNOC = Health Hazards Not Otherwise Classified  
IARC = International Agency for Research on Cancer  
IATA = International Air Transport Association  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
NDSL = Non-domestic substances list  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PHNOC = Physical Hazards Not Otherwise Classified  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
SCL = A specific concentration limit.  
SOR = Statutory Orders and Regulations  
STEL = Short-term exposure limits  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TDG = Transportation of Dangerous Goods  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative  
WHIMS = Workplace Hazardous Materials Information System

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: CA-en

## FICHE DE DONNÉES DE SÉCURITÉ

# i.26 kitchen polish (Alu-Air)

### RUBRIQUE 1: IDENTIFICATION.

#### 1.1. Identificateur de produit

*Marque commerciale:*

i.26 kitchen polish (Alu-Air)

#### 1.2. Utilisations identifiées pertinentes de la substance ou du mélange et utilisations déconseillées

*Utilisations identifiées pertinentes de la substance ou du mélange:*

Produits de lavage et de nettoyage (y compris produits à base de solvants)  
Réservé aux utilisateurs professionnels.

*Utilisations déconseillées :*

Aucune connue.

#### 1.3. Renseignements concernant le fournisseur de la fiche de données de sécurité

*Nom et adresse de l'entreprise:*

**Hygeniq B.V.**

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

*Courriel:*

info@hygeniq.com

*Fiche de données de sécurité rédigée le:*

2025-05-26

*Version de la fiche de données de sécurité:*

1.0

#### 1.4. Numéro d'appel d'urgence

Dans un cas d'urgence contacter 911

Alberta / Territoires du Nord-Ouest (PADIS): 1-800-332-1414

Colombie-Britannique (DPIC): 1-800-567-8911

Manitoba: 1-855-7POISON (1-855-776-4766)

Nouveau-Brunswick: 911

Nouvelle-Écosse / Île-du-Prince-Édouard (IWK): 1-800-565-8161

Ontario (CAO): 1-800-268-9017

Québec (CAPQ): 1-800-463-5060

Saskatchewan (PADIS): 1-866-454-1212

Yukon: (867) 393-8700

D'urgence, transport: Veuillez contacter CANUTEC au 1-888-CAN-UTEC (226-8832), 613-996-6666 ou \*666 sur un téléphone cellulaire (24 h)

Voir la rubrique 4 concernant premiers secours.

### RUBRIQUE 2: IDENTIFICATION DES DANGERS

Classé comme dangereux conformément au Règlement sur les produits dangereux DORS/2015-17 (tel que modifié)

par DORS/2022-272).

### 2.1. Classification de la substance ou du mélange

Aerosol 3; H229, Récipient sous pression: peut éclater sous l'effet de la chaleur.

### 2.2. Éléments d'étiquetage

*Pictogramme(s) de danger:*

Sans objet.

*Mention d'avertissement:*

Attention

*Mention(s) de danger:*

Récipient sous pression: peut éclater sous l'effet de la chaleur. (H229)

*Conseil(s) de prudence:*

*Précautions:*

-

*générales:*

Tenir à l'écart de la chaleur, des surfaces chaudes, des étincelles, des flammes nues et de toute autre source d'inflammation. Ne pas fumer. (P210)

Ne pas perforer, ni brûler, même après usage. (P251)

*Intervention:*

-

*Stockage:*

Protéger du rayonnement solaire. Ne pas exposer à une température supérieure à 50 °C/ 122 °F. (P410+P412)

*Élimination:*

-

*Contient:*

Ne contient pas de substances dont la déclaration est obligatoire

*Autre étiquetage:*

Sans objet.

## RUBRIQUE 3: COMPOSITION/INFORMATIONS SUR LES COMPOSANTS

### 3.1. Substances

Sans objet. Ce produit est un mélange.

### 3.2. Mélanges

Produit/composant	Identifiants	% w/w	Classification	Note
alcool isopropylique	N° CAS : 67-63-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
éthanol;alcool éthylique	N° CAS : 64-17-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phénoxyéthanol	N° CAS : 122-99-6	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

Le texte intégral des phrases H se trouve dans la rubrique 16. Les limites d'exposition professionnelle sont indiquées dans la rubrique 8, à condition d'être disponibles

## Autres informations

-

## RUBRIQUE 4: PREMIERS SOINS

### 4.1. Description des premiers secours

#### *Généralités:*

Si la respiration est irrégulière, la somnolence, la perte de conscience ou des crampes : Appelez 911 et donnez le traitement immédiatement (premiers secours)

En cas de symptômes persistants ou en cas de doute concernant l'état de la personne blessée, faites appel à un médecin. Ne donnez jamais à boire de l'eau ou autre liquide à une personne ayant perdu connaissance.

#### *Inhalation:*

En cas de difficultés respiratoires ou d'irritation des voies respiratoires : Amenez la personne à l'air frais et gardez la personne sous surveillance.

#### *Contact cutané:*

Retirez immédiatement les vêtements et chaussures contaminés. Lavez soigneusement avec de l'eau et du savon la peau qui a été en contact avec le produit. Des produits nettoyants domestiques peuvent être utilisés. N'utilisez PAS de produits solvants ou de diluants.

#### *Contact visuel:*

En cas de contact avec les yeux: Rincez aussitôt avec de l'eau (20-30 °C) pendant 5 minutes. Retirez les éventuelles lentilles de contact de la victime . Demandez l'assistance d'un médecin.

#### *Ingestion:*

Si la personne est consciente, rincez-lui la bouche avec de l'eau et restez avec elle. Ne donnez jamais rien à boire à la personne. En cas de malaise : contactez immédiatement un médecin et apportez-lui la présente fiche de données de sécurité ou l'étiquette du produit. Ne faites pas vomir, à moins que le médecin ne le recommande. Maintenez la tête tournée vers le bas de manière à ce que les vomissures ne reviennent pas dans la bouche et la gorge.

#### *Brûlure:*

Sans objet.

### 4.2. Principaux symptômes et effets, aigus et différés

Aucune connue.

### 4.3. Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires

Traiter selon les symptômes.

### Informations pour le médecin

Apportez la présente fiche de données de sécurité ou l'étiquette du produit.

## RUBRIQUE 5: MESURES À PRENDRE EN CAS D'INCENDIE

### 5.1. Moyens d'extinction

Sans objet.

### 5.2. Dangers particuliers résultant de la substance ou du mélange

Réceptif sous pression. En cas d'incendie ou de chauffage, la pression augmente et risque de faire exploser le conteneur.

Le feu va dégager une épaisse fumée. L'exposition aux produits de décomposition représente un danger pour la santé. Les récipients fermés exposés au feu sont refroidis avec de l'eau. Ne laissez pas de l'eau ayant servi à éteindre l'incendie s'écouler dans les égouts et les cours d'eau.

Si le produit est exposé à de hautes températures, par exemple en cas d'incendie, de dangereux produits gazeux de décomposition peuvent être créés. Il s'agit de :

Les oxydes de carbone (CO / CO2)

Certains oxydes de métal

### 5.3. Conseils aux pompiers

Portez une combinaison d'intervention normale et une protection respiratoire complète afin d'éviter tout contact. Voir la rubrique 1 concernant numéro d'appel d'urgence.

## RUBRIQUE 6: MESURES À PRENDRE EN CAS DE DÉVERSEMENT ACCIDENTEL

### 6.1. Précautions individuelles, équipement de protection et procédures d'urgence

Assurer une ventilation adéquate, en particulier dans les espaces confinés.  
Les zones contaminées peuvent être glissantes.

### 6.2. Précautions pour la protection de l'environnement

Ne déversez pas dans les lacs, les ruisseaux, les égouts, etc.  
Tenir les personnes non autorisées éloignées du déversement.

### 6.3. Méthodes et matériel de confinement et de nettoyage

Contenez et collectez les déversements avec un matériau absorbant non combustible, par exemple du sable, de la terre, de la vermiculite ou de la terre de diatomées, et placez-les dans un récipient pour les éliminer conformément aux réglementations locales.

Nettoyez autant que possible avec des produits de nettoyage ordinaires. Évitez les solvants.

### 6.4. Référence à d'autres rubriques

Voir la rubrique 13 "Considérations relatives à l'élimination" sur la manipulation des déchets.

Voir la rubrique 8 "Contrôles de l'exposition/protection individuelle" pour les mesures de protection.

## RUBRIQUE 7: MANUTENTION ET STOCKAGE.

### 7.1. Précautions à prendre pour une manipulation sans danger

Ne pas perforer, ni brûler, même après usage.

La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.

Voir la rubrique 8 «Contrôles de l'exposition/protection individuelle» pour des renseignements sur les dispositifs de protection individuelle.

### 7.2. Conditions d'un stockage sûr, y compris d'éventuelles incompatibilités

Conserver dans des récipients fermés hermétiquement, à l'abri de l'humidité et de la lumière. Les récipients doivent être datés lorsqu'ils sont ouverts et la présence de peroxydes doit être testée périodiquement. Ne dépassez pas les limites de durée de stockage.

Les récipients ayant été ouverts doivent être refermés avec soin et maintenus en position verticale afin d'éviter les fuites.

*Les compatibilités en matière de conditionnement:*

Conserver uniquement dans l'emballage d'origine.

*Conditions de stockage:*

Sec, frais et bien ventilé

*Matières incompatibles:*

Acides forts, bases fortes, oxydants forts et des réducteurs forts.

### 7.3. Utilisation(s) finale(s) particulière(s)

Ce produit doit être utilisé exclusivement pour les applications décrites la rubrique 1.2.

## RUBRIQUE 8: CONTRÔLES DE L'EXPOSITION/PROTECTION INDIVIDUELLE

### 8.1. Paramètres de contrôle

ALBERTA

Aluminium oxide

Valeur limite (8 heures) (VLEP) (mg/m<sup>3</sup>): 10

alcool isopropylique

Valeur limite (8 heures) (VLEP) (ppm): 200

Valeur limite (8 heures) (VLEP) (mg/m<sup>3</sup>): 492

Valeur à court terme (15 minutes) (VLCT ou VLE) (ppm): 400

Valeur à court terme (15 minutes) (VLCT ou VLE) (mg/m<sup>3</sup>): 984

éthanol;alcool éthylique  
Valeur limite (8 heures) (VLEP) (ppm): 1000  
Valeur limite (8 heures) (VLEP) (mg/m<sup>3</sup>): 1880

Ordre du code de la santé et de la sécurité au travail de 2009, Alta Règl. 87/2009 (révisé en 2018)

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LA COLOMBIE-BRITANNIQUE

alcool isopropylique  
Moyenne pondérée dans le temps (TWA): 200 ppm  
Pour une exposition de courte durée (STEL) / Valeur limite maximale d'exposition (C): 400 ppm  
éthanol;alcool éthylique  
Pour une exposition de courte durée (STEL) / Valeur limite maximale d'exposition (C): 1000 ppm  
Règlement SST, partie 5: Agents chimiques et agents biologiques.

---

ONTARIO

alcool isopropylique  
Moyenne pondérée dans le temps (TWA): 200 ppm  
Pour une exposition de courte durée (STEL) / Valeur limite maximale d'exposition (C): 400 ppm  
éthanol;alcool éthylique  
Pour une exposition de courte durée (STEL) / Valeur limite maximale d'exposition (C): 1,000 ppm  
2-phénoxyéthanol  
Moyenne pondérée dans le temps (TWA): 25 ppm / 141 mg/m<sup>3</sup>  
Observations:  
"Skin" = Risqué de pénétration percutanée.

Le Règlement 833 (Contrôle de l'exposition à des agents biologiques ou chimiques) et le Règlement de l'Ontario 490/09 (substances désignées)

---

QUEBEC

Aluminium oxide  
Valeur limite (8 heures) (VLEP) (mg/m<sup>3</sup>): 10  
Observations:  
Pt = La poussière totale.  
Note 1= La norme correspond à la poussière ne contenant pas d'amiante et dont le pourcentage de silice cristalline est inférieur à 1%.  
alcool isopropylique  
Valeur limite (8 heures) (VLEP) (ppm): 400  
Valeur limite (8 heures) (VLEP) (mg/m<sup>3</sup>): 985  
Règlement sur la santé et la sécurité du travail (Chapitre S-2.1, r. 13)

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SASKATCHEWAN

Aluminium oxide  
Valeur limite (8 heures) (VLEP) (mg/m<sup>3</sup>): 10  
Valeur à court terme (15 minutes) (VLCT ou VLE) (mg/m<sup>3</sup>): 20  
alcool isopropylique  
Valeur limite (8 heures) (VLEP) (ppm): 200  
Valeur à court terme (15 minutes) (VLCT ou VLE) (ppm): 400  
éthanol;alcool éthylique  
Valeur limite (8 heures) (VLEP) (ppm): 1000  
Valeur à court terme (15 minutes) (VLCT ou VLE) (ppm): 1250  
Le règlement de 2020 sur la santé et la sécurité au travail, Chapter S15.1 Reg 10 .

## 8.2. Contrôles de l'exposition

Le respect des valeurs limites indiquées doit être contrôlé régulièrement.

### Précautions générales:

La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.

### Scénarios d'exposition:

Aucun scénario d'exposition n'est mis en œuvre pour ce produit.

**Limite d'exposition:**

Les utilisateurs professionnels sont concernés par la législation sur l'environnement de travail qui concerne les concentrations maximales auxquelles il est permis d'être exposé. Voir les valeurs limites d'hygiène de travail indiquées ci-dessus.

**Mesures techniques:**

La formation de vapeur doit être minimale et rester sous les valeurs limites actuelles (voir ci-dessus). Si l'aération n'est pas suffisante dans la pièce, l'installation d'un système local de ventilation est recommandée. Assurez-vous que les douches oculaires et les douches d'urgence sont clairement indiquées.

Suivez les précautions habituelles quand vous utilisez le produit. Évitez de respirer les vapeurs.

**Mesures d'hygiène:**

A chaque pause lors de l'utilisation du produit et une fois le travail terminé, les parties exposées du corps doivent être lavées. Porter une attention particulière aux mains, aux avant-bras et au visage.

**Mesures pour la limitation de l'exposition à l'environnement:**

Pas d'exigences particulières.

**Mesures de protection individuelle, telles que les équipement de protection personnelle**

**Généralités:**

Utilisez uniquement des équipements de protection portant un marquage de certification reconnu, par exemple le marquage UL.

**Équipements respiratoires:**

Type	Classe	Couleur	Normes
Rien de spécial quand utilisé tel que prévu.			

**Protection de la peau:**

Recommandé	Type/Catégorie	Normes
Rien de spécial quand utilisé tel que prévu	-	-

**Protection des mains:**

Situation de travail	Matériel	Épaisseur minimum (mm)	Délai de rupture (min.)	Normes
	Rien de spécial quand utilisé tel que prévu	-	-	-
En cas d'exposition prolongée ou de concentration élevée	Coton / Caoutchouc nitrile	-	> 240	EN374-2, EN16523-1, EN388



**Protection des yeux:**

Type	Normes
Rien de spécial quand utilisé tel que prévu.	-

## RUBRIQUE 9: PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

### 9.1. Informations sur les propriétés physiques et chimiques essentielles

**Etat physique:**

Liquide

**Couleur:**

Blanc

**Odeur:**

De parfum

*Seuil olfactif (ppm):*

Aucune information disponible.

*pH:*

ca. 9

*Densité (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Viscosité cinématique:*

Aucune information disponible.

*Viscosité dynamique:*

ca 1000 mPa.s (20 °C)

*Caractéristiques des particules:*

Ne s'applique pas aux liquides.

**Changement d'état**

*Point de fusion/point de congélation (°C):*

Aucune information disponible.

*Le point/l'intervalle de ramollissement (°F):*

Ne s'applique pas aux liquides.

*Point d'ébullition (°C):*

Aucune information disponible.

*Pression de vapeur:*

Aucune information disponible.

*Densité de vapeur:*

Aucune information disponible.

*Température de décomposition (°C):*

Aucune information disponible.

**Informations concernant les risques d'explosion et d'incendie**

*Point d'éclair (°C):*

Aucune information disponible.

*Inflammabilité (°C):*

Aucune information disponible.

*Température d'auto-inflammation (°C):*

Aucune information disponible.

*Limite d'explosivité (% v/v):*

Aucune information disponible.

**Solubilité**

*Solubilité dans l'eau:*

Aucune information disponible.

*n-octanol/coefficient d'eau (LogKow):*

Aucune information disponible.

*Solubilité dans la graisse (g/L):*

Aucune information disponible.

**9.2. Autres informations**

*D'autres paramètres physiques et chimiques:*

Aucune information disponible.

*Capacités oxydantes:*

Aucune information disponible.

## RUBRIQUE 10: STABILITÉ ET RÉACTIVITÉ

#### 10.1. Réactivité

Aucune information disponible.

#### 10.2. Stabilité chimique

Le produit est stable dans les conditions indiquées à la rubrique 7 (Manipulation et stockage).

#### 10.3. Possibilité de réactions dangereuses

Aucune connue.

#### 10.4. Conditions à éviter

Aucune connue.

#### 10.5. Matières incompatibles

Acides forts, bases fortes, oxydants forts et des réducteurs forts.

#### 10.6. Produits de décomposition dangereux

Dans des conditions normales de stockage et d'utilisation, aucun produit de décomposition dangereux ne doit être produit.

## RUBRIQUE 11: DONNÉES TOXICOLOGIQUES

### 11.1. Informations sur les effets toxicologiques

#### Toxicité aiguë

Produit/composant	Aluminium oxide
Espèce :	Rat
Voie d'exposition :	Inhalation
Test :	CL50
Valeur :	> 5 mg/L

Produit/composant	Aluminium oxide
Espèce :	Rat
Voie d'exposition :	Orale
Valeur :	> 5000 mg/kg

Produit/composant	alcool isopropylique
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	>2000 mg/kg

Produit/composant	alcool isopropylique
Espèce :	Lapin
Voie d'exposition :	Cutanée
Test :	DL50
Valeur :	>2000 mg/kg

Produit/composant	alcool isopropylique
Espèce :	Rat
Voie d'exposition :	Inhalation
Test :	CL50
Valeur :	>20

Produit/composant	alcool isopropylique
Voie d'exposition :	Orale
Test :	DL50
Valeur :	5849 mg/kg

Produit/composant	alcool isopropylique
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50

Valeur : 5840 mg/kg

Produit/composant alcool isopropylique  
Espèce : Lapin  
Voie d'exposition : Cutanée  
Test : DL50  
Valeur : 12800 mg/kg

Produit/composant alcool isopropylique  
Voie d'exposition : Inhalation  
Test : CL50  
Valeur : 301002 mg/L

Produit/composant 2-phénoxyéthanol  
Espèce : Rat  
Voie d'exposition : Orale  
Test : DL50  
Valeur : 1840 mg/kg

Produit/composant 2-phénoxyéthanol  
Espèce : Lapin  
Voie d'exposition : Cutanée  
Valeur : >5000 mg/kg

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### Corrosion cutanée/irritation cutanée

Produit/composant alcool isopropylique  
Méthode d'essai : OCDE 404  
Espèce : Lapin  
Durée : 4 heures

Produit/composant 2-phénoxyéthanol  
Valeur : Effets nocifs observés (Corrosif)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### Lésions oculaires graves/irritation oculaire

Produit/composant Aluminium oxide

Produit/composant alcool isopropylique  
Espèce : Lapin  
Valeur : Effets nocifs observés (Irritant)

Produit/composant alcool isopropylique  
Méthode d'essai : OCDE 405  
Espèce : Lapin  
Valeur : Effets nocifs observés (Provoque de graves lésions des yeux)

Produit/composant 2-phénoxyéthanol  
Valeur : Effets nocifs observés (Provoque de graves lésions des yeux)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### Sensibilisation respiratoire

Produit/composant alcool isopropylique  
Méthode d'essai : OCDE 406  
Espèce : Cochon d'Inde  
Valeur : Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### Sensibilisation cutanée

Produit/composant alcool isopropylique  
Espèce : Cochon d'Inde

Valeur : Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### Mutagénicité sur les cellules germinales

Produit/composant alcool isopropylique  
Conclusion : Aucun effet nocif observé

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### Cancérogénicité

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### Toxicité pour la reproduction

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### Toxicité spécifique pour certains organes cibles — exposition unique

Produit/composant alcool isopropylique  
Voie d'exposition : Orale

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### Toxicité spécifique pour certains organes cibles – exposition répétée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### Danger par aspiration

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### Effets sur le long terme

Aucune connue.

#### Autres informations

alcool isopropylique: La substance a été classée dans le groupe 3 par le CIRC.

## RUBRIQUE 12: DONNÉES ÉCOLOGIQUES

### 12.1. Toxicité

Produit/composant alcool isopropylique  
Espèce : Poisson, Goudwinde (*Leuciscus idus*)  
Durée : 48 heures  
Test : CL50  
Valeur : >100 mg/L

Produit/composant alcool isopropylique  
Espèce : Crustacés, *Daphnia magna*  
Durée : 48 heures  
Test : CE50  
Valeur : >100 mg/L

Produit/composant alcool isopropylique  
Espèce : Algues, *Scenedesmus subspicatus*  
Durée : 72 heures  
Test : CE50  
Valeur : >100 mg/L

Produit/composant 2-phénoxyéthanol  
Espèce : Poisson  
Durée : 96 heures  
Test : CL50  
Valeur : >100 mg/L

Produit/composant 2-phénoxyéthanol  
Espèce : Algues  
Durée : 72 heures  
Test : ErC50

Valeur : >100 mg/L

Produit/composant 2-phénoxyéthanol  
Espèce : Daphnia magna  
Durée : 48 heures  
Test : CE50  
Valeur : >100 mg/L

Produit/composant 2-phénoxyéthanol  
Espèce : Poisson  
Test : CSEO  
Valeur : 23 mg/L

Produit/composant 2-phénoxyéthanol  
Espèce : Andere waterorganismen  
Durée : 30 minutes  
Test : CE50  
Valeur : >1000 mg/L

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### 12.2. Persistance et dégradabilité

Produit/composant alcool isopropylique  
Valeur : 95%  
Conclusion : Biodégradabilité facile  
Test : OCDE 301 E

Produit/composant 2-phénoxyéthanol  
Valeur : >70  
Conclusion : Biodégradabilité facile  
Test : OCDE 301 A

#### 12.3. Potentiel de bioaccumulation

Produit/composant alcool isopropylique  
BCF: <100  
LogKow : <3  
Conclusion : -

Produit/composant 2-phénoxyéthanol  
BCF: 0,349  
LogKow : 1.2  
Conclusion : -

#### 12.4. Mobilité dans le sol

Aucune information disponible.

#### 12.5. Résultats des évaluations PBT et vPvB

Ce mélange/produit ne contient aucune substance considérée comme répondant aux critères de classification comme PBT et/ou vPvB.

#### 12.6. Autres effets néfastes

Aucune connue.

## RUBRIQUE 13: DONNÉES SUR L'ÉLIMINATION

#### Méthodes de traitement des déchets

Aucun des composants n'est répertorié

#### Étiquetage spécifique

#### Emballages pollués

Les emballages avec des résidus de produit sont éliminés en suivant les mêmes règles que pour le produit lui-même.

## RUBRIQUE 14: INFORMATIONS RELATIVES AU TRANSPORT

	14.1 ONU	14.2 Désignation officielle de transport	14.3 Classe(s) de danger pour le transport	14.4 PG*	14.5. Env**	Autres information s :
TDG	1950	AEROSOLS	Classe: 2 Étiquettes: 2.2 Code de classification: 5A	-	Non	Quantités limitées: 1 L Code de restriction en tunnels: 3 (E) Voir ci-dessous pour plus d'informations.
IMDG	1950	AEROSOLS	Classe: 2 Étiquettes: 2.2 Code de classification: 5A	-	Non	Quantités limitées: 1 L EmS: F-D S-U Voir ci-dessous pour plus d'informations.
IATA	1950	AEROSOLS	Classe: 2 Étiquettes: 2.2 Code de classification: 5A	-	Non	Voir ci-dessous pour plus d'informations.

\* Groupe d'emballage

\*\* Dangers pour l'environnement

### Autre

Le produit est concerné par les conventions sur les marchandises dangereuses.

TDG / Voir Annexe 1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport. Voir partie 3, pour les instructions écrites concernant l'atténuation des dommages en cas d'incidents ou d'accidents pendant le transport.

IMDG / Voir section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

IATA / Voir tableau 4.2 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

### 14.6. Précautions particulières à prendre par l'utilisateur

Sans objet.

### 14.7. Transport en vrac conformément à l'annexe II de la convention Marpol et au recueil IBC

Aucune information disponible.

## RUBRIQUE 15: INFORMATIONS SUR LA RÉGLEMENTATION

### 15.1. Réglementations/législation particulières à la substance ou au mélange en matière de sécurité, de santé et d'environnement

## 15.2. Listes canadiennes

### LES:

Aucun des composants n'est répertorié

### Liste intérieure:

Aluminium oxide  
alcool isopropylique  
éthanol;alcool éthylique  
2-phénoxyéthanol

## 15.4. Limites d'utilisation

Réservé aux utilisateurs professionnels.

## 15.5. Demandes de formation spécifique

Pas d'exigences particulières.

## Autre

Sans objet.

## 15.7. Évaluation de la sécurité chimique

Non

## Sources

Règlement sur les produits dangereux DORS/2015-17 (tel que modifié par DORS/2022-272)

# RUBRIQUE 16: AUTRES INFORMATIONS

## Précisions sur les phrases H dont il est question dans la rubrique 3

H225, Liquide et vapeurs très inflammables.  
H302, Nocif en cas d'ingestion.  
H318, Provoque de graves lésions des yeux.  
H319, Provoque une sévère irritation des yeux.  
H335, Peut irriter les voies respiratoires.  
H336, Peut provoquer somnolence ou vertiges.

## Précisions sur les utilisations identifiées dont il est question dans la rubrique 1

Aucune connue.

## Abréviations et acronymes

ANSI = L'American National Standards Institute  
CAS = Numéro du Chemical Abstract Service  
COV = Composés Organiques Volatils  
DORS = Décrets, Ordonnances et Règlements Statutaires  
DPNCA = Dangers physiques non classifiés ailleurs  
DSNCA = Dangers pour la santé non classifiés ailleurs  
ETA = Estimation de la Toxicité Aiguë  
FBC = Facteur de Bioconcentration  
IARC = Le Centre international de Recherche sur le Cancer (CIRC)  
IATA = Association Internationale du Transport Aérien  
IMDG = Maritime international des marchandises dangereuses  
LES = Liste extérieure des substances  
LogK<sub>ow</sub> = Coefficient de partage octanol/eau  
MARPOL = Convention internationale pour la prévention de la pollution par les navires de 1973, telle que modifiée par le Protocole de 1978. ("MARPOL" = pollution maritime)  
NU = Nations Unies  
OCDE = Organisation de Coopération et de Développement Economiques  
RRN = Numéro d'enregistrement REACH  
SCL = Limite de concentration spécifique (LCS).  
SGH = Système Général Harmonisé de classification et d'étiquetage des produits chimiques  
SIMDUT = Système d'information sur les matières dangereuses utilisées au travail  
STEL = Limite d'exposition de courte durée  
TDG = Transport des Marchandises Dangereuses  
TSOC-ER = Toxicité Spécifique pour certains Organes Cibles - Exposition Répétée

TSOC-EU = Toxicité Spécifique pour certains Organes Cibles - Exposition Unique

TWA = Moyenne pondérée dans le temps

UVBC = Substances de composition inconnue ou variable, produits de réaction complexes ou matières biologiques

**Autre**

Sans objet.

**Homologué par**

Quality & Compliance

**Autre**

Les modifications par rapport à la dernière révision importante (premiers chiffres dans la fiche, voir rubrique 1) de cette fiche de données de sécurité sont repérées par un triangle.

Les informations de la présente fiche de données de sécurité sont seulement valables pour ce produit (indiqué à la rubrique 1) et ne sont pas nécessairement valables pour l'utilisation d'autres produits/produits chimiques.

Il est recommandé de donner cette fiche de données de sécurité à l'utilisateur effectif du produit. Les informations de ce document ne peuvent pas être utilisées comme spécification du produit.

Pays-langue : CA-fr

## SICHERHEITSDATENBLATT

# i.26 kitchen polish (Alu-Air)

## ABSCHNITT 1: BEZEICHNUNG DES STOFFS BEZIEHUNGSWEISE DES GEMISCHS UND DES UNTERNEHMENS

### 1.1. Produktidentifikator

*Handelsname:*

i.26 kitchen polish (Alu-Air)

*Eindeutiger Rezepturidentifikator (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Relevante identifizierte Verwendungen des Stoffs oder Gemischs und Verwendungen, von denen abgeraten wird

*Relevante identifizierte Verwendungen des Stoffs oder Gemischs:*

Wasch- und Reinigungsmittel (einschließlich Produkte auf Lösungsmittelbasis)  
Nur für gewerbliche Anwender.

*Verwendungen, von denen abgeraten wird:*

Keine bekannt.

### 1.3. Einzelheiten zum Lieferanten, der das Sicherheitsdatenblatt bereitstellt

*Firmenname und Adresse:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*Email:*

info@hanos.nl

*Überarbeitet am:*

26.05.2025

*SDB Version:*

1.0

### 1.4. Notrufnummer

Tox Info Suisse: 145 (24 Stunden täglich)

Aus dem Ausland: +41 44 251 51 51

Siehe auch Abschnitt 4 zu Erste-Hilfe-Maßnahmen

## ABSCHNITT 2: MÖGLICHE GEFAHREN

Eingestuft gemäß der Verordnung (EG) Nr. 1272/2008 (CLP).

### 2.1. Einstufung des Stoffs oder Gemischs

Aerosol 3; H229, Behälter steht unter Druck: Kann bei Erwärmung bersten.

### 2.2. Kennzeichnungselemente

*Gefahrenpiktogramme:*

Nicht zutreffend.

**Signalwort:**

Achtung

**Gefahrenhinweise:**

Behälter steht unter Druck: Kann bei Erwärmung bersten. (H229)

**Sicherheitshinweise:**

**Allgemeines:**

-

**Prävention:**

Von Hitze, heißen Oberflächen, Funken, offenen Flammen sowie anderen Zündquellenarten fernhalten. Nicht rauchen. (P210)

Nicht durchstechen oder verbrennen, auch nicht nach Gebrauch. (P251)

**Reaktion:**

-

**Lagerung:**

Vor Sonnenbestrahlung schützen und nicht Temperaturen über 50 °C/122 °F aussetzen. (P410+P412)

**Entsorgung:**

-

**Enthält:**

Enthält keine meldepflichtigen Substanzen

**Andere Kennzeichnungen:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:**

< 5%

- Anionische Tenside
- Nichtionische tenside
- Duftstoffe
- Konservierungsmittel (PHENOXYETHANOL)

### 2.3. Sonstige Gefahren

**Anderes:**

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

Dieses Produkt enthält keine Stoffe, die gemäß den Kriterien der Delegierten Verordnung (EU) 2017/2100 der Kommission oder der Verordnung (EU) 2023/707 der Kommission als endokrine Disruptoren gelten.

## ABSCHNITT 3: ZUSAMMENSETZUNG/ANGABEN ZU BESTANDTEILEN

### 3.1. Stoffe

Nicht zutreffend. Dieses Produkt ist ein Gemisch.

### 3.2. Gemische

Produkt / Substanz	Identifikatoren	% w/w	Einstufung	Anm.
Isopropylalkohol	CAS-Nr.: 67-63-0 EG-Nr.: 200-661-7 REACH: Indexnr.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol;Ethylalkohol	CAS-Nr.: 64-17-5 EG-Nr.: 200-578-6 REACH: Indexnr.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

2-Phenoxyethanol	CAS-Nr.: 122-99-6 EG-Nr.: 204-589-7 REACH: 01-2119488943-21 Indexnr.: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	
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Vollständiger Text der H-Sätze - siehe Abschnitt 16. Die Grenzwerte für die Exposition am Arbeitsplatz sind, wenn verfügbar, in Abschnitt 8 wiedergegeben.

#### Weitere Angaben

-

## ABSCHNITT 4: ERSTE-HILFE-MAßNAHMEN

### 4.1. Beschreibung der Erste-Hilfe-Maßnahmen

#### Allgemeine Hinweise:

Bei Unfällen: Arzt oder Erste-Hilfe-Raum aufsuchen - das Etikett oder dieses Sicherheitsdatenblatt mitbringen.  
Bei anhaltenden Symptomen oder Zweifel über den Zustand des Geschädigten ist ärztliche Hilfe aufzusuchen.  
Einem Bewusstlosen nie Wasser o.Ä. verabreichen.

#### Nach Einatmen:

Bei Atembeschwerden oder Reizung der Atemwege: Betroffenen an die frische Luft bringen und beaufsichtigen.

#### Nach Hautkontakt:

Verunreinigte Kleidung und Schuhe entfernen. Haut, die mit dem Material in Kontakt gekommen ist, ist gründlich mit Wasser und Seife zu waschen. Es kann ein Hautreinigungsmittel verwendet werden. KEIN Lösungsmittel oder Verdüner verwenden.

#### Nach Augenkontakt:

Bei Kontakt mit den Augen: Sofort mindestens 5 Minuten lang mit Wasser (20-30 °C) spülen. Ggf. Kontaktlinsen herausnehmen. Arzt aufsuchen.

#### Nach Verschlucken:

Wenn die Person bei Bewusstsein ist, den Mund mit Wasser ausspülen und bei der Person bleiben. Geben Sie der Person niemals etwas zu trinken. Bei Unwohlsein: Umgehend mit einem Arzt Kontakt aufnehmen und dieses Sicherheitsdatenblatt oder die Etikette des Produktes mitbringen.  
Kein Erbrechen erzwingen, es sei denn, der Arzt empfiehlt es. Kopf nach unten halten, um zu vermeiden, dass Erbrochenes zurück in Mund und Hals läuft.

#### Verbrennung:

Nicht zutreffend.

### 4.2. Wichtigste akute und verzögert auftretende Symptome und Wirkungen

Keine bekannt.

### 4.3. Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung

Symptomatische Behandlung.

#### Hinweise für den Arzt

Dieses Sicherheitsdatenblatt oder das Etikett des Produktes mitbringen.

## ABSCHNITT 5: MAßNAHMEN ZUR BRANDBEKÄMPFUNG

### 5.1. Löschmittel

Nicht zutreffend.

### 5.2. Besondere vom Stoff oder Gemisch ausgehende Gefahren

Behälter steht unter Druck. Bei einem Brand oder bei Erwärmung kommt es zu einem Druckanstieg und der Behälter kann platzen.

Bei Feuer bildet sich dichter Rauch. Abbauproduktexposition kann eine gesundheitliche Gefahr bedeuten.

Geschlossene, dem Feuer ausgesetzte Behälter sind mit Wasser zu kühlen. Löschwasser nicht in Kanalisation und Fließgewässer gelangen lassen.

Wenn das Produkt hohen Temperaturen ausgesetzt wird, beispielsweise bei Feuer, kann es zu gefährlichen Abbauprodukten kommen. Dabei handelt es sich um:

Kohlenmonoxide (CO / CO<sub>2</sub>)

Einige Metalloxide

### 5.3. Hinweise für die Brandbekämpfung

Normale Einsatzbekleidung und voller Atemschutz. Wenden Sie sich an die Tox Info Suisse: 145 (24 Stunden täglich), um weitere Ratschläge zu erhalten.

## ABSCHNITT 6: MAßNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG

### 6.1. Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren

Sorgen Sie für ausreichende Belüftung, insbesondere in geschlossenen Räumen.

Kontaminierte Bereiche können rutschig sein.

### 6.2. Umweltschutzmaßnahmen

Einleitung in Seen, Bäche, Kanalisationen usw. vermeiden.

Halten Sie Unbefugte von dem verschütteten Produkt fern.

### 6.3. Methoden und Material für Rückhaltung und Reinigung

Verschüttetes Material wird mit nicht brennbaren absorbierenden Materialien wie etwa Sand, Erde, Vermiculit und Diatomeenerde eingedämmt und gemäß den geltenden Regeln in Behältern gesammelt und entsorgt.

Die Reinigung erfolgt soweit möglich mit Reinigungsmitteln. Lösungsmittel sind zu vermeiden.

### 6.4. Verweis auf andere Abschnitte

Siehe Abschnitt 13 "Hinweise zur Entsorgung" zur Handhabung von Abfällen.

Für Schutzmaßnahmen siehe Abschnitt 8 "Begrenzung und Überwachung der Exposition/Persönliche Schutzausrüstungen".

## ABSCHNITT 7: HANDHABUNG UND LAGERUNG

### 7.1. Schutzmaßnahmen zur sicheren Handhabung

Nicht durchstechen oder verbrennen, auch nicht nach Gebrauch.

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

Siehe Abschnitt 8 zum Persönliche Schutzausrüstungen.

### 7.2. Bedingungen zur sicheren Lagerung unter Berücksichtigung von Unverträglichkeiten

In dicht verschlossenen Behältern und vor Feuchtigkeit und Licht geschützt lagern. Die Behälter sollten beim Öffnen datiert und regelmäßig auf das Vorhandensein von Peroxiden geprüft werden. Die empfohlenen Lagerzeiten nicht überschreiten.

Geöffnete Behälter sorgfältig verschließen und aufrecht lagern, um jegliches Auslaufen zu verhindern.

*Geeigneten Verpackung:*

Nur in Originalverpackung aufbewahren.

*Lagerbedingungen:*

Trocken, kühl und gut belüftet.

*Unverträgliche Materialien:*

Starke Säuren, starke Basen, starke Oxidationsmittel und starke Reduktionsmittel.

### 7.3. Spezifische Endanwendungen

Dieses Produkt sollte nur für Anwendungen in Abschnitt 1.2 verwendet werden.

## ABSCHNITT 8: BEGRENZUNG UND ÜBERWACHUNG DER EXPOSITION/PERSÖNLICHE SCHUTZAUSRÜSTUNGEN

### 8.1. Zu überwachende Parameter

Aluminium oxide

Arbeitsplatzgrenzwert (8 Stunden) (mg/m<sup>3</sup>): 3 alveolengängiger Staub (Feinstaub)

Bemerkungen:

B = Biologisches Monitoring

Isopropylalkohol

Arbeitsplatzgrenzwert (8 Stunden) (mg/m<sup>3</sup>): 500

Kurzzeitwert (15 Minuten) (ppm): 400

Kurzzeitwert (15 Minuten) (mg/m<sup>3</sup>): 1000

Arbeitsplatzgrenzwert (8 Stunden) (ppm): 200

Bemerkungen:

B = Biologisches Monitoring

SSC = Eine Schädigung der Leibesfrucht braucht bei Einhaltung des MAK-Wertes nicht befürchtet zu werden.

Ethanol;Ethylalkohol

Arbeitsplatzgrenzwert (8 Stunden) (mg/m<sup>3</sup>): 960

Kurzzeitwert (15 Minuten) (ppm): 1000

Kurzzeitwert (15 Minuten) (mg/m<sup>3</sup>): 1920

Arbeitsplatzgrenzwert (8 Stunden) (ppm): 500

Bemerkungen:

SSC = Eine Schädigung der Leibesfrucht braucht bei Einhaltung des MAK-Wertes nicht befürchtet zu werden.

2-Phenoxyethanol

Arbeitsplatzgrenzwert (8 Stunden) (mg/m<sup>3</sup>): 110

Kurzzeitwert (15 Minuten) (ppm): 20

Kurzzeitwert (15 Minuten) (mg/m<sup>3</sup>): 110

Arbeitsplatzgrenzwert (8 Stunden) (ppm): 20

Bemerkungen:

SSC = Eine Schädigung der Leibesfrucht braucht bei Einhaltung des MAK-Wertes nicht befürchtet zu werden.

Grenzwerte am Arbeitsplatz: MAK-/BAT-Werte (Erläuterungen), physikalische Einwirkungen, physische Belastungen.  
(Publikationsnummer 1903.d )

## DNEL

2-Phenoxyethanol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen	Dermal	10,42 mg/kg
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	20,83 mg/kg
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	34,72 mg/kg/Tag
Langfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	5,7 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen	Inhalation	2,41 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	5,7 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	8,07 mg/m <sup>3</sup>
Langfristig	Oral	9,23 mg/kg

Ethanol;Ethylalkohol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	206 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	343 mg/kg/Tag
Kurzfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	950 mg/m <sup>3</sup>
Kurzfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	1900 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	114 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	380 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	87 mg/kg/Tag

### Isopropylalkohol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	319 mg/kg
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	888 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	89 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	89 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	500 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	26 mg/kg

### PNEC

#### 2-Phenoxyethanol

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		1,26 mg/kg
Kläranlagen		24,8 mg/L
Kläranlagen	Einzel	36 mg/L
Seewasser		0.0943 mg/L
Seewassersedimente		0,7237 mg/kg
Süßwasser		0,943 mg/L
Süßwassersedimente		7.2366 mg/kg

#### Ethanol;Ethylalkohol

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		630 µg/kg
Kläranlagen		580 mg/L
Prädatoren		380-720 mg/kg
Pulsierende Freisetzung (Süßwasser)		2.75 mg/L
Seewasser		790 µg/L
Seewassersedimente		2.9 mg/kg
Süßwasser		960 µg/L
Süßwassersedimente		3.6 mg/kg

#### Isopropylalkohol

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		28 mg/kg
Kläranlagen		2251 mg/L
Pulsierende Freisetzung		140,9 mg/L
Seewasser		140,9 mg/L
Seewassersedimente		552 mg/kg
Süßwasser		140,9 mg/L
Süßwassersedimente		552 mg/kg

## 8.2. Begrenzung und Überwachung der Exposition

Es wird empfohlen die Einhaltung der angegebenen Grenzwerte regelmäßig zu kontrollieren.

#### Allgemeine Hinweise:

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

#### Expositionsszenarien:

Für dieses Produkt wurden keine Expositionsszenarien implementiert.

**Expositionsgrenzwerte:**

Für berufliche Benutzer gelten in Bezug auf die maximalen Expositionskonzentrationen die gesetzlichen Vorschriften zu Arbeitshygiene. Siehe die obigen arbeitshygienische Grenzwerte.

**Zusätzliche Hinweise zur Gestaltung technischer Anlagen:**

Dampfbildung muss auf ein Minimum reduziert werden und unter den aktuellen Grenzwerten liegen (siehe oben). Wenn der reguläre Luftstrom im Arbeitsraum nicht ausreichend ist, wird die Installation eines lokalen Abluftsystems empfohlen. Not- und Augenduschen müssen deutlich gekennzeichnet sind. Es gelten die üblichen Vorkehrungsmaßnahmen bei der Verwendung des Produkts. Einatmen von Dämpfen vermeiden.

**Hygienemaßnahmen:**

Bei jeder Pause in der Produktnutzung und bei Ende der Arbeiten sind exponierte Körperteile zu waschen. Besonders auf Hände, Unterarme und Gesicht achten.

**Begrenzung der Umweltextposition:**

Keine besonderen Anforderungen.

**Individuelle Schutzmaßnahmen**

**Allgemeine Schutzmaßnahmen:**

Nur Schutzausrüstung mit CE-Kennzeichnung verwenden.

**Atemschutz:**

Typ	Klasse	Farbe	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch.				

**Körperschutz:**

Empfohlen	Typ/Kategorien	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch.	-	-	

**Handschutz:**

Arbeitssituation	Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
	Keine Besonderheiten bei normal vorgesehenem Gebrauch	-	-	-	
Im Falle längere Exposition oder bei hoher Konzentration	Baumwolle / Nitrilkautschuk	-	> 240	EN374-2, EN16523-1, EN388	

**Augenschutz:**

Typ	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch.	-	

**ABSCHNITT 9: PHYSIKALISCHE UND CHEMISCHE EIGENSCHAFTEN**

**9.1. Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften**

**Form:**

Flüssig

*Farbe:*

Weiß

*Geruch / Geruchsschwelle (ppm):*

Parfümiert

*pH:*

ca. 9

*Dichte (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematische Viskosität:*

Es liegen keine Daten vor.

*Dynamische Viskosität:*

ca 1000 mPa.s (20 °C)

*Partikeleigenschaften:*

Gilt nicht für Flüssigkeiten.

### **Zustandsänderungen**

*Schmelzpunkt/Gefrierpunkt (°C):*

Es liegen keine Daten vor.

*Erweichungspunkt/ -bereich (°C):*

Gilt nicht für Flüssigkeiten.

*Siedepunkt (°C):*

Es liegen keine Daten vor.

*Dampfdruck:*

Es liegen keine Daten vor.

*Relative Dampfdichte:*

Es liegen keine Daten vor.

*Zersetzungstemperatur (°C):*

Es liegen keine Daten vor.

### **Explosions und Feuer Daten**

*Flammpunkt (°C):*

Es liegen keine Daten vor.

*Entzündbarkeit (°C):*

Es liegen keine Daten vor.

*Zündtemperatur (°C):*

Es liegen keine Daten vor.

*Explosionsgrenzen (% v/v):*

Es liegen keine Daten vor.

### **Löslichkeit**

*Löslichkeit in Wasser:*

Es liegen keine Daten vor.

*n-Octanol/Wasser Verteilungskoeffizient (LogKow):*

Es liegen keine Daten vor.

*Löslichkeit in Fett (g/L):*

Es liegen keine Daten vor.

### **9.2. Sonstige Angaben**

*Weitere physikalische und chemische Parameter:*

Es liegen keine Daten vor.

*Brandfördernde Eigenschaften:*

Es liegen keine Daten vor.

## ABSCHNITT 10: STABILITÄT UND REAKTIVITÄT

### 10.1. Reaktivität

Es liegen keine Daten vor.

### 10.2. Chemische Stabilität

Das Produkt ist unter den in Abschnitt 7 aufgeführten Bedingungen stabil.

### 10.3. Möglichkeit gefährlicher Reaktionen

Keine bekannt.

### 10.4. Zu vermeidende Bedingungen

Keine bekannt.

### 10.5. Unverträgliche Materialien

Starke Säuren, starke Basen, starke Oxidationsmittel und starke Reduktionsmittel.

### 10.6. Gefährliche Zersetzungsprodukte

Unter normalen Lagerungs- und Verwendungsbedingungen sollten keine gefährlichen Zersetzungsprodukte entstehen.

## ABSCHNITT 11: TOXIKOLOGISCHE ANGABEN

### 11.1. Angaben zu den Gefahrenklassen im Sinne der Verordnung (EG) Nr. 1272/2008

#### Akute Toxizität

Produkt / Substanz	Aluminium oxide
Spezies:	Ratte
Expositionswegen:	Inhalation
Test:	LC50
Ergebnis:	> 5 mg/L

Produkt / Substanz	Aluminium oxide
Spezies:	Ratte
Expositionswegen:	Oral
Ergebnis:	> 5000 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	>2000 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	>2000 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Ratte
Expositionswegen:	Inhalation
Test:	LC50
Ergebnis:	>20

Produkt / Substanz	Isopropylalkohol
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	5849 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	5840 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	12800 mg/kg

Produkt / Substanz	Isopropylalkohol
Expositionswegen:	Inhalation
Test:	LC50
Ergebnis:	301002 mg/L

Produkt / Substanz	2-Phenoxyethanol
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	1840 mg/kg

Produkt / Substanz	2-Phenoxyethanol
Spezies:	Kaninchen
Expositionswegen:	Dermal
Ergebnis:	>5000 mg/kg

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Ätz-/Reizwirkung auf die Haut

Produkt / Substanz	Isopropylalkohol
Prüfmethode:	OECD 404
Spezies:	Kaninchen
Prüfdauer:	4 hours

Produkt / Substanz	2-Phenoxyethanol
Ergebnis:	Schädliche Wirkungen beobachtet (Ätzend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Schwere Augenschädigung/-reizung

Produkt / Substanz	Aluminium oxide
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Produkt / Substanz	Isopropylalkohol
Spezies:	Kaninchen
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Produkt / Substanz	Isopropylalkohol
Prüfmethode:	OECD 405
Spezies:	Kaninchen
Ergebnis:	Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Produkt / Substanz	2-Phenoxyethanol
Ergebnis:	Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Sensibilisierung der Atemwege

Produkt / Substanz	Isopropylalkohol
Prüfmethode:	OECD 406
Spezies:	Meerschweinchen
Ergebnis:	Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Sensibilisierung der Haut

Produkt / Substanz	Isopropylalkohol
Spezies:	Meerschweinchen
Ergebnis:	Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Keimzell-Mutagenität

Produkt / Substanz	Isopropylalkohol
Ergebnis:	Keine schädlichen Wirkungen beobachtet

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Karzinogenität

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Reproduktionstoxizität

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Spezifische Zielorgan-Toxizität bei einmaliger Exposition

Produkt / Substanz	Isopropylalkohol
Expositionswegen:	Oral

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Spezifische Zielorgan-Toxizität bei wiederholter Exposition

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Aspirationsgefahr

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

### 11.2. Angaben über sonstige Gefahren

#### Zusätzliche toxikologische Hinweise

Keine bekannt.

#### Endokrinschädlichen Eigenschaften

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Gesundheit hormonstörende Eigenschaften aufweisen.

#### Sonstige Angaben

Isopropylalkohol: Der Stoff wurde von der IARC in Gruppe 3 eingestuft.

## ABSCHNITT 12: UMWELTBEZOGENE ANGABEN

### 12.1. Toxizität

Produkt / Substanz	Isopropylalkohol
Spezies:	Fisch, Goudwinde ( <i>Leuciscus idus</i> )
Prüfdauer:	48 Stunden
Test:	LC50
Ergebnis:	>100 mg/L

Produkt / Substanz	Isopropylalkohol
Spezies:	Krustentier, <i>Daphnia magna</i>
Prüfdauer:	48 Stunden
Test:	EC50
Ergebnis:	>100 mg/L

Produkt / Substanz	Isopropylalkohol
Spezies:	Algen, <i>Scenedesmus subspicatus</i>
Prüfdauer:	72 Stunden
Test:	EC50
Ergebnis:	>100 mg/L

Produkt / Substanz	2-Phenoxyethanol
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Spezies:	Fisch
Prüfdauer:	96 Stunden
Test:	LC50
Ergebnis:	>100 mg/L

Produkt / Substanz	2-Phenoxyethanol
Spezies:	Algen
Prüfdauer:	72 Stunden
Test:	ErC50
Ergebnis:	>100 mg/L

Produkt / Substanz	2-Phenoxyethanol
Spezies:	Daphnia magna
Prüfdauer:	48 Stunden
Test:	EC50
Ergebnis:	>100 mg/L

Produkt / Substanz	2-Phenoxyethanol
Spezies:	Fisch
Test:	NOEC
Ergebnis:	23 mg/L

Produkt / Substanz	2-Phenoxyethanol
Spezies:	Anderer waterorganismen
Prüfdauer:	30 minutes
Test:	EC50
Ergebnis:	>1000 mg/L

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

### 12.2. Persistenz und Abbaubarkeit

Produkt / Substanz	Isopropylalkohol
Ergebnis:	95%
Ergebnis:	Leichte biologische Abbaubarkeit
Test:	OECD 301 E

Produkt / Substanz	2-Phenoxyethanol
Ergebnis:	>70
Ergebnis:	Leichte biologische Abbaubarkeit
Test:	OECD 301 A

### 12.3. Bioakkumulationspotenzial

Produkt / Substanz	Isopropylalkohol
BCF:	<100
LogKow:	<3
Ergebnis:	-

Produkt / Substanz	2-Phenoxyethanol
BCF:	0.349
LogKow:	1.2
Ergebnis:	-

### 12.4. Mobilität im Boden

Es liegen keine Daten vor.

### 12.5. Ergebnisse der PBT- und vPvB-Beurteilung

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

### 12.6. Endokrinschädlichen Eigenschaften

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Umwelt endokrinschädigende Eigenschaften aufweisen.

### 12.7. Andere schädliche Wirkungen

Keine bekannt.

## ABSCHNITT 13: HINWEISE ZUR ENTSORGUNG

### 13.1. Verfahren der Abfallbehandlung

Das Produkt fällt nicht unter die Regeln für gefährliche Abfälle.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

*Abfallschlüsselnr. (EWC):*

20 01 30 Reinigungsmittel mit Ausnahme derjenigen, die unter 20 01 29 fallen

### Ungereinigte Verpackungen

Verpackungen mit Produktrückständen sind nach den gleichen Bedingungen zu entsorgen, wie das Produkt selbst.

## ABSCHNITT 14: ANGABEN ZUM TRANSPORT

	14.1 UN	14.2 Ordnungsgemäße UN- Versandbezeichnung	14.3 Transportgefahrenklassen	14.4 PG*	14.5. Env**	Weitere Angaben:
ADR	1950	AEROSOLS	Transportgefahren-klassen: 2 Gefahrzettel: 2.2 Klassifizierungscode: 5A	-	Nein	Begrenzte Mengen: 1 L Tunnelbesch ränkungsco de: 3 (E) Nähere Informatione n siehe unten.
IMDG	1950	AEROSOLS	Transportgefahren-klassen: 2 Gefahrzettel: 2.2 Klassifizierungscode: 5A	-	Nein	Begrenzte Mengen: 1 L EmS: F-D S-U Nähere Informatione n siehe unten.
IATA	1950	AEROSOLS	Transportgefahren-klassen: 2 Gefahrzettel: 2.2 Klassifizierungscode: 5A	-	Nein	Nähere Informatione n siehe unten.

\* Verpackungsgruppe

\*\* Umweltgefahren

### Anderes

Das Produkt fällt unter die Gefahrgutkonventionen.

ADR / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle A, Abschnitt 3.2.1. Schriftliche Anweisungen zur Schadensvermeidung bei transportbezogenen Un- oder Zwischenfällen siehe Abschnitt 5.4.3.

IMDG / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Abschnitt 3.2.1.

IATA / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle 4.2.

### 14.6. Besondere Vorsichtsmaßnahmen für den Verwender

Nicht zutreffend.

#### 14.7. Massengutbeförderung auf dem Seeweg gemäß IMO-Instrumenten

Es liegen keine Daten vor.

## ABSCHNITT 15: RECHTSVORSCHRIFTEN

### 15.1. Vorschriften zu Sicherheit, Gesundheits- und Umweltschutz/spezifische Rechtsvorschriften für den Stoff oder das Gemisch

*Nutzungsbeschränkungen:*

Nur für gewerbliche Anwender.

*Bedarf für spezielle Schulung:*

Keine besonderen Anforderungen.

*Der Störfallverordnung - Gefahrenkategorien / Namentlich aufgeführte gefährliche Stoffe:*

Nicht zutreffend.

*REACH, Anhang XVII:*

Isopropylalkohol unterliegt den REACH-Beschränkungen (Eintrag Nr. 40).

Ethanol; Ethylalkohol unterliegt den REACH-Beschränkungen (Eintrag Nr. 40).

*Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:*

< 5%

- Anionische Tenside
- Nichtionische tenside
- Duftstoffe
- Konservierungsmittel (PHENOXYETHANOL)

*WGK-Einstufung:*

Wassergefährdungsklasse: WGK 1

*Anderes:*

Nicht zutreffend.

*Der Abgabe unterstellte flüchtige organische Verbindungen, VOC (VOCV):*

Gesamtkonzentration: 6.40 % w/w

*Verwendete Quellen:*

SR 814.81 Verordnung zur Reduktion von Risiken beim Umgang mit bestimmten besonders gefährlichen Stoffen, Zubereitungen und Gegenständen (Chemikalien-Risikoreduktions-Verordnung, ChemRRV) vom 18. Mai 2005 (Anhang 2.1)

SR 814.610 Verordnung über den Verkehr mit Abfällen (VeVA) vom 22. Juni 2005 (Stand am 1. Januar 2020)

SR 814.610.1 Verordnung des UVEK über Listen zum Verkehr mit Abfällen vom 18. Oktober 2005 (Stand am 1. Januar 2018)

SR 814.018 Verordnung über die Lenkungsabgabe auf flüchtigen organischen Verbindungen (VOCV) vom 12. November 1997 (Stand am 1. Januar 2018)

SR 813.11 Verordnung über den Schutz vor gefährlichen Stoffen und Zubereitungen (Chemikalienverordnung, ChemV) vom 5. Juni 2015 (Stand am 1. April 2020)

### 15.2. Stoffsicherheitsbeurteilung

Nein

## ABSCHNITT 16: SONSTIGE ANGABEN

### H-Sätze (Abschnitt 3)

H225, Flüssigkeit und Dampf leicht entzündbar.

H302, Gesundheitsschädlich bei Verschlucken.

H318, Verursacht schwere Augenschäden.

H319, Verursacht schwere Augenreizung.

H335, Kann die Atemwege reizen.

H336, Kann Schläfrigkeit und Benommenheit verursachen.

### Abkürzungen und Akronyme

ADN = Europäisches Übereinkommen über die internationale Beförderung von gefährlichen Gütern auf Binnenwasserstrassen  
ADR = Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Strasse  
ak = andere kontrollpflichtige Abfälle  
akb = andere kontrollpflichtige Abfälle mit Begleitscheinpflicht  
ATE = Schätzwert akute Toxizität  
BCF = Biokonzentrationsfaktor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (Europäische Konformität)  
CLP = Verordnung über die Einstufung, Kennzeichnung und Verpackung [Verordnung (EG) Nr. 1272/2008]  
CSA = Stoffsicherheitsbeurteilung  
CSR = Stoffsicherheitsbericht  
DMEL = Abgeleiteter Minimaler-Effekt-Grenzwert  
DNEL = Abgeleiteter Nicht-Effekt-Grenzwert  
EAK = Europäischer Abfallkatalog  
EINECS = Altstoffverzeichnis  
ES = Expositionsszenario EUH-Satz = CLP-spezifischer Gefahrenhinweis  
EuPCS = Europäisches Produktkategorisierungssystem  
GHS = Global harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien  
GWP = Potenzial zur Erwärmung der Erdatmosphäre  
IATA = Internationale Flug-Transport-Vereinigung  
IBC = Intermediate Bulk Container  
IMDG = Gefährliche Güter im internationalen Seeschiffsverkehr  
LogPow = Dekadischer Logarithmus des Oktanol-Wasser-Verteilungskoeffizienten  
MARPOL = Internationales Übereinkommen von 1973 zur Verhütung der Meeresverschmutzung durch Schiffe in der Fassung des Protokolls von 1978. ("Marpol" = marine pollution)  
nwg = Nicht wassergefährdend  
OECD = Organisation für wirtschaftliche Zusammenarbeit und Entwicklung  
PBT = Persistent, bioakkumulierbar und toxisch  
PNEC = Abgeschätzte Nicht-Effekt-Konzentration  
RID = Regelung zur internationalen Eisenbahnbeförderung gefährlicher Güter  
RRN = REACH Registriernummer  
S = Sonderabfälle  
SCL = Spezifischen Konzentrationsgrenzwert.  
SVHC = Besonders besorgniserregende Substanzen  
STOT-RE = Spezifische Zielorgan-Toxizität - Wiederholte Exposition  
STOT-SE = Spezifische Zielorgan-Toxizität - Einmalige Exposition  
UN = Vereinigte Nationen  
UVCB = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.  
VOC = Flüchtige organische Verbindungen  
vPvB = Sehr persistent und sehr bioakkumulierbar  
WGK = Wassergefährdungsklasse

### Anderes

Nicht zutreffend.

### Sicherheitsdatenblatt abgenommen durch

Quality & Compliance

### Anderes

Änderungen im Verhältnis zur letzten umfassenden Revision (erste Ziffer in der SDS-Version, s. Abschnitt 1) dieses Sicherheitsdatenblatts sind mit einem Dreieck markiert.  
Angaben in diesem Sicherheitsdatenblatt gelten nur für das Produkt in Abschnitt 1 und gelten nicht unbedingt bei Einsatz zusammen mit anderen Produkten.  
Es wird empfohlen, dem tatsächlichen Produktbenutzer dieses Sicherheitsdatenblatt auszuhändigen. Die erwähnten Angaben sind nicht als Produktspezifikation zu verwenden.  
Land-sprache: CH-de

## HOJAS DE DATOS DE SEGURIDAD

# i.26 kitchen polish (Alu-Air)

## SECCIÓN 1. IDENTIFICACIÓN DE LA SUSTANCIA O MEZCLA Y DE LA SOCIEDAD O EMPRESA

### Nombre de la sustancia química peligrosa o mezcla

*Nombre comercial:*  
i.26 kitchen polish (Alu-Air)

### Uso recomendado de la sustancia química peligrosa o mezcla, y restricciones de uso

*Usos pertinentes identificados de la sustancia o de la mezcla:*  
Agentes de lavado y limpieza (incluso a base de disolventes)  
Reservado exclusivamente a usuarios profesionales.

*Usos desaconsejados:*  
Ningunos conocidos.

### Datos del proveedor o fabricante

*Nombre y dirección de la empresa:*  
**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*Correo electrónico:*  
info@hygeniq.com

*HDS diseñada el:*  
26-05-2025

*Versión HDS:*  
1.0

### Número de teléfono en caso de emergencia

CITUC Información Toxicológica  
Emergencias químicas: Tel: +56 2 2 247 3600 (24h/365 días)  
Consulte la sección 4 para obtener información sobre primeros auxilios.

## SECCIÓN 2. IDENTIFICACIÓN DEL PELIGRO O LOS PELIGROS

Clasificado de acuerdo con Reglamento de clasificación, etiquetado y notificación de sustancias químicas y mezclas peligrosas.

### Clasificación de la sustancia o de la mezcla

Aerosol 3; H229, Recipiente a presión: Puede reventar si se calienta.

### Elementos de la señalización

*Pictogramas de precaución:*  
No aplicable.

*Palabra de advertencia:*

**Atención**

**Indicaciones de peligro:**

Recipiente a presión: Puede reventar si se calienta. (H229)

**Consejos de prudencia:**

**Generalidades:**

-

**Prevención:**

Mantener alejado del calor, de superficies calientes, de chispas, de llamas abiertas y de cualquier otra fuente de ignición. No fumar. (P210)

No perforar ni quemar, incluso después de su uso. (P251)

**Intervención:**

-

**Almacenamiento:**

Proteger de la luz del sol. No exponer a temperaturas superiores a 50 °C/122°F. (P410+P412)

**Eliminación:**

-

**Identificación de las sustancias principalmente responsables de los riesgos graves para la salud:**

No contiene sustancias que haga falta notificar

**Etiquetado adicional:**

No aplicable.

## SECCIÓN 3. COMPOSICIÓN/INFORMACIÓN SOBRE LOS COMPONENTES

**Sustancias**

No aplicable. Este producto es una mezcla.

**Mezclas**

Producto / ingrediente	Identificadores	% w/w	Clasificación	Notas
alcohol isopropílico	N° CAS: 67-63-0 N° CE: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
etanol; alcohol etílico	N° CAS: 64-17-5 N° CE: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoxietanol	N° CAS: 122-99-6 N° CE: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

La redacción completa de las frases H se encuentra en la sección 16. Los límites de las condiciones laborales correctas se mencionan en la sección 8, siempre y cuando sean accesibles.

**Otra información**

-

## SECCIÓN 4. PRIMEROS AUXILIOS

**Descripción de los primeros auxilios**

**General:**

En caso de accidente: Póngase en contacto con el médico o vaya a emergencias. Llévase la etiqueta o esta hoja de datos de seguridad.

Si los síntomas son permanentes o si tiene alguna duda sobre la situación del accidentado, consulte a un médico. Nunca dé agua ni nada parecido a una persona inconsciente.

**Inhalación:**

En caso de dificultades respiratorias o irritación del tracto respiratorio: Lleve a la persona a un lugar en el que pueda respirar aire fresco y no la deje sin supervisión.

**Contacto con la piel:**

Retire enseguida la ropa y calzado contaminado. Lave bien con agua y jabón la piel que haya estado en contacto con el material. Puede utilizar productos de higiene cutánea. NO utilice disolventes ni diluyentes.

**Contacto con los ojos:**

En caso de contacto con los ojos: Y enjuague con agua (20-30 °C) durante al menos 5 minutos. Quítese las lentes de contacto. Consulte a un médico.

**Ingestión:**

Si la persona está consciente, enjuáguele la boca con agua y quédese con ella. Si se encontrara mal, póngase en contacto con el médico y lleve esta hoja de datos de seguridad o la etiqueta del producto. No provoque el vómito a no ser que el médico lo recomiende. Coloque la cabeza hacia abajo de modo que si vomita, no se trague el vómito.

**Quemadura:**

No aplicable.

**Síntomas y efectos más importantes, agudos y crónicos**

Ningunos conocidos.

**Indicación de la necesidad de recibir atención médica inmediata y, en su caso, tratamiento especial**

Tratar sintomáticamente.

**Explicación para el médico**

Lleve esta hoja de datos de seguridad o la etiqueta del material.

## SECCIÓN 5. MEDIDAS DE LUCHA CONTRA INCENDIOS

**Medios de extinción apropiados**

No aplicable.

**Peligros específicos de las sustancias químicas peligrosas o mezclas**

Recipiente a presión. En caso de incendio o calentamiento, se producirá un aumento de presión y el recipiente estallará.

En caso de incendio se genera un humo denso. La exposición a productos en descomposición puede representar un peligro para la salud. Los contenedores cerrados expuestos al fuego deben enfriarse con agua. No deje que el agua utilizada para apagar el fuego se vierta en la alcantarillado ni cursos de agua.

Si el producto queda expuesto a altas temperaturas, por ejemplo en caso de incendio, pueden generarse productos en descomposición peligrosos. En concreto:

Óxidos de carbono (CO / CO<sub>2</sub>)

Algunos óxidos metálicos

**Medidas especiales que deberán seguir los grupos de combate contra incendio**

Indumentaria normal de extinción y protección respiratoria total. En caso de contacto directo con la sustancia química el jefe de equipo deberá ponerse en contacto con el CITUC, Teléfono: +56 2 2 247 3600 para recibir instrucciones.

## SECCIÓN 6. MEDIDAS QUE DEBEN TOMARSE EN CASO DE VERTIDO/DERRAME ACCIDENTAL

**Precauciones personales, equipos de protección y procedimientos de emergencia**

Asegure una ventilación adecuada, especialmente en áreas confinadas.

Las áreas contaminadas pueden ser resbaladizas.

**Precauciones relativas al medio ambiente**

Evite los vertidos en lagos, ríos, alcantarillas y demás.

Mantenga a las personas no autorizadas alejadas del derrame.

#### **Métodos y materiales para la contención y limpieza de derrames o fugas**

Contenga y recoja los derrames con material absorbente no combustible, por ejemplo: arena, tierra, vermiculita o tierra de diatomeas y colocar en un recipiente para su eliminación de acuerdo con las normas locales.

Siempre que sea posible, efectúe la limpieza con detergentes. Evite utilizar disolventes.

#### **Referencia a otras secciones**

Consulte la sección 13 "Consideraciones relativas a la eliminación" sobre el manejo de desechos.

Consulte la sección 8 "Controles de exposición/protección individual" para conocer las disposiciones de seguridad.

## **SECCIÓN 7. MANIPULACIÓN Y ALMACENAMIENTO**

#### **Precauciones que se deben tomar para garantizar un manejo seguro**

No perforar ni quemar, incluso después de su uso.

No está permitido fumar, comer ni beber en el lugar de trabajo.

Consulte la sección "Controles de exposición/protección individual" para conocer las disposiciones de seguridad personal.

#### **Condiciones de almacenamiento seguro, incluida cualquier incompatibilidad**

Almacenar en recipientes bien cerrados y protegido de la humedad y la luz. Los envases deben estar fechados cuando se abren y sometidos a pruebas periódicas para detectar la presencia de peróxidos. No exceder los límites de tiempo de almacenamiento.

Los envases abiertos deben cerrarse perfectamente con cuidado y mantenerse en posición vertical para evitar derrames.

Consulte el Reglamento de almacenamiento de sustancias peligrosas (Decreto 78) para obtener más orientación.

##### *Compatibilidades de embalaje:*

Conservar únicamente en el embalaje original.

##### *Temperatura de almacenamiento:*

Conservar en lugar fresco, seco y bien ventilado

##### *Materiales incompatibles:*

Ácidos fuertes, alcalinos fuertes, oxidantes fuertes y agentes reductores fuertes.

#### **Usos específicos finales**

Este producto sólo debe utilizarse para los fines descritos en la sección 1.2.

## **SECCIÓN 8. CONTROLES DE EXPOSICIÓN/PROTECCIÓN PERSONAL**

#### **Parámetros de control**

alcohol isopropílico

Valor límite ambiental-exposición de corta duración (15 minutos) (VLA-EC) (mg/m<sup>3</sup>): 1230

Valor límite ambiental-exposición de corta duración (15 minutos) (VLA-EC) (ppm): 500

Valor límite ambiental-exposición diaria (8 horas) (VLA-ED) (mg/m<sup>3</sup>): 858

Valor límite ambiental-exposición diaria (8 horas) (VLA-ED) (ppm): 350

Notas:

A.4 = Encuentran en estudio pero no se dispone aún de información válida que permita clasificarlas como cancerígenas para el ser humano o para animales de laboratorio, por lo que la exposición de los trabajadores a ambos tipos de ellas deberá ser mantenida en el nivel lo más bajo posible.

Reglamento sobre condiciones sanitarias y ambientales básicas en los lugares de trabajo. Decreto supremo n°594/99.

#### **Controles de la exposición**

Compruebe regularmente que no se superan los valores límite indicados.

##### *Medidas de precaución generales:*

No está permitido fumar, comer ni beber en el lugar de trabajo.

##### *Escenarios de exposición:*

No hay escenarios de exposición implementados para este producto.

**Límites de exposición:**

Los usuarios profesionales quedan cubiertos a las normas de la legislación medioambiental relativa a máximas concentraciones de exposición. Consulte los límites laborales a arriba.

**Controles técnicos apropiados:**

La formación de vapor se debe mantener al mínimo y por debajo de los valores del límite de corriente (ver arriba). Se recomienda instalar un sistema de extracción local si el flujo de aire normal en la sala de trabajo no es suficiente. Asegúrese de que los limpiadores de ojos y las duchas de emergencia estén claramente indicadas. Tome precauciones estándar durante el uso de este producto. Evite la inhalación de vapores.

**Disposiciones higiénicas:**

En cada pausa del uso del producto y al finalizar el trabajo limpie las zonas del cuerpo expuestas. Preste especial atención a las manos, los antebrazos y la cara.

**Disposiciones para limitar la exposición del entorno:**

No tiene requisitos específicos.

**Medidas de protección individual, como equipo de protección personal, EPP**

**General:**

Solamente utilizar equipos de protección con la marca CE.

**Protección de las vías respiratorias:**

Tipo	Clase	Color	Normas	
No se requiere ninguna en especial en condiciones normales de uso.				

**Protección de la piel:**

Recomendado	Tipo/Categoría	Normas	
No se requiere ninguna en especial en condiciones normales de uso.	-	-	

**Manos:**

La situación de trabajo	Material	Espesura mínima de capa (mm)	Tiempo de penetración (min.)	Normas	
	No se requiere ninguna en especial en condiciones normales de uso	-	-	-	
En caso de exposición prolongada o de altas concentraciones	Algodón / Caucho de nitrilo	-	> 240	EN374-2, EN16523-1, EN388	

**Protección de los ojos y la cara:**

Tipo	Normas	
No se requiere ninguna en especial en condiciones normales de uso.	-	

## SECCIÓN 9. PROPIEDADES FÍSICAS Y QUÍMICAS

**Información sobre propiedades físicas y químicas básicas**

**Estado físico:**

Líquido

*Color:*

Blanco

*Olor:*

de perfume

*Umbral del olor (ppm):*

No se dispone de datos.

*Potencial de hidrógeno, pH:*

ca. 9

*Densidad (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Viscosidad:*

No se dispone de datos.

*Viscosidad dinámica:*

ca 1000 mPa.s (20 °C)

**Cambio de estado y vapores**

*Punto de fusión/punto de congelación (°C):*

No se dispone de datos.

*El punto o intervalo/reblandecimiento (°C):*

No se aplica a los líquidos.

*Punto inicial e intervalo de ebullición (°C):*

No se dispone de datos.

*Presión de vapor:*

No se dispone de datos.

*Densidad de vapor:*

No se dispone de datos.

*Temperatura de descomposición (°C):*

No se dispone de datos.

*Tasa de evaporación (acetato de n-butilo = 100):*

**Datos de riesgo de incendio y explosión**

*Inflamabilidad (°C):*

No se dispone de datos.

*Inflamabilidad (°C):*

No se dispone de datos.

*Temperatura de ignición espontánea (°C):*

No se dispone de datos.

*Límite superior/inferior de inflamabilidad o explosividad (% v/v):*

No se dispone de datos.

**Solubilidad**

*Solubilidad en agua:*

No se dispone de datos.

*Coefficiente de partición n-octanol/agua:*

No se dispone de datos.

*Solubilidad en grasa (g/L):*

No se dispone de datos.

**Otros datos relevantes**

*Otros parámetros físicos y químicos:*

No se dispone de datos.

*Propiedades oxidantes:*

No se dispone de datos.

## SECCIÓN 10. ESTABILIDAD Y REACTIVIDAD

### Reactividad

No se dispone de datos.

### Estabilidad química

El producto es estable bajo las condiciones indicadas en la sección 7 "Manipulación y almacenamiento".

### Posibilidad de reacciones peligrosas

Ningunos conocidos.

### Condiciones que deberán evitarse

Ningunos conocidos.

### Materiales incompatibles

Ácidos fuertes, alcalinos fuertes, oxidantes fuertes y agentes reductores fuertes.

### Productos de descomposición peligrosos

En condiciones normales de almacenamiento y uso, no se deben formar productos de descomposición peligrosos.

## SECCIÓN 11. INFORMACIÓN TOXICOLÓGICA

### Información sobre los efectos toxicológicos

#### Toxicidad aguda

Producto / ingrediente	alcohol isopropílico
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	>2000 mg/kg

Producto / ingrediente	alcohol isopropílico
Especies:	Conejo
Vía de exposición:	Dérmico
Prueba:	DL50
Resultado:	>2000 mg/kg

Producto / ingrediente	alcohol isopropílico
Especies:	Rata
Vía de exposición:	Inhalación
Prueba:	CL50
Resultado:	>20

Producto / ingrediente	alcohol isopropílico
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	5849 mg/kg

Producto / ingrediente	alcohol isopropílico
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	5840 mg/kg

Producto / ingrediente	alcohol isopropílico
Especies:	Conejo
Vía de exposición:	Dérmico
Prueba:	DL50
Resultado:	12800 mg/kg

Producto / ingrediente	alcohol isopropílico
Vía de exposición:	Inhalación
Prueba:	CL50
Resultado:	301002 mg/L

Producto / ingrediente	2-fenoxietanol
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	1840 mg/kg

Producto / ingrediente	2-fenoxietanol
Especies:	Conejo
Vía de exposición:	Dérmico
Resultado:	>5000 mg/kg

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### **Corrosión o irritación cutáneas**

Producto / ingrediente	alcohol isopropílico
Método de ensayo:	OCDE 404
Especies:	Conejo
Duración:	4 hours

Producto / ingrediente	2-fenoxietanol
Resultado:	Se observan efectos adversos (Corrosivo)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### **Lesiones o irritación ocular graves**

Producto / ingrediente	alcohol isopropílico
Especies:	Conejo
Resultado:	Se observan efectos adversos (Irritante)

Producto / ingrediente	alcohol isopropílico
Método de ensayo:	OCDE 405
Especies:	Conejo
Resultado:	Se observan efectos adversos (Provoca lesiones oculares graves)

Producto / ingrediente	2-fenoxietanol
Resultado:	Se observan efectos adversos (Provoca lesiones oculares graves)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### **Sensibilización respiratoria**

Producto / ingrediente	alcohol isopropílico
Método de ensayo:	OCDE 406
Especies:	Cobayo
Resultado:	No se observan efectos adversos (no sensibilizantes)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### **Sensibilización cutánea**

Producto / ingrediente	alcohol isopropílico
Especies:	Cobayo
Resultado:	No se observan efectos adversos (no sensibilizantes)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### **Mutagenicidad en células germinales**

Producto / ingrediente	alcohol isopropílico
Conclusión:	No se observan efectos adversos

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### **Carcinogenicidad**

A la vista de los datos disponibles, no se cumplen los criterios de clasificación. alcohol isopropílico ha sido clasificado por IARC como grupo 3.

#### **Toxicidad para la reproducción**

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### **Toxicidad sistémica específica del órgano blanco - Exposición única**

Producto / ingrediente alcohol isopropílico  
Vía de exposición: Oral

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### **Toxicidad sistémica específica del órgano blanco - Exposiciones repetidas**

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### **Peligro por aspiración**

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### **Efectos a largo plazo**

Ningunos conocidos.

## SECCIÓN 12. INFORMACIÓN ECOTOXICOLÓGICA

#### **Toxicidad**

Producto / ingrediente alcohol isopropílico  
Especies: Pez, Goudwinde (Leuciscus idus)  
Duración: 48 horas  
Prueba: CL50  
Resultado: >100 mg/L

Producto / ingrediente alcohol isopropílico  
Especies: Crustáceo, Daphnia magna  
Duración: 48 horas  
Prueba: CE50  
Resultado: >100 mg/L

Producto / ingrediente alcohol isopropílico  
Especies: Alga, Scenedesmus subspicatus  
Duración: 72 horas  
Prueba: CE50  
Resultado: >100 mg/L

Producto / ingrediente 2-fenoxietanol  
Especies: Pez  
Duración: 96 horas  
Prueba: CL50  
Resultado: >100 mg/L

Producto / ingrediente 2-fenoxietanol  
Especies: Alga  
Duración: 72 horas  
Prueba: ErC50  
Resultado: >100 mg/L

Producto / ingrediente 2-fenoxietanol  
Especies: Daphnia magna  
Duración: 48 horas  
Prueba: CE50  
Resultado: >100 mg/L

Producto / ingrediente 2-fenoxietanol  
Especies: Pez  
Prueba: NOEC

Resultado: 23 mg/L

Producto / ingrediente 2-fenoxietanol  
Especies: Andere waterorganismen  
Duración: 30 minutes  
Prueba: CE50  
Resultado: >1000 mg/L

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### Persistencia y degradabilidad

Producto / ingrediente alcohol isopropílico  
Resultado: 95%  
Conclusión: Fácil biodegradabilidad  
Prueba: OCDE 301 E

Producto / ingrediente 2-fenoxietanol  
Resultado: >70  
Conclusión: Fácil biodegradabilidad  
Prueba: OCDE 301 A

#### Potencial de bioacumulación

Producto / ingrediente alcohol isopropílico  
BCF: <100  
LogKow: <3  
Conclusión: -

Producto / ingrediente 2-fenoxietanol  
BCF: 0.349  
LogKow: 1.2  
Conclusión: -

#### Movilidad en el suelo

No se dispone de datos.

#### Resultados de la valoración PBT y mPmB

No se considera que esta combinación/producto contenga sustancias que cumplan los criterios de clasificación como PBT y/o mPmB.

#### Otros efectos adversos

Ningunos conocidos.

## SECCIÓN 13. INFORMACIÓN RELATIVA A LA ELIMINACIÓN DE LA SUSTANCIA O MEZCLA

#### Métodos para el tratamiento de residuos

El producto no está bajo las normas de residuos peligrosos.

#### Contenedor contaminado

Los embalajes con restos del producto deben eliminarse siguiendo el mismo procedimiento que el resto del producto.

## SECCIÓN 14. INFORMACIÓN RELATIVA AL TRANSPORTE

	14.1 ONU	14.2 Designación oficial de transporte	14.3 Clase(s) de peligro	14.4 PG*	14.5. Env**	Otra información :
ADR	1950	AEROSOLS	Clase: 2 Etiquetas: 2.2 Código de clasificación: 5A	-	No	Cantidades limitadas: 1 L Código de

	14.1 ONU	14.2 Designación oficial de transporte	14.3 Clase(s) de peligro	14.4 PG*	14.5. Env**	Otra información :
						restricción en túneles: 3 (E) Véase a continuación para obtener información adicional
IMDG	1950	AEROSOLS	Clase: 2 Etiquetas: 2.2 Código de clasificación: 5A	-	No	Cantidades limitadas: 1 L EmS: F-D S-U Véase a continuación para obtener información adicional
IATA	1950	AEROSOLS	Clase: 2 Etiquetas: 2.2 Código de clasificación: 5A	-	No	Véase a continuación para obtener información adicional

\* Grupo de embalaje

\*\* Peligros para el medio ambiente

#### Otros

El producto está cubierto por las convenciones relativas a productos peligrosos.

NCh382 / Consultar la tabla A, sección 3.2.1, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte. Consultar la sección 5.4.3 para obtener instrucciones por escrito sobre la mitigación de daños en relación con incidentes o accidentes durante el transporte.

IMGD / Consultar la sección 3.2.1, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte.

IATA / Consultar la tabla 4.2, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte.

Hazchem Code: Sin

#### Precauciones especiales para el usuario

No aplicable.

#### Transporte a granel con arreglo al anexo II de MARPOL 73/78 y al Código CIQ (IBC por sus siglas en inglés).

No se dispone de datos.

## SECCIÓN 15. INFORMACIÓN SOBRE LA REGLAMENTACIÓN

### Reglamentación y legislación en materia de seguridad, salud y medio ambiente específicas para la sustancia o la mezcla

#### Limitaciones de uso:

Reservado exclusivamente a usuarios profesionales.

#### Requisitos de formación específica:

No tiene requisitos específicos.

#### Otra información:

No aplicable.

**Fuentes:**

Decreto 78, Reglamento de almacenamiento de sustancias peligrosas (11-Sep-2010)  
Reglamento sobre condiciones sanitarias y ambientales básicas en los lugares de trabajo. Decreto supremo n°594/99.  
Código del Trabajo, Dirección del Trabajo, Octubre 2018 (Ley 18.620)  
Reglamento sobre prevención de riesgos profesionales (Decreto Supremo N° 40 de 1969)  
Reglamento de clasificación, etiquetado y notificación de sustancias químicas y mezclas peligrosas. Núm. 57, Santiago, 26 de noviembre de 2019.

**Evaluación de la seguridad química**

No

## SECCIÓN 16. OTRAS INFORMACIONES

**Redacción completa de las frases H descrita en la sección 3**

H225, Líquido y vapores muy inflamables.  
H302, Nocivo en caso de ingestión.  
H318, Provoca lesiones oculares graves.  
H319, Provoca irritación ocular grave.  
H335, Puede irritar las vías respiratorias.  
H336, Puede provocar somnolencia o vértigo.

**Redacción completa de los usos identificados mencionados de la sección 1**

Ningunos conocidos.

**Siglas o abreviaturas**

CAS = Servicio de Resúmenes Químicos  
COV = Compuestos Orgánicos Volátiles  
DOF = Diario Oficial de la Federación  
EINECS = Inventario Europeo de Sustancias Químicas Existentes Comercializadas  
ETA = Estimación de Toxicidad Aguda  
FBC = Factor de Bioconcentración  
GHS = Sistema Globalmente Armonizado de Clasificación y Etiquetado de Productos Químicos (SGA)  
IARC = Agência Internacional de Pesquisa em Câncer  
IATA = Asociación de Transporte Aéreo Internacional  
IBC = Contenedor intermedio para productos a granel  
IMDG = Código Marítimo Internacional de Mercancías Peligrosas  
Log Koc = coeficiente de adsorción del suelo  
Log Kow = logaritmo del coeficiente de reparto octanol/agua  
MARPOL = Convenio Internacional para Prevenir la Contaminación por los Buques, 1973 con el Protocolo de 1978. ("Marpol" = polución marina)  
mPmB = Muy Persistente y Muy Bioacumulativa  
NCh = Normas Chilenas  
OCDE = Organización de Cooperación y Desarrollo Económico  
ONU = Organización de las Naciones Unidas  
PBT = Persistente, Bioacumulativo y Tóxico  
RID = Reglamento de Transporte Internacional de Mercancías Peligrosas por Ferrocarril  
SCL = Límite de concentración específico (LCE).  
SGA = Sistema Globalmente Armonizado  
STOT-RE = Toxicidad Específica en Determinados Órganos - Exposiciones Repetidas  
STOT-SE = Toxicidad Específica en Determinados Órganos - Exposición Única  
STPS = Secretario del Trabajo y Previsión Social  
UVCB = Significa sustancias de composición desconocida o variable, productos de reacción complejos y materiales biológicos

**Otra información**

No aplicable.

**Ficha de datos de seguridad es validada por**

Quality & Compliance

**Otros**



Reglamento de clasificación, etiquetado y notificación de sustancias químicas y mezclas peligrosas

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Las modificaciones en relación a la presente revisión (primera cifra en la Versión FDS, véase sección 1) de esta hoja de datos de seguridad se marcan con un triángulo.

La información que contiene esta hoja de la ficha de datos de seguridad se aplica únicamente al producto indicado en la sección 1 y no tiene por qué ser aplicable si se utiliza con otros productos.

Se recomienda entregar esta hoja de la ficha de datos de seguridad al usuario del producto. La información indicada no se puede utilizar como ficha técnica del producto.

País-idioma: CL-es

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against:*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

26/05/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

National Poison Control Center, Chinese Center for Disease Control and Prevention: +86-10-12320 (24 h emergency call)

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to the chemical classification standards: GB 30000.2-2013 to GB 30000.29-2013.

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

#### 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

*Hazard statement(s):*

Pressurised container: May burst if heated. (H229)

*Precautionary statement(s):*

*General:*

-

*Prevention:*

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

*Response:*

-

*Storage:*

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

*Disposal:*

-

*Hazardous substances:*

Does not contain any substances required to report

*Additional labelling:*

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

*General information:*

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call Shang Hai center of toxic chemicals information & consultation (+86 400-6267-911) and give immediate treatment (first aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation:**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact:**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion:**

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

**Burns:**

Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medic**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

**5.1. Extinguishing media**

Not applicable.

**5.2. Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

Some metal oxides

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact National Poison Control Center, Chinese Center for Disease Control and Prevention: +86-10-12320 in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**6.3. Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### **6.4. Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1. Precautions for safe handling**

Do not pierce or burn, even after use.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

### **7.2. Conditions for safe storage, including any incompatibilities**

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Keep only in original packaging.

*Storage conditions:*

Dry, cool and well ventilated

*Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### **7.3. Specific end use(s)**

This product should only be used for applications quoted in section 1.2.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1. Control parameters**

isopropyl alcohol

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 700

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 350

GBZ 2.1-2019 (Occupational exposure limits for hazardous agents in the workplace)

### **8.2. Exposure controls**

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

*Appropriate technical measures:*

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*

No specific requirements.

### **Individual protection measures, such as personal protective equipment**

**Generally:**

Use only CE marked protective equipment.

**Respiratory Equipment:**

Type	Class	Colour	Standards	
No special when used as intended.				

**Skin protection:**

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

**Hand protection:**

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

**Eye protection:**

Type	Standards	
No special when used as intended.	-	

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Form:**

Liquid

**Colour:**

White

**Odour:**

Of perfume

**Odour threshold (ppm):**

No data available.

**pH:**

ca. 9

**Density (g/cm<sup>3</sup>):**

1.06 (20 °C)

**Kinematic viscosity:**

No data available.

**Dynamic viscosity:**

ca 1000 mPa.s (20 °C)

**Particle characteristics:**

Does not apply to liquids.

### Phase changes

**Melting point/Freezing point (°C):**

No data available.

**Softening point/range (°C):**

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

*Evaporation rate (n-butylacetate = 100):*

#### **Data on fire and explosion hazards**

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Explosion limits (% v/v):*

No data available.

#### **Solubility**

*Solubility in water:*

No data available.

*n-octanol/water coefficient:*

No data available.

*Solubility in fat (g/L):*

No data available.

#### **9.2. Other information**

*Other physical and chemical parameters:*

No data available.

*Oxidizing properties:*

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

No data available.

#### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **10.3. Possibility of hazardous reactions**

None known.

#### **10.4. Conditions to avoid**

None known.

#### **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### 11.1. Information on toxicological effects

#### Acute toxicity

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: >2000 mg/kg

Product/substance: isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: >2000 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Inhalation  
Test: LC50  
Result: >20

Product/substance: isopropyl alcohol  
Route of exposure: Oral  
Test: LD50  
Result: 5849 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 5840 mg/kg

Product/substance: isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: 12800 mg/kg

Product/substance: isopropyl alcohol  
Route of exposure: Inhalation  
Test: LC50  
Result: 301002 mg/L

Product/substance: 2-phenoxyethanol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 1840 mg/kg

Product/substance: 2-phenoxyethanol  
Species: Rabbit  
Route of exposure: Dermal  
Result: >5000 mg/kg

Based on available data, the classification criteria are not met.

#### Skin corrosion/irritation

Product/substance: isopropyl alcohol  
Test method: OECD 404  
Species: Rabbit  
Duration: 4 hours

Product/substance 2-phenoxyethanol  
Result: Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Product/substance isopropyl alcohol  
Species: Rabbit  
Result: Adverse effect observed (Irritating)

Product/substance isopropyl alcohol  
Test method: OECD 405  
Species: Rabbit  
Result: Adverse effect observed (Causes serious eye damage)

Product/substance 2-phenoxyethanol  
Result: Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

**Respiratory sensitisation**

Product/substance isopropyl alcohol  
Test method: OECD 406  
Species: Guinea pig  
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

**Skin sensitisation**

Product/substance isopropyl alcohol  
Species: Guinea pig  
Result: No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Product/substance isopropyl alcohol  
Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Product/substance isopropyl alcohol  
Route of exposure: Oral

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

None known.

**Other information**

isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

**SECTION 12: ECOLOGICAL INFORMATION**

### 12.1. Toxicity

Product/substance isopropyl alcohol  
Species: Fish, Goudwinde (*Leuciscus idus*)  
Duration: 48 hours  
Test: LC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Crustacean, *Daphnia magna*  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, *Scenedesmus subspicatus*  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: *Daphnia magna*  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC  
Result: 23 mg/L

Product/substance 2-phenoxyethanol  
Species: Andere waterorganismen  
Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

### 12.3. Bioaccumulative potential

According to China GHS Standards: GB/T 16483-2008 and GB/T 17519-2013

Product/substance      isopropyl alcohol  
BCF:                              <100  
LogKow:                        <3  
Conclusion:                    -

Product/substance      2-phenoxyethanol  
BCF:                              0.349  
LogKow:                        1.2  
Conclusion:                    -

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

**12.6. Other adverse effects**

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

Product is not covered by regulations on dangerous waste.

**Specific labelling**

**Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

**SECTION 14: TRANSPORT INFORMATION**

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information .

	<b>14.1 UN / ID</b>	<b>14.2 UN proper shipping name</b>	<b>14.3 Hazard class(es)</b>	<b>14.4 PG*</b>	<b>14.5 Env**</b>	<b>Other informatio n:</b>
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information

\* Packing group

\*\* Environmental hazards

#### **Additional information**

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

#### **14.6. Special precautions for user**

Not applicable.

#### **14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

No data available.

## **SECTION 15: REGULATORY INFORMATION**

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*Additional information:*

Not applicable.

*IECSC:*

isopropyl alcohol is listed  
ethanol;ethyl alcohol is listed  
2-phenoxyethanol is listed

*Sources:*

Regulations on the Safety Administration of Dangerous Chemicals (No.591)  
GB30000.1-2024 Rules for classification and labelling of chemicals  
GB13690-2009 General rule for classification and hazard communication of chemicals  
List of hazardous chemicals (2015)  
GB15258-2009 General rules for preparation of precautionary label for chemicals  
GB/T 16483-2008 Safety data sheet for chemical products- Content and order of sections  
GB/T 17519-2013 Guidance on the compilation of safety data sheet for chemical products

### **15.2. Chemical safety assessment**

No

## **SECTION 16: OTHER INFORMATION**

### **Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.  
H302, Harmful if swallowed.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H335, May cause respiratory irritation.  
H336, May cause drowsiness or dizziness.

**The full text of identified uses as mentioned in section 1**

None known.

**Abbreviations and acronyms**

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway  
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road  
ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (European conformity)  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
CSA = Chemical Safety Assessment  
CSR = Chemical Safety Report  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EINECS = European Inventory of Existing Commercial chemical Substances  
ES = Exposure Scenario  
EUH statement = CLP-specific Hazard statement  
EuPCS = European Product Categorisation System  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
GWP = Global warming potential  
IARC = International Agency for Research on Cancer (IARC)  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
OECD = Organisation for Economic Co-operation and Development  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety



According to China GHS Standards: GB/T 16483-2008 and GB/T 17519-2013

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data sheet cannot be used as a product specification.  
Country-language: CN-en

## 产品安全技术说明书

# i.26 kitchen polish (Alu-Air)

## 第一部分 物质/制剂及公司/企业标识

### 1.1. 化学品标识

产品名称:

i.26 kitchen polish (Alu-Air)

### 1.2. 化学品的推荐用途和限制用途

已验明的用途:

清洁剂和清洗剂 (包括溶剂型清洁剂)

仅用于工业用途。

不推荐用途:

未知。

### 1.3. 安全技术说明书供应商详情

公司详细信息:

**Hygeniq B.V.**

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

电子邮件:

info@hygeniq.com

发行日期:

2025/5/26

SDS 版本:

1.0

### 1.4. 应急电话号码

中国国内紧急联系电话: +86-10-12320 (二十四小时应急电话)

## 第2部分 危险性概述

基于化学品分类标准进行分类: GB 30000.2-2013~GB 30000.29-2013。

### 2.1. 危险性类别

Aerosol 3; H229, 压力容器: 遇热可爆

### 2.2. 标签要素

象形图:

不适用。

信号词:

警告

危险性说明:

压力容器: 遇热可爆 (H229)

**防范说明:**

**概要:**

-

**预防:**

远离热源/火花/明火/热表面。禁止吸烟。(P210)  
切勿穿孔或焚烧, 即使不再使用。(P251)

**反应:**

-

**贮存:**

防日晒。不可暴露在超过50°C/122°F的温度下。(P410+P412)

**废弃处置:**

-

**危险成分:**

不包含任何需报告的物质

**附加标示:**

不适用。

## 第3部分 成分/组成信息

### 3.1. 物质

本产品是一种混合物

### 3.2. 混合物

产品/成份名称	标识符	%	分类	备注
Isopropylalcohol	CAS 号: 67-63-0 EC: 200-661-7	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol, ethyl alcohol	CAS 号: 64-17-5 EC: 200-578-6	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS 号: 122-99-6 EC: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

参见第 16 节 H-语句全文。第 8 节列出了职业接触限值 (如适用)。

**其他信息**

-

## 第4部分 急救措施

### 4.1. 急救措施说明

**概要:**

发生事故时: 请联系医生或急诊室——带上标签或安全数据表。  
如果对伤者的情况有疑问或症状持续存在, 请就医。切勿给无意识的人喝水或其他饮料。

**吸入:**

发生呼吸困难或呼吸道刺激时: 将患者转移到新鲜空气处, 并进行陪伴。

**皮肤接触:**

立即脱掉被污染的衣服和鞋子。确保用水和肥皂彻底清洗暴露的皮肤。可以使用皮肤清洁剂。切勿使用溶剂或稀释剂。

**眼睛接触:**

如进入眼睛: 用水或盐水 (20-30 °C) 冲洗眼睛至少 5 分钟。取下隐形眼镜, 睁大眼睛。寻求医疗救助并在转送途中继续冲洗。

**摄入:**

如果当事人意识清醒, 用水漱口, 并由专人照看。如有不适, 请立即就医, 并携带本安全数据表或产品上的标签。除非遵医嘱, 否则不要催吐。让受害者前倾, 头朝下, 避免吸入或呛住呕吐物。

**烧伤:**

不适用。

**4.2. 最重要的症状和效应, 包括急性的和延迟的未知。**

**4.3. 需要任何即时的医疗关注和特殊处理  
对症治疗。**

对医生的特别提示  
携带本安全数据表。

## 第5部分 消防措施

**5.1. 灭火介质  
不适用。**

**5.2. 从物质或混合物产生的特殊危害**

压力容器. 在火灾中或受热时, 压力会剧增, 可能导致容器爆裂。

火会导致出现浓烟。接触燃烧产物可能会有害健康。暴露在火中的密闭容器应用水进行冷却。请勿让灭火用水排入进入污水系统和附近的地表水。

如果产品暴露在高温下 (如发生火灾), 会产生危险的分解代谢物质。包括:

碳氧化物 (CO / CO<sub>2</sub>)。

某些金属氧化物。

**5.3. 对消防员的建议**

穿戴自给式呼吸器和防护服, 防止接触。直接暴露后, 拨打 职业卫生与中毒控制: +86-10-12320, 以获取更多建议。

## 第6部分 泄漏应急处理

**6.1. 人员防护措施、防护装备和应急处置程序**

确保良好的通风, 尤其是在密闭场所。

污染区域可能湿滑。

**6.2. 环境保护措施**

避免向湖泊、溪流、下水道等排放废水。

未经允许的人员不得进入溢溅区

**6.3. 泄漏化学品的收容、清除方法及所使用的处置材料**

使用不可燃的吸收材料 (如沙子、泥土、蛭石或硅藻土) 围堵并收集溢出物, 将其置入容器中并依据当地/国家法规进行弃置处理。

尽可能使用普通清洁剂进行清洁。避免使用溶剂。

**6.4. 其他部分的参照**

参见第13部分的其他废物处理信息。

参见第8部分的合适的个人防护装备信息。

## 第7部分 操作处置与储存

**7.1. 安全搬运的防范措施**

切勿穿孔或焚烧，即使不再使用。  
不得在工作室吸烟、储存烟草、食用和储存食品或液体。  
参见第8部分的合适的个人防护装备信息。

**7.2. 安全存储的条件，包括任何不相容性**

打开的容器必须仔细重新密封并保持直立，以防泄漏。

推荐储存材料:

只能在原容器中存放。

储存温度:

干燥、凉爽通风良好

禁配物:

强酸、强碱、强氧化剂和强还原剂。

**7.3. 特定的最终用途**

本产品只适用于第 1.2 节中所述的应用。

## 第8部分 接触控制和个体防护

**8.1. 控制参数**

Isopropylalcohol

短期暴露限值 (PC-STEL, 15 分钟) (mg/m<sup>3</sup>) : 700

长期暴露限值 (PC-TWA, 8 小时) (mg/m<sup>3</sup>) : 350

GBZ 2.1-2019, 工作场所有害因素职业接触限值

**8.2. 接触控制**

应定期控制暴露程度使之符合给定的职业暴露限值。

一般建议:

不得在工作室吸烟、储存烟草、食用和储存食品或液体。

接触情况:

本品没有相应实施的接触场景。

最高容许浓度:

专业用户必须遵守法律规定的职业暴露最大浓度。参见上述职业卫生限值。

工程控制::

生成的蒸汽必须保持在最低限度并低于当前极限值 (见上文)。如果工作室内的正常空气流量不足，建议安装局部排气系统。确保紧急洗眼器和淋浴设备带有清晰明确的标识。

在使用该产品的过程中采取标准的预防措施。避免吸入蒸汽。

卫生措施:

在不使用产品时及工作日结束时，应对身体所有暴露部位进行彻底清洗。特别注意手、前臂和脸部。

环境接触控制::

无特殊要求。

**个人防护措施**

概要::

只能使用带有 CE 标识的防护设备。

呼吸系统防护:

推荐	等级	颜色	材料
如预期使用时，无需特别穿戴			

身体防护:

材料	推荐	标准
如预期使用时，无需特别	-	-

材料	推荐	标准	
穿戴			

手部防护:

工作情况	材料	手套厚度 (mm)	穿透时间 (min.)	标准	
	如预期使用时, 无需特别穿戴	-	-	-	
在长时间暴露或高浓度情况下	棉质/丁腈橡胶	-	> 240	EN374-2, EN16523-1, EN388	

眼睛/面部防护::

推荐	标准	
如预期使用时, 无需特别穿戴	-	

## 第9部分 理化特性

### 9.1. 基础理化特性信息

物理状态:

液体

颜色:

白色

气味:

芳香剂

气味阈值 (ppm) :

无可用数据。

pH值:

ca. 9

相对密度 (g/cm<sup>3</sup>):

1.06 (20 °C)

运动粘度:

无可用数据。

ca 1000 mPa.s (20 °C)

颗粒特性:

不適用於 液體

物相变化

熔点/凝固点 (°C):

无可用数据。

软化点/范围 (°C):

不適用於 液體

沸点/沸程 (°C):

无可用数据。

蒸气压:

无可用数据。

蒸气密度:

无可用数据。

分解温度 (°C):

无可用数据。

蒸发速率:

火灾和爆炸危险数据

闪点 (°C):

无可用数据。

着火温度 (°C):

无可用数据。

自燃温度 (°C):

无可用数据。

爆炸 (燃烧) 上限和下限:

无可用数据。

可溶性

水溶性:

无可用数据。

*n*-辛醇/水分配系数 (LogKow):

无可用数据。

脂溶性 (克/升) :

无可用数据。

## 9.2. 其他信息

其它物理和化学参数:

无可用数据。

氧化性:

无可用数据。

## 第10部分 稳定性和反应性

### 10.1. 活动性

无可用数据。

### 10.2. 稳定性

基于“7 操作处置与储存”一节的内容, 本产品在常规条件下处于稳定状态。

### 10.3. 危险反应

未知。

### 10.4. 应避免的条件

未知。

### 10.5. 禁配物

强酸、强碱、强氧化剂和强还原剂。

### 10.6. 危险的分解产物

在正常的储存和使用条件下, 不会产生有危害的分解物。

## 第11部分 毒理学信息

### 11.1. 毒理效应信息

急性毒性

产品/成份名称	Isopropylalcohol
种类:	大鼠
接触途径:	口服
测试:	LD50
结果:	>2000 mg/kg

产品/成份名称	Isopropylalcohol
种类:	兔子
接触途径:	经皮
测试:	LD50
结果:	>2000 mg/kg

产品/成份名称	Isopropylalcohol
种类:	大鼠
接触途径:	吸入
测试:	LC50
结果:	>20

产品/成份名称	Isopropylalcohol
接触途径:	口服
测试:	LD50
结果:	5849 mg/kg

产品/成份名称	Isopropylalcohol
种类:	大鼠
接触途径:	口服
测试:	LD50
结果:	5840 mg/kg

产品/成份名称	Isopropylalcohol
种类:	兔子
接触途径:	经皮
测试:	LD50
结果:	12800 mg/kg

产品/成份名称	Isopropylalcohol
接触途径:	吸入
测试:	LC50
结果:	301002 mg/L

产品/成份名称	2-phenoxyethanol
种类:	大鼠
接触途径:	口服
测试:	LD50
结果:	1840 mg/kg

产品/成份名称	2-phenoxyethanol
种类:	兔子
接触途径:	经皮
结果:	>5000 mg/kg

基于可用数据，其不满足分类标准。

**刺激或腐蚀**

产品/成份名称	Isopropylalcohol
测试方法:	OECD 404
种类:	兔子
暴露:	4 hours

产品/成份名称	2-phenoxyethanol
结果:	有观察到的不良作用 (有腐蚀性)

基于可用数据，其不满足分类标准。

**严重眼睛损伤/刺激**

产品/成份名称	Isopropylalcohol
---------	------------------

种类: 兔子  
结果: 有观察到的不良作用 (有刺激性)

产品/成份名称: Isopropylalcohol  
测试方法: OECD 405  
种类: 兔子  
结果: 有观察到的不良作用 (造成严重眼损伤)

产品/成份名称: 2-phenoxyethanol  
结果: 有观察到的不良作用 (造成严重眼损伤)

基于可用数据, 其不满足分类标准。

#### 呼吸道致敏性

产品/成份名称: Isopropylalcohol  
测试方法: OECD 406  
种类: 豚鼠  
结果: 无观察到的不良作用 (不敏感)

基于可用数据, 其不满足分类标准。

#### 皮肤致敏性

产品/成份名称: Isopropylalcohol  
种类: 豚鼠  
结果: 无观察到的不良作用 (不敏感)

基于可用数据, 其不满足分类标准。

#### 生殖细胞致突变性

产品/成份名称: Isopropylalcohol  
结论: 无观察到的不良作用

基于可用数据, 其不满足分类标准。

#### 致癌性

基于可用数据, 其不满足分类标准。

#### 生殖毒性

基于可用数据, 其不满足分类标准。

#### 特异性靶器官系统毒性-一次接触

产品/成份名称: Isopropylalcohol  
接触途径: 口服

基于可用数据, 其不满足分类标准。

#### 特异性靶器官系统毒性-反复接触

基于可用数据, 其不满足分类标准。

#### 吸入危害

基于可用数据, 其不满足分类标准。

#### 潜在的慢性健康影响

未知。

#### 其他信息

Isopropylalcohol 被 IARC 归类为 3 类。

## 第12部分 生态学信息

### 12.1. 毒性

产品/成份名称: Isopropylalcohol  
种类: 鱼类, Goudwinde (Leuciscus idus)  
暴露: 48 小时  
测试: LC50

结果: >100 mg/L

产品/成份名称 Isopropylalcohol  
种类: 甲壳纲动物, Daphnia magna  
暴露: 48 小时  
测试: EC50  
结果: >100 mg/L

产品/成份名称 Isopropylalcohol  
种类: 藻类, Scenedesmus subspicatus  
暴露: 72 小时  
测试: EC50  
结果: >100 mg/L

产品/成份名称 2-phenoxyethanol  
种类: 鱼类  
暴露: 96 小时  
测试: LC50  
结果: >100 mg/L

产品/成份名称 2-phenoxyethanol  
种类: 藻类  
暴露: 72 小时  
测试: ErC50  
结果: >100 mg/L

产品/成份名称 2-phenoxyethanol  
种类: Daphnia magna  
暴露: 48 小时  
测试: EC50  
结果: >100 mg/L

产品/成份名称 2-phenoxyethanol  
种类: 鱼类  
测试: NOEC  
结果: 23 mg/L

产品/成份名称 2-phenoxyethanol  
种类: Andere waterorganismen  
暴露: 30 minutes  
测试: EC50  
结果: >1000 mg/L

基于可用数据，其不满足分类标准。

#### 12.2. 持久性和降解性

产品/成份名称 Isopropylalcohol  
结果: 95%  
结论: 易于生物降解  
测试: OECD 301 E

产品/成份名称 2-phenoxyethanol  
结果: >70  
结论: 易于生物降解  
测试: OECD 301 A

#### 12.3. 潜在的生物累积性

产品/成份名称 Isopropylalcohol  
生物富集系数: <100  
LogKow: <3

结论: -

产品/成份名称 2-phenoxyethanol  
生物富集系数: 0.349  
LogKow: 1.2  
结论: -

#### 12.4. 土壤中的迁移性

无可用数据。

#### 12.5. PBT和vPvB评估结果

本混合物/产品不含任何被认定符合分类为 PBT 及/或 vPvB 的标准的物质。

#### 12.6. 其他环境有害作用

未知。

## 第13部分 废弃处置

#### 废物处理方法

产品未包含在危险废品条例中涵盖的产品。

#### 特定标示

#### 包装

针对含有产品残留物的包装，必须采用与产品处理方法相似的方式进行处理。

## 第14部分 运输信息

	14.1 UN号	14.2 正确运输名称	14.3 类别	14.4 PG*	14.5 Env**	其他信息:
ADR	1950	AEROSOLS	类别: 2 标志: 2.2 分类 代码: 5A	-	否	有限 数量: 1 L 隧道限制代码 : 3 (E) 更多信息请参 见下文。
IMDG	1950	AEROSOLS	类别: 2 标志: 2.2 分类 代码: 5A	-	否	有限 数量: 1 L EmS: F-D S-U 更多信息请参 见下文。
IATA	1950	AEROSOLS	类别: 2 标志: 2.2 分类 代码: 5A	-	否	更多信息请参 见下文。

\* 包装类别

\*\* 环境危害

#### 其他信息

本产品在危险货物运输规定的范围内。

ADR / 参见表 A 第 3.2.1 小节，了解与运输有关的特殊规定、要求或警告的信息。参见第 5.4.3 小节，关于运输过程中发生事故或意外时减轻损失的书面指示。

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

**14.6. 运输注意事项**  
不适用。

**14.7. 基于MARPOL的附录II和IBC准则按散装运输**  
无可数据。

## 第15部分 法规信息

### 15.1. 安全、健康和环境法规/物质或混合物特定的立法

应用限制:  
仅用于工业用途。

特殊教育需求:  
无特殊要求。

其他信息:  
不适用。

中国现有化学物质名录:  
Isopropylalcohol 被列出  
Ethanol, ethyl alcohol 被列出  
2-phenoxyethanol 被列出

中国法律/法规:  
危险化学品安全管理条例 (第591号)  
GB 30000.1-2024 化学品分类和标签规范 第1部分: 通则  
GB13690-2009化学品分类和危险性公示通则  
危险化学品目录 (2015版)  
GB15258-2009化学品安全标签编写规定  
GB/T 16483-2008化学品安全技术说明书内容和项目顺序  
GB/T 17519-2013化学品安全技术说明书编写指南

**15.2. 15.2. 化学安全评估**  
否

## 第16部分 其他信息

**H 语句全文:** 见第 3 节  
H225, 高度易燃液体和蒸气  
H302, 吞咽有害  
H318, 造成严重眼损伤  
H319, 造成严重眼刺激  
H335, 可引起呼吸道刺激  
H336, 可引起昏睡或眩晕

已验明用途的全文见第 1 节  
未知。

### 缩略语和首字母缩写

ACGIH = 美国政府工业卫生专家协会, 颁发有毒产品暴露标准的机构。  
BCF = 生物富集系数  
CAS = 化学提取物服务注册号码  
CE = 符合欧洲标准  
DNEL = 衍生无效应水平  
ECx = 产生 x % 反应的浓度  
EC50 = 引起 50 % 最大反应的物质有效浓度  
GHS = 全球协调制度  
IARC = 国际癌症研究机构  
IATA = 国际航空协会, 颁发货物空运相关规定的组织。

IMDG = 国际海事组织规则，货物海运规则。  
ICAO = 国际民航组织。  
Kow = 正辛醇/水分配系  
LC50 = 半数致死浓度  
LD50 = 急性经毒性 (半数致死剂量)  
NOEC = 无观察效应浓度  
OECD = 经济合作与发展组织  
PBT = 持久性生物累积性有毒物质  
PC-STEL = 短间接接触容许浓度  
PC-TWA = 时间加权平均容许浓度  
PNEC = 预计无效应浓度  
REACH = 欧盟关于化学品注册、评估、授权和限制法规。  
SCL = 具有特定浓度限制  
SDS = 安全技术说明书  
STEL = 短期暴露限制  
PC-TWA = 时间加权平均数  
UN Number = 联合国编号，联合国危险货物运输专家委员会指定的四位数码。  
UVCB = 成分未知或可变的物质，复杂反应产物或生物材料  
vPvB = 高残留性、高生物浓缩性物质

其他信息

不适用。

安全数据表由以下人员验证

Quality & Compliance

其他

更改 (与最后一次基本更改 (SDS 版本中的第一个密码，见第 1 节) 成比例) 用蓝色三角形标记。

本安全数据表中的信息仅适用于本特定产品 (第 1 节所述)，不一定适用于其他化学品/产品。

建议将此安全数据表移交给产品的实际用户。本安全数据表中的信息不能用作产品说明书。

国家-语言: CN-zh

## BEZPEČNOSTNÍ LIST

# i.26 kitchen polish (Alu-Air)

## ODDÍL 1: IDENTIFIKACE LÁTKY/SMĚSI A SPOLEČNOSTI/PODNIKU

### 1.1. Identifikátor výrobku

*Obchodní název:*

i.26 kitchen polish (Alu-Air)

*Jednoznačný identifikační kód vzorce (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Příslušná určená použití látky nebo směsi a nedoporučená použití

*Relevantní identifikované využití látky nebo směsi:*

Detergenty a detergenty (včetně na bázi rozpouštědel)  
Pouze pro profesionální uživatele.

*Nedoporučená použití:*

Není známo.

### 1.3. Podrobné údaje o dodavateli bezpečnostního listu

*Firma a adresa:*

**Hygeniq B.V.**

Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*Revize:*

26.05.2025

*Verze BL:*

1.0

### 1.4. Telefonní číslo pro naléhavé situace

Toxikologické informační středisko. Telefon: +420 224 919 293, +420 224 915 402 (www.tis-cz.cz)

Viz oddíl 4 "Pokyny pro první pomoc"

## ODDÍL 2: IDENTIFIKACE NEBEZPEČNOSTI

Klasifikováno podle nařízení (ES) č. 1272/2008 (CLP).

### 2.1. Klasifikace látky nebo směsi

Aerosol 3; H229, Nádoba je pod tlakem: při zahřívání se může roztrhnout.

### 2.2. Prvky označení

*Piktogram(y) rizik(a):*

Netýká se.

*Signální slova:*

Varování

**Prohlášení rizik(a):**

Nádoba je pod tlakem: při zahřívání se může roztrhnout. (H229)

**Bezpečnostní věta (věty):**

**Obecně:**

-

**Prevence:**

Chraňte před teplem, horkými povrchy, jiskrami, otevřeným ohněm a jinými zdroji zapálení. Zákaz kouření. (P210)

Nepropichujte nebo nespalujte ani po použití. (P251)

**Reakce:**

-

**Skladování:**

Chraňte před slunečním zářením. Nevystavujte teplotě přesahující 50 °C/122°F. (P410+P412)

**Likvidace:**

-

**Identifikace látek primárně odpovědných za hlavní zdravotní rizika:**

Neobsahuje žádné látky podléhající povinnému hlášení

**Další označení:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Označení obsahu podle předpisu o detergentech 648/2004:**

< 5%

- Aniontové povrchově aktivní látky
- Neiontové povrchově aktivní látky
- Parfémy
- Konzervační (PHENOXYETHANOL)

### 2.3. Další nebezpečnost

**Další varování:**

Tato směs/výrobek neobsahuje žádné látky považované za splňující kritéria klasifikace jakožto PBT či vPvB.

Tento produkt neobsahuje žádné látky, které jsou podle kritérií, stanovených nařízením Komise v přenesené pravomoci (EU) 2017/2100 nebo nařízením Komise (EU) 2023/707, považovány za endokrinní disruptory.

## ODDÍL 3: SLOŽENÍ/INFORMACE O SLOŽKÁCH

### 3.1. Látky

Netýká se. Tento produkt je směs.

### 3.2. Směsi

Název složky	Identifikátory	% w/w	Klasifikace	Název složky
isopropyl-alkohol	Č. CAS: 67-63-0 Č. ES: 200-661-7 REACH: Indexová č.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethylalkohol	Č. CAS: 64-17-5 Č. ES: 200-578-6 REACH: Indexová č.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoxyethan-1-ol	Č. CAS: 122-99-6 Č. ES: 204-589-7 REACH: 01-2119488943-21	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318	

	Indexová č.: 603-098-00-9		STOT SE 3, H335	
--	---------------------------	--	-----------------	--

Viz plný text H-vět v oddíl 16. Limity profesní expozice uvádí oddíl 8. Pokud jsou dostupné.

#### Další informace

-

## ODDÍL 4: POKYNY PRO PRVNÍ POMOC

### 4.1. Popis první pomoci

#### Obecné informace:

V případě nehody: kontaktujte lékaře nebo úrazové oddělení - předejte SDS nebo štítek z obalu produktu. Pokud si nejste jisti stavem postiženého nebo pokud symptomy přetrvávají, kontaktujte lékaře. Nepodávejte vodu apod. osobě v bezvědomí.

#### Vdechnutí:

Při dýchacích obtížích nebo podráždění dýchacího traktu: Dopravte postiženého na čerstvý vzduch a zůstaňte s ním.

#### Zasažení pokožky:

Okamžitě sejměte potřísněný oděv a obuv. Zasaženou pokožku důkladně omyjte vodou a mýdlem. Lze použít čistící prostředek na pokožku. NEPOUŽÍVEJTE ředidla a rozpouštědla.

#### Zasažení očí:

Při zasažení očí: Oči nejméně 5 minut proplachujte vodou (20-30 °C). Vyjměte kontaktní čočky. Přivolejte lékaře.

#### Požítí:

Pokud je osoba při vědomí, vypláchněte ústa vodou a zůstaňte v její přítomnosti. Pokud se postižený necítí dobře, okamžitě volejte lékaře a předejte mu SDS nebo štítek z obalu produktu. Nevyvolávejte zvracení, pokud to nedoporučí lékař. Držte hlavu dole, aby se zvratky nedostaly zpět do úst a hrdla.

#### Popálení:

Netýká se.

### 4.2. Nejdůležitější akutní a opožděné symptomy a účinky

Není známo.

### 4.3. Pokyn týkající se okamžité lékařské pomoci a zvláštního ošetření

Léčete symptomaticky

#### Informace pro lékařský personál

Předejte tento SDS nebo štítek z obalu produktu.

## ODDÍL 5: OPATŘENÍ PRO HAŠENÍ POŽÁRU

### 5.1. Hasiva

Netýká se.

### 5.2. Zvláštní nebezpečnost vyplývající z látky nebo směsi

Nádoba je pod tlakem. Při požáru nebo zahřátí se zvýší tlak a nádoba může prasknout. V případě požáru vzniká hustý dým. Vdechnutí produktů rozkladu nebo kontakt s nimi může poškodit zdraví. Uzavřené obaly vystavené požáru chlaďte vodou. Zabraňte vniknutí vody z hašení do kanalizace, vodních toků/ploch. Pokud je produkt vystaven vysoké teplotě, například při požáru, vznikají nebezpečné produkty rozkladu: Oxidy uhlíku (CO / CO<sub>2</sub>)  
oxidy jistých kovů

### 5.3. Pokyny pro hasiče

Zabraňte kontaktu, používejte dýchací přístroj s vlastním zdrojem vzduchu a ochranný oděv.

## ODDÍL 6: OPATŘENÍ V PŘÍPADĚ NÁHODNÉHO ÚNIKU

### 6.1. Opatření na ochranu osob, ochranné prostředky a nouzové postupy

Zajistěte dostatečné větrání, zejména v klimatizovaných prostorách.  
Kontaminovaná místa mohou klouzat.

### 6.2. Opatření na ochranu životního prostředí

Zabraňte únikům do vodních ploch/toků, kanalizace atd.  
Dbejte na to, aby k rozlité kapalině neměly přístup nepovolané osoby.

### 6.3. Metody a materiál pro omezení úniku a pro čištění

Uniklý materiál zachyťte a posbírejte pomocí nehořlavého absorpčního materiálu, například písku, zeminy, vermikulitu nebo křemeliny, a umístěte jej do nádoby k likvidaci, v souladu s místními předpisy.  
K čištění využívejte v maximální míře běžné čisticí prostředky. Vyhněte se použití rozpouštědel.

### 6.4. Odkaz na jiné oddíly

Viz oddíl 13 "Pokyny pro odstraňování" o nakládání s odpadem.  
Ochranná opatření viz oddíl 8 "Omezování expozice/osobní ochranné prostředky".

## ODDÍL 7: ZACHÁZENÍ A SKLADOVÁNÍ

### 7.1. Opatření pro bezpečné zacházení

Nepropichujte nebo nespalujte ani po použití.  
Na pracovišti je zakázáno kouření, jídlo a pití včetně skladování tabáku, potravin a nápojů.  
Informace o ochraně osob viz "Omezování expozice/osobní ochranné prostředky".

### 7.2. Podmínky pro bezpečné skladování látek a směsí včetně neslučitelných látek a směsí

Skladujte v utěsněných kontejnerech a skladujte chráněné před vlhkostí a světlem. Kontejnery by měly být při otevírání opatřeny datem a pravidelně testovány na přítomnost peroxidů. Nepřekračujte dobu skladování.  
Otevřené obaly je nutno dokonale uzavřít a skladovat nastojato, aby nedošlo k úniku.

#### *Slučitelnosti obalů:*

Uchovávejte pouze v původním balení.

#### *Podmínky skladování:*

Suché, chladné, dobře větrané

#### *Neslučitelné materiály:*

Silné kyseliny, silné zásady, silná oxidační činidla a silná rozkladná činidla.

### 7.3. Specifické konečné/specifická konečná použití

Tento produkt smí být použit pouze k účelům uvedeným v oddíl 1.2.

## ODDÍL 8: OMEZOVÁNÍ EXPOZICE/OSOBNÍ OCHRANNÉ PROSTŘEDKY

### 8.1. Kontrolní parametry

isopropyl-alkohol

Nejvyšší přípustná koncentrace (15 minut) (NPK-P) (mg/m<sup>3</sup>): 1000

Přípustný expoziční limit (8 hodin) (PEL) (mg/m<sup>3</sup>): 500

Poznámky:

I = dráždí sliznice (oči, dýchací cesty) resp. kůži.

ethanol;ethylalkohol

Nejvyšší přípustná koncentrace (15 minut) (NPK-P) (mg/m<sup>3</sup>): 3000

Přípustný expoziční limit (8 hodin) (PEL) (mg/m<sup>3</sup>): 1000

Nařízení vlády, ze dne 3. října 2018, kterým se mění nařízení vlády č. 361/2007 Sb., kterým se stanoví podmínky ochrany zdraví při práci, ve znění pozdějších předpisů.

## DNEL

### 2-fenoxyethan-1-ol

Délka:	Trasa podání:	DNEL:
Dlouhodobé - systémové účinky	Kožní	10,42 mg/kg
Dlouhodobé - systémové účinky - obecná populace	Kožní	20,83 mg/kg
Dlouhodobé - systémové účinky - Pracovník	Kožní	34,72 mg/kg bw/day
Dlouhodobý	Orální	9,23 mg/kg
Dlouhodobé - lokální účinky - Pracovník	Vdechnutí	5,7 mg/m <sup>3</sup>
Dlouhodobé - systémové účinky	Vdechnutí	2,41 mg/m <sup>3</sup>
Dlouhodobé - systémové účinky - Pracovník	Vdechnutí	5,7 mg/m <sup>3</sup>
Dlouhodobé - systémové účinky - Pracovník	Vdechnutí	8,07 mg/m <sup>3</sup>

### ethanol;ethylalkohol

Délka:	Trasa podání:	DNEL:
Dlouhodobé - systémové účinky - obecná populace	Kožní	206 mg/kg bw/day
Dlouhodobé - systémové účinky - Pracovník	Kožní	343 mg/kg bw/day
Dlouhodobé - systémové účinky - obecná populace	Orální	87 mg/kg bw/day
Dlouhodobé - systémové účinky - obecná populace	Vdechnutí	114 mg/m <sup>3</sup>
Dlouhodobé - systémové účinky - Pracovník	Vdechnutí	380 mg/m <sup>3</sup>
Krátkodobé - lokální účinky - obecná populace	Vdechnutí	950 mg/m <sup>3</sup>
Krátkodobé - lokální účinky - Pracovník	Vdechnutí	1900 mg/m <sup>3</sup>

### isopropyl-alkohol

Délka:	Trasa podání:	DNEL:
Dlouhodobé - systémové účinky - obecná populace	Kožní	319 mg/kg
Dlouhodobé - systémové účinky - Pracovník	Kožní	888 mg/m <sup>3</sup>
Dlouhodobé - systémové účinky - obecná populace	Orální	26 mg/kg
Dlouhodobé - systémové účinky - obecná populace	Vdechnutí	89 mg/m <sup>3</sup>
Dlouhodobé - systémové účinky - obecná populace	Vdechnutí	89 mg/m <sup>3</sup>
Dlouhodobé - systémové účinky - Pracovník	Vdechnutí	500 mg/m <sup>3</sup>

## PNEC

### 2-fenoxyethan-1-ol

Trasa podání:	Doba expozice:	PNEC:
Čistírný odpadních vod		24,8 mg/L
Čistírný odpadních vod	Singl	36 mg/L
Mořské sedimenty		0,7237 mg/kg
Mořské vody		0,0943 mg/L
Půda		1,26 mg/kg
Sladké vody		0,943 mg/L
Sladkovodní sedimenty		7,2366 mg/kg

### ethanol;ethylalkohol

Trasa podání:	Doba expozice:	PNEC:
Čistírný odpadních vod		580 mg/L
Mořské sedimenty		2,9 mg/kg
Mořské vody		790 µg/L

Občasné vydání (sladkovodní)		2.75 mg/L
Potravinový řetězec		380-720 mg/kg
Půda		630 µg/kg
Sladké vody		960 µg/L
Sladkovodní sedimenty		3.6 mg/kg

isopropyl-alkohol

Trasa podání:	Doba expozice:	PNEC:
Čistírny odpadních vod		2251 mg/L
Mořské sedimenty		552 mg/kg
Mořské vody		140,9 mg/L
Občasné vydání		140,9 mg/L
Půda		28 mg/kg
Sladké vody		140,9 mg/L
Sladkovodní sedimenty		552 mg/kg

## 8.2. Omezování expozice

Je nutno pravidelně kontrolovat dodržování předepsaných limitů expozice.

*Obecná doporučení:*

Na pracovišti je zakázáno kouření, jídlo a pití včetně skladování tabáku, potravin a nápojů.

*Scénáře expozice:*

Pro tento produkt nejsou zavedeny žádné scénáře expozice

*Limity expozice:*

Profesionálních uživatelů se týkají limity BOZP stanovující maximální koncentrace na pracovišti. Viz výše uvedené prahové hodnoty BOZP.

*Vhodná technická opatření:*

Je třeba udržovat vytváření páry na minimu a pod současnými limitními hodnotami (viz výše). Pokud na pracovišti není dostatečné proudění vzduchu, doporučuje se nainstalovat místní systém odsávání. Zajistěte, aby byly jasně označeny stanice pro výplach očí a nouzové sprchy.

Při používání produktu aplikujte standardní preventivní opatření. Dbejte na to, aby nedošlo k inhalaci výparů.

*Hygienická opatření:*

Při každé pauze v používání produktu a po skončení práce s produktem si omyjte všechny exponované části těla. Věnujte zvláštní pozornost rukám, předloktí a obličejí.

*Opatření k zabránění ohrožení prostředí:*

Žádné zvláštní požadavky.

## Osobní ochranná opatření, například osobní ochranné pomůcky

*Obecně:*

Používejte pouze ochranné pomůcky s označením CE.

*Ochrana dýchacích cest:*

Typ	Třída	Barva	Normy
Žádné zvláštní při běžném použití.			

*Ochrana pokožky:*

Doporučený	Typ/Kategorie	Normy
Žádné zvláštní při běžném použití	-	-

*Ochrana rukou:*

Pracovní situace	Materiál	Minimální tloušťka vrstvy (mm)	Doba průniku (min.)	Normy	
	Žádné zvláštní při běžném použití	-	-	-	
V případě dlouhodobé expozice nebo vysokých koncentrací	Bavlny / Přírodní pryž (latex)	-	> 240	EN374-2, EN16523-1, EN388	

*Ochrana očí:*

Typ	Normy	
Žádné zvláštní při běžném použití.	-	

## ODDÍL 9: FYZIKÁLNÍ A CHEMICKÉ VLASTNOSTI

### 9.1. Informace o základních fyzikálních a chemických vlastnostech

*Skupenství:*

Kapalina

*Barva:*

Bílý

*Zápach / Prahová hodnota zápachu (ppm):*

Parfémovaný

*pH:*

ca. 9

*Hustota (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Kinematická viskozita:*

Data nejsou k dispozici.

*Dynamická viskozita:*

ca 1000 mPa.s (20 °C)

*Charakteristiky částic:*

Nevztahuje se na kapaliny.

#### Změny skupenství

*Bod tání/bod tuhnutí (°C):*

Data nejsou k dispozici.

*Bod/rozsah bodu měknutí (°C):*

Nevztahuje se na kapaliny.

*Bod varu (°C):*

Data nejsou k dispozici.

*Tlak par:*

Data nejsou k dispozici.

*Relativní hustota páry:*

Data nejsou k dispozici.

*Teplota rozkladu (°C):*

Data nejsou k dispozici.

#### Informace o riziku požáru a výbuchu

*Bod vznícení (°C):*

Data nejsou k dispozici.

*Hořlavost (°C):*

Data nejsou k dispozici.

*Teplota samovznícení (°C):*

Data nejsou k dispozici.

*Limity expozice (% v/v):*

Data nejsou k dispozici.

**Rozpustnost**

*Rozpustnost ve vodě:*

Data nejsou k dispozici.

*Koeficient n-oktanol/voda (LogKow):*

Data nejsou k dispozici.

*Rozpustnost v tuku (g/L):*

Data nejsou k dispozici.

**9.2. Další informace**

*Další fyzikální a chemické parametry:*

Data nejsou k dispozici.

*Oxidační vlastnosti:*

Data nejsou k dispozici.

## ODDÍL 10: STÁLOST A REAKTIVITA

**10.1. Reaktivita**

Data nejsou k dispozici.

**10.2. Chemická stabilita**

Produkt je stabilní za podmínek uvedených v oddíl 7 "Zacházení a skladování".

**10.3. Možnost nebezpečných reakcí**

Není známo.

**10.4. Podmínky, kterým je třeba zabránit**

Není známo.

**10.5. Neslučitelné materiály**

Silné kyseliny, silné zásady, silná oxidační činidla a silná rozkladná činidla.

**10.6. Nebezpečné produkty rozkladu**

Za běžných podmínek skladování a používání by neměly vznikat nebezpečné produkty rozkladu.

## ODDÍL 11: TOXIKOLOGICKÉ INFORMACE

**11.1. Informace o třídách nebezpečnosti vymezených v nařízení (ES) č. 1272/2008**

**Akutní toxicita**

Název složky	isopropyl-alkohol
Druh:	Krysa
Trasa podání:	Orální
Test:	LD50
Výsledek:	>2000 mg/kg

Název složky	isopropyl-alkohol
Druh:	Králík
Trasa podání:	Kožní
Test:	LD50
Výsledek:	>2000 mg/kg

Název složky	isopropyl-alkohol
Druh:	Krysa

Trasa podání: Vdechnutí  
Test: LC50  
Výsledek: >20

Název složky isopropyl-alkohol  
Trasa podání: Orální  
Test: LD50  
Výsledek: 5849 mg/kg

Název složky isopropyl-alkohol  
Druh: Krysa  
Trasa podání: Orální  
Test: LD50  
Výsledek: 5840 mg/kg

Název složky isopropyl-alkohol  
Druh: Králík  
Trasa podání: Kožní  
Test: LD50  
Výsledek: 12800 mg/kg

Název složky isopropyl-alkohol  
Trasa podání: Vdechnutí  
Test: LC50  
Výsledek: 301002 mg/L

Název složky 2-fenoxyethan-1-ol  
Druh: Krysa  
Trasa podání: Orální  
Test: LD50  
Výsledek: 1840 mg/kg

Název složky 2-fenoxyethan-1-ol  
Druh: Králík  
Trasa podání: Kožní  
Výsledek: >5000 mg/kg

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

#### Žiravost/ dráždivost pro kůži

Název složky isopropyl-alkohol  
Zkušební metoda: OECD 404  
Druh: Králík  
Délka: 4 hours

Název složky 2-fenoxyethan-1-ol  
Výsledek: Pozorovány nepříznivé účinky (Žiravé)

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

#### Vážné poškození očí / podráždění očí

Název složky isopropyl-alkohol  
Druh: Králík  
Výsledek: Pozorovány nepříznivé účinky (Dráždivé)

Název složky isopropyl-alkohol  
Zkušební metoda: OECD 405  
Druh: Králík  
Výsledek: Pozorovány nepříznivé účinky (Způsobuje vážné poškození očí)

Název složky 2-fenoxyethan-1-ol  
Výsledek: Pozorovány nepříznivé účinky (Způsobuje vážné poškození očí)

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

#### **Senzibilizace dýchacích cest**

Název složky	isopropyl-alkohol
Zkušební metoda:	OECD 406
Druh:	Guinejské prase
Výsledek:	Nepozorovány žádné nepříznivé účinky (není senzibilizující)

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

#### **Senzibilizace kůže**

Název složky	isopropyl-alkohol
Druh:	Guinejské prase
Výsledek:	Nepozorovány žádné nepříznivé účinky (není senzibilizující)

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

#### **Mutagenita v zárodečných buňkách**

Název složky	isopropyl-alkohol
Závěr:	Nepozorovány žádné nepříznivé účinky

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

#### **Karcinogenita**

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

#### **Toxicita pro reprodukci**

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

#### **Toxicita pro specifické cílové orgány – jednorázová expozice**

Název složky	isopropyl-alkohol
Trasa podání:	Orální

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

#### **Toxicita pro specifické cílové orgány – opakovaná expozice**

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

#### **Nebezpečnost při vdechnutí**

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

### **11.2. Informace o další nebezpečnosti**

#### **Dlouhodobé účinky**

Není známo.

#### **Vlastnosti vyvolávající narušení činnosti endokrinního systému**

Tato směs/tento výrobek neobsahuje žádné látky, které jsou považovány za látky narušující hormonální funkce s ohledem na zdraví.

#### **Další informace**

isopropyl-alkohol: Látka byla podle IARC klasifikována jako skupina 3.

## **ODDÍL 12: EKOLOGICKÉ INFORMACE**

### **12.1. Toxicita**

Název složky	isopropyl-alkohol
Druh:	Ryba, Goudwinde (Leuciscus idus)
Délka:	48 hodin
Test:	LC50
Výsledek:	>100 mg/L

Název složky	isopropyl-alkohol
Druh:	Korýš, Daphnia magna
Délka:	48 hodin
Test:	EC50
Výsledek:	>100 mg/L

Název složky	isopropyl-alkohol
Druh:	Řasy, Scenedesmus subspicatus
Délka:	72 hodin
Test:	EC50
Výsledek:	>100 mg/L

Název složky	2-fenoxyethan-1-ol
Druh:	Ryba
Délka:	96 hodin
Test:	LC50
Výsledek:	>100 mg/L

Název složky	2-fenoxyethan-1-ol
Druh:	Řasy
Délka:	72 hodin
Test:	ErC50
Výsledek:	>100 mg/L

Název složky	2-fenoxyethan-1-ol
Druh:	Daphnia magna
Délka:	48 hodin
Test:	EC50
Výsledek:	>100 mg/L

Název složky	2-fenoxyethan-1-ol
Druh:	Ryba
Test:	NOEC
Výsledek:	23 mg/L

Název složky	2-fenoxyethan-1-ol
Druh:	Andere waterorganismen
Délka:	30 minutes
Test:	EC50
Výsledek:	>1000 mg/L

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

### 12.2. Perzistence a rozložitelnost

Název složky	isopropyl-alkohol
Výsledek:	95%
Závěr:	Snadná biologická rozložitelnost
Test:	OECD 301 E

Název složky	2-fenoxyethan-1-ol
Výsledek:	>70
Závěr:	Snadná biologická rozložitelnost
Test:	OECD 301 A

### 12.3. Bioakumulační potenciál

Název složky	isopropyl-alkohol
BCF:	<100
LogKow:	<3
Závěr:	-

Název složky	2-fenoxyethan-1-ol
BCF:	0.349
LogKow:	1.2
Závěr:	-

### 12.4. Mobilita v půdě

Data nejsou k dispozici.

### 12.5. Výsledky posouzení PBT a vPvB

Tato směs/výrobek neobsahuje žádné látky považované za splňující kritéria klasifikace jakožto PBT či vPvB.

### 12.6. Vlastnosti vyvolávající narušení činnosti endokrinního systému

Tato směs/tento výrobek neobsahuje žádné látky, které jsou považovány za látky narušující endokrinní systém ve vztahu k životnímu prostředí.

### 12.7. Jiné nepříznivé účinky

Není známo.

## ODDÍL 13: POKYNY PRO ODSTRAŇOVÁNÍ

### 13.1. Metody nakládání s odpady

Tento produkt nepodléhá předpisům o nebezpečném odpadu.  
Nařízení Komise (EU) č. 1357/2014 ze dne 18. prosince 2014 o odpadech.

Kód EWC:

20 01 30 Detergenty neuvedené pod položkou 20 01 29

### Kontaminovaný obal

Obaly se zbytky produktu je nutno likvidovat stejným způsobem jako produkt.

## ODDÍL 14: INFORMACE PRO PŘEPRÁVU

	14.1 UN	14.2 Oficiální (OSN) pojmenování pro přepravu	14.3 Třída/třídy nebezpečnosti pro přepravu	14.4 PG*	14.5 Env **	Další informace:
ADR	1950	AEROSOLS	Třída: 2 Bezpečnostní značky: 2.2 Klasifikační kód: 5A	-	Ne	Omezené množství: 1 L Kód omezení pro tunely: 3 (E) Další informace viz níže.
IMDG	1950	AEROSOLS	Třída: 2 Bezpečnostní značky: 2.2 Klasifikační kód: 5A	-	Ne	Omezené množství: 1 L EmS: F-D S-U Další informace viz níže.
IATA	1950	AEROSOLS	Třída: 2 Bezpečnostní značky: 2.2 Klasifikační kód: 5A	-	Ne	Další informace viz níže.

\* Obalová skupina

\*\* Nebezpečnost pro životní prostředí

### Další informace

Tento produkt podléhá dohodám o nebezpečném zboží.

ADR / Viz Tabulka A, oddíl 3.2.1, kde naleznete veškeré informace týkající se zvláštních ustanovení, požadavků nebo výstrah, spojených s přepravou. Viz oddíl 5.4.3, kde naleznete písemné pokyny týkající se zmírnění škod v souvislosti s mimořádnými událostmi nebo nehodami během přepravy.

IMDG / Viz oddíl 3.2.1, kde naleznete veškeré informace týkající se zvláštních ustanovení, požadavků nebo výstrah, spojených s přepravou.

IATA / Viz Tabulka 4.2, kde naleznete veškeré informace týkající se zvláštních ustanovení, požadavků nebo výstrah, spojených s přepravou.

#### 14.6. Zvláštní bezpečnostní opatření pro uživatele

Netýká se.

#### 14.7. Námořní hromadná přeprava podle nástrojů IMO

Data nejsou k dispozici.

## ODDÍL 15: INFORMACE O PŘEDPÍSECH

### 15.1. Předpisy týkající se bezpečnosti, zdraví a životního prostředí/specifické právní předpisy týkající se látky nebo směsi

*Omezení aplikace:*

Pouze pro profesionální uživatele.

*Požadavek specifického vzdělání:*

Žádné zvláštní požadavky.

*SEVESO - Kategorie nebezpečnosti / Nebezpečné látky jmenovitě uvedené:*

Netýká se.

*REACH, Příloha XVII:*

isopropyl-alkohol podléhá omezením nařízení REACH (Položka č. 40).

ethanol;ethylalkohol podléhá omezením nařízení REACH (Položka č. 40).

*Označení obsahu podle předpisu o detergentech 648/2004:*

< 5%

- Aniontové povrchově aktivní látky
- Neiontové povrchově aktivní látky
- Parfémy
- Konzervační (PHENOXYETHANOL)

*Další informace:*

Netýká se.

*Zdroje:*

Pracovní parvo vyhláška o zakázaných pracích a pracovištích č. 180/2015 Sb.

Nařízení Evropského parlamentu a Rady (ES) č. 648/2004 ze dne 31. března 2004 o detergentech.

Nařízení Komise (EU) č. 1357/2014 ze dne 18. prosince 2014 o odpadech.

Nařízení Evropského parlamentu a Rady (ES) č. 1272/2008 ze dne 16. prosince 2008 o klasifikaci, označování a balení látek a směsí (CLP).

Nařízení Evropského parlamentu a Rady (ES) č. 1907/2006 ze dne 18. prosince 2006 o registraci, hodnocení, povolování a omezování chemických látek (REACH).

### 15.2. Posouzení chemické bezpečnosti

Ne

## ODDÍL 16: DALŠÍ INFORMACE

### Plný text H-vět dle oddílu 3

H225, Vysoce hořlavá kapalina a páry.

H302, Zdraví škodlivý při požití.

H318, Způsobuje vážné poškození očí.

H319, Způsobuje vážné podráždění očí.

H335, Může způsobit podráždění dýchacích cest.

H336, Může způsobit ospalost nebo závratě.

### Zkratky

ADN = Mezinárodní předpisy pro přepravu nebezpečných věcí na vnitrozemských vodních cestách

ADR = Evropská dohoda týkající se silniční přepravy nebezpečných věcí

ATE = odhad akutní toxicity

BCF = biokoncentrační faktor

CAS = CAS registr

CE = Evropská shoda

CLP = Nařízení o klasifikaci, označování a balení látek a směsí [nařízení (ES) 1272/2008]  
CSA = posouzení chemické bezpečnosti  
CSR = zpráva o chemické bezpečnosti  
DMEL = odvozená minimální úroveň, při které dochází k nepříznivým účinkům  
DNEL = odvozená úroveň, při které nedochází k nepříznivým účinkům  
EINECS = Evropský seznam existujících obchodovaných chemických látek  
ES = scénář expozice  
EuPCS = Evropský systém kategorizace výrobků  
EWC = Evropský katalog odpadů  
GHS = Globálně harmonizovaný systém klasifikace a označování chemických látek a směsí  
GWP = Potenciálem globálního oteplování  
H nařízení Evropské unie = CLP - specifické nařízení nebezpečnosti  
IATA = Asociace pro mezinárodní leteckou dopravu  
IBC = IBC kontejner  
IMDG = námořní přeprava nebezpečných věcí dle IMDG  
LogPow = logaritmus rozdělovacího koeficientu oktanol/voda  
MARPOL = Mezinárodní úmluva o zabránění znečištění z lodí z roku 1973 ve znění protokolu z roku 1978. ("MARPOL" = znečištění moří)  
OECD = Organizace pro ekonomickou spolupráci a rozvoj  
PBT = perzistentní, bioakumulativní a toxická/é  
PNEC = odhad koncentrace, při níž nedochází k nepříznivým účinkům  
RID = Nařízení o mezinárodní přepravě nebezpečného zboží po železnici  
RRN = Registrační číslo REACH  
SCL = určitý limit koncentrace.  
STOT-RE = specifický cílový orgán toxicity - opakovaná expozice  
STOT-SE = specifický cílový orgán toxicity - jednorázová expozice  
SVHC = látky vyvolávající velmi velké obavy  
TWA = Vážený průměr v čase  
UN = Organizace spojených národů (OSN)  
UVCB = Jsou látky s neznámým nebo proměnlivým složením, komplexní reakční produkty nebo biologické materiály.  
VOC = těkavé organické látky  
vPvB = vysoce perzistentní a vysoce bioakumulativní

#### **Další informace**

Netýká se.

#### **BL ověřil**

Quality & Compliance

#### **Ostatní**

Změna oproti poslední velké revizi (první číslice verze SDS) je označena trojúhelníkem.

Informace v tomto SDS se týkají pouze tohoto konkrétního produktu (zmíněnému v oddíl 1) a nemusí být přesné, pokud jde o jiné chemikálie/produkty.

Doporučujeme předat tento SDS skutečnému uživateli produktu. Informace v tomto SDS neslouží jako specifikace produktu.

Země-jazyk: CZ-cs

## SICHERHEITSDATENBLATT

# i.26 kitchen polish (Alu-Air)

## ABSCHNITT 1: BEZEICHNUNG DES STOFFS BEZIEHUNGSWEISE DES GEMISCHS UND DES UNTERNEHMENS

### 1.1. Produktidentifikator

*Handelsname:*

i.26 kitchen polish (Alu-Air)

*Eindeutiger Rezepturidentifikator (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Relevante identifizierte Verwendungen des Stoffs oder Gemischs und Verwendungen, von denen abgeraten wird

*Relevante identifizierte Verwendungen des Stoffs oder Gemischs:*

Wasch- und Reinigungsmittel (einschließlich Produkte auf Lösungsmittelbasis)  
Nur für gewerbliche Anwender.

*Verwendungen, von denen abgeraten wird:*

Keine bekannt.

### 1.3. Einzelheiten zum Lieferanten, der das Sicherheitsdatenblatt bereitstellt

*Firmenname und Adresse:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*Email:*

info@hygeniq.com

*Überarbeitet am:*

26.05.2025

*SDB Version:*

1.0

### 1.4. Notrufnummer

Notfall: Rufen Sie 112 an, fordern Sie die Informationen zur Giftnotrufzentrale an. 24 Stunden am Tag geöffnet.  
Giftnotrufzentrale Berlin, Notfallrufnummer: +49 30 19240 (Tag und Nacht)  
Siehe auch Abschnitt 4 zu Erste-Hilfe-Maßnahmen

## ABSCHNITT 2: MÖGLICHE GEFAHREN

Eingestuft gemäß der Verordnung (EG) Nr. 1272/2008 (CLP).

### 2.1. Einstufung des Stoffs oder Gemischs

Aerosol 3; H229, Behälter steht unter Druck: Kann bei Erwärmung bersten.

### 2.2. Kennzeichnungselemente

*Gefahrenpiktogramme:*

Nicht zutreffend.

**Signalwort:**

Achtung

**Gefahrenhinweise:**

Behälter steht unter Druck: Kann bei Erwärmung bersten. (H229)

**Sicherheitshinweise:**

**Allgemeines:**

-

**Prävention:**

Von Hitze, heißen Oberflächen, Funken, offenen Flammen sowie anderen Zündquellenarten fernhalten. Nicht rauchen. (P210)

Nicht durchstechen oder verbrennen, auch nicht nach Gebrauch. (P251)

**Reaktion:**

-

**Lagerung:**

Vor Sonnenbestrahlung schützen und nicht Temperaturen über 50 °C/122 °F aussetzen. (P410+P412)

**Entsorgung:**

-

**Enthält:**

Enthält keine meldepflichtigen Substanzen

**Andere Kennzeichnungen:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:**

< 5%

- Anionische Tenside
- Nichtionische tenside
- Duftstoffe
- Konservierungsmittel (PHENOXYETHANOL)

### 2.3. Sonstige Gefahren

**Anderes:**

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

Dieses Produkt enthält keine Stoffe, die gemäß den Kriterien der Delegierten Verordnung (EU) 2017/2100 der Kommission oder der Verordnung (EU) 2023/707 der Kommission als endokrine Disruptoren gelten.

## ABSCHNITT 3: ZUSAMMENSETZUNG/ANGABEN ZU BESTANDTEILEN

### 3.1. Stoffe

Nicht zutreffend. Dieses Produkt ist ein Gemisch.

### 3.2. Gemische

Produkt / Substanz	Identifikatoren	% w/w	Einstufung	Anm.
Isopropylalkohol	CAS-Nr.: 67-63-0 EG-Nr.: 200-661-7 REACH: Indexnr.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Ethanol;Ethylalkohol	CAS-Nr.: 64-17-5 EG-Nr.: 200-578-6 REACH: Indexnr.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

2-Phenoxyethanol	CAS-Nr.: 122-99-6 EG-Nr.: 204-589-7 REACH: 01-2119488943-21 Indexnr.: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	
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Vollständiger Text der H-Sätze - siehe Abschnitt 16. Die Grenzwerte für die Exposition am Arbeitsplatz sind, wenn verfügbar, in Abschnitt 8 wiedergegeben.

## Weitere Angaben

-

## ABSCHNITT 4: ERSTE-HILFE-MAßNAHMEN

### 4.1. Beschreibung der Erste-Hilfe-Maßnahmen

#### Allgemeine Hinweise:

Bei Unfällen: Arzt oder Erste-Hilfe-Raum aufsuchen - das Etikett oder dieses Sicherheitsdatenblatt mitbringen.  
Bei anhaltenden Symptomen oder Zweifel über den Zustand des Geschädigten ist ärztliche Hilfe aufzusuchen.  
Einem Bewusstlosen nie Wasser o.Ä. verabreichen.

#### Nach Einatmen:

Bei Atembeschwerden oder Reizung der Atemwege: Betroffenen an die frische Luft bringen und beaufsichtigen.

#### Nach Hautkontakt:

Verunreinigte Kleidung und Schuhe entfernen. Haut, die mit dem Material in Kontakt gekommen ist, ist gründlich mit Wasser und Seife zu waschen. Es kann ein Hautreinigungsmittel verwendet werden. KEIN Lösungsmittel oder Verdüner verwenden.

#### Nach Augenkontakt:

Bei Kontakt mit den Augen: Sofort mindestens 5 Minuten lang mit Wasser (20-30 °C) spülen. Ggf. Kontaktlinsen herausnehmen. Arzt aufsuchen.

#### Nach Verschlucken:

Wenn die Person bei Bewusstsein ist, den Mund mit Wasser ausspülen und bei der Person bleiben. Geben Sie der Person niemals etwas zu trinken. Bei Unwohlsein: Umgehend mit einem Arzt Kontakt aufnehmen und dieses Sicherheitsdatenblatt oder die Etikette des Produktes mitbringen.  
Kein Erbrechen erzwingen, es sei denn, der Arzt empfiehlt es. Kopf nach unten halten, um zu vermeiden, dass Erbrochenes zurück in Mund und Hals läuft.

#### Verbrennung:

Nicht zutreffend.

### 4.2. Wichtigste akute und verzögert auftretende Symptome und Wirkungen

Keine bekannt.

### 4.3. Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung

Symptomatische Behandlung.

### Hinweise für den Arzt

Dieses Sicherheitsdatenblatt oder das Etikett des Produktes mitbringen.

## ABSCHNITT 5: MAßNAHMEN ZUR BRANDBEKÄMPFUNG

### 5.1. Löschmittel

Nicht zutreffend.

### 5.2. Besondere vom Stoff oder Gemisch ausgehende Gefahren

Behälter steht unter Druck. Bei einem Brand oder bei Erwärmung kommt es zu einem Druckanstieg und der Behälter kann platzen.

Bei Feuer bildet sich dichter Rauch. Abbauproduktexposition kann eine gesundheitliche Gefahr bedeuten.

Geschlossene, dem Feuer ausgesetzte Behälter sind mit Wasser zu kühlen. Löschwasser nicht in Kanalisation und Fließgewässer gelangen lassen.

Wenn das Produkt hohen Temperaturen ausgesetzt wird, beispielsweise bei Feuer, kann es zu gefährlichen Abbauprodukten kommen. Dabei handelt es sich um:

Kohlenmonoxide (CO / CO<sub>2</sub>)

Einige Metalloxide

### 5.3. Hinweise für die Brandbekämpfung

Normale Einsatzbekleidung und voller Atemschutz.

## ABSCHNITT 6: MAßNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG

### 6.1. Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren

Sorgen Sie für ausreichende Belüftung, insbesondere in geschlossenen Räumen.  
Kontaminierte Bereiche können rutschig sein.

### 6.2. Umweltschutzmaßnahmen

Einleitung in Seen, Bäche, Kanalisationen usw. vermeiden.  
Halten Sie Unbefugte von dem verschütteten Produkt fern.

### 6.3. Methoden und Material für Rückhaltung und Reinigung

Verschüttetes Material wird mit nicht brennbaren absorbierenden Materialien wie etwa Sand, Erde, Vermiculit und Diatomeenerde eingedämmt und gemäß den geltenden Regeln in Behältern gesammelt und entsorgt.  
Die Reinigung erfolgt soweit möglich mit Reinigungsmitteln. Lösungsmittel sind zu vermeiden.

### 6.4. Verweis auf andere Abschnitte

Siehe Abschnitt 13 "Hinweise zur Entsorgung" zur Handhabung von Abfällen.  
Für Schutzmaßnahmen siehe Abschnitt 8 "Begrenzung und Überwachung der Exposition/Persönliche Schutzausrüstungen".

## ABSCHNITT 7: HANDHABUNG UND LAGERUNG

### 7.1. Schutzmaßnahmen zur sicheren Handhabung

Nicht durchstechen oder verbrennen, auch nicht nach Gebrauch.  
Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.  
Siehe Abschnitt 8 zum Persönliche Schutzausrüstungen.

### 7.2. Bedingungen zur sicheren Lagerung unter Berücksichtigung von Unverträglichkeiten

In dicht verschlossenen Behältern und vor Feuchtigkeit und Licht geschützt lagern. Die Behälter sollten beim Öffnen datiert und regelmäßig auf das Vorhandensein von Peroxiden geprüft werden. Die empfohlenen Lagerzeiten nicht überschreiten.

Geöffnete Behälter sorgfältig verschließen und aufrecht lagern, um jegliches Auslaufen zu verhindern.

Zusammenlagerung ist erlaubt für Produkte der Lagerklassen: 2A, 2B, 3, 4.1B, 4.2, 5.1A, 5.1B, 5.2, 6.1A, 6.1B, 6.1C, 6.1D, 8A, 8B, 10, 11, 12, 13.

Zusammenlagerung ist mit Einschränkungen erlaubt für Produkte der Lagerklassen: 4.1A, 4.3, 5.1C.

Separatlagerung ist erforderlich für Produkte aller übrigen Lagerklassen.

#### *Geeigneten Verpackung:*

Nur in Originalverpackung aufbewahren.

#### *Lagerklasse:*

Lagerklasse 12 (Nichtbrennbare Flüssigkeiten).

TRGS 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern.

#### *Lagerbedingungen:*

Trocken, kühl und gut belüftet.

#### *Unverträgliche Materialien:*

Starke Säuren, starke Basen, starke Oxidationsmittel und starke Reduktionsmittel.

### 7.3. Spezifische Endanwendungen

Dieses Produkt sollte nur für Anwendungen in Abschnitt 1.2 verwendet werden.

## ABSCHNITT 8: BEGRENZUNG UND ÜBERWACHUNG DER EXPOSITION/PERSÖNLICHE SCHUTZAUSRÜSTUNGEN

### 8.1. Zu überwachende Parameter

Isopropylalkohol

Arbeitsplatzgrenzwert (8 Stunden) (ppm): 200

Arbeitsplatzgrenzwert (8 Stunden) (mg/m<sup>3</sup>): 500

Kurzzeitwert (15 Minuten) (ppm): 400

Kurzzeitwert (15 Minuten) (mg/m<sup>3</sup>): 1000

Kategorie für Kurzzeitwerte: II

Bemerkungen:

DFG = Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission).

Y = Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden.

Ethanol;Ethylalkohol

Arbeitsplatzgrenzwert (8 Stunden) (ppm): 200

Arbeitsplatzgrenzwert (8 Stunden) (mg/m<sup>3</sup>): 380

Kurzzeitwert (15 Minuten) (ppm): 800

Kurzzeitwert (15 Minuten) (mg/m<sup>3</sup>): 1520

Kategorie für Kurzzeitwerte: II

Bemerkungen:

DFG = Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission).

Y = Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden.

2-Phenoxyethanol

Arbeitsplatzgrenzwert (8 Stunden) (ppm): 1

Arbeitsplatzgrenzwert (8 Stunden) (mg/m<sup>3</sup>): 5,7

Kurzzeitwert (15 Minuten) (ppm): 1

Kurzzeitwert (15 Minuten) (mg/m<sup>3</sup>): 5,7

Kategorie für Kurzzeitwerte: I

Bemerkungen:

DFG = Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe der DFG (MAK-Kommission).

Y = Ein Risiko der Fruchtschädigung braucht bei Einhaltung des Arbeitsplatzgrenzwertes und des biologischen Grenzwertes (BGW) nicht befürchtet zu werden.

(11) = Summe aus Dampf und Aerosolen.

Technische Regeln für Gefahrstoffe, Arbeitsplatzgrenzwerte, TRGS 900 (Jan. 2006)

### DNEL

2-Phenoxyethanol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen	Dermal	10,42 mg/kg
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	20,83 mg/kg
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	34,72 mg/kg/Tag
Langfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	5,7 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen	Inhalation	2,41 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	5,7 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	8,07 mg/m <sup>3</sup>
Langfristig	Oral	9,23 mg/kg

Ethanol;Ethylalkohol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	206 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	343 mg/kg/Tag
Kurzfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	950 mg/m <sup>3</sup>
Kurzfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	1900 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	114 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	380 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	87 mg/kg/Tag

#### Isopropylalkohol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	319 mg/kg
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	888 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	89 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	89 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	500 mg/m <sup>3</sup>
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	26 mg/kg

#### PNEC

##### 2-Phenoxyethanol

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		1,26 mg/kg
Kläranlagen		24,8 mg/L
Kläranlagen	Einzel	36 mg/L
Seewasser		0,0943 mg/L
Seewassersedimente		0,7237 mg/kg
Süßwasser		0,943 mg/L
Süßwassersedimente		7.2366 mg/kg

##### Ethanol; Ethylalkohol

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		630 µg/kg
Kläranlagen		580 mg/L
Prädatoren		380-720 mg/kg
Pulsierende Freisetzung (Süßwasser)		2.75 mg/L
Seewasser		790 µg/L
Seewassersedimente		2.9 mg/kg
Süßwasser		960 µg/L
Süßwassersedimente		3.6 mg/kg

##### Isopropylalkohol

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		28 mg/kg
Kläranlagen		2251 mg/L
Pulsierende Freisetzung		140,9 mg/L
Seewasser		140,9 mg/L

Seewassersedimente		552 mg/kg
Süßwasser		140,9 mg/L
Süßwassersedimente		552 mg/kg

## 8.2. Begrenzung und Überwachung der Exposition

Es wird empfohlen die Einhaltung der angegebenen Grenzwerte regelmäßig zu kontrollieren.

### Allgemeine Hinweise:

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

### Expositionsszenarien:

Für dieses Produkt wurden keine Expositionsszenarien implementiert.

### Expositionsgrenzwerte:

Für berufliche Benutzer gelten in Bezug auf die maximalen Expositionskonzentrationen die gesetzlichen Vorschriften zu Arbeitshygiene. Siehe die obigen arbeitshygienische Grenzwerte.

### Zusätzliche Hinweise zur Gestaltung technischer Anlagen:

Dampfbildung muss auf ein Minimum reduziert werden und unter den aktuellen Grenzwerten liegen (siehe oben). Wenn der reguläre Luftstrom im Arbeitsraum nicht ausreichend ist, wird die Installation eines lokalen Abluftsystems empfohlen. Not- und Augenduschen müssen deutlich gekennzeichnet sind. Es gelten die üblichen Vorkehrungsmaßnahmen bei der Verwendung des Produkts. Einatmen von Dämpfen vermeiden.

### Hygienemaßnahmen:

Bei jeder Pause in der Produktnutzung und bei Ende der Arbeiten sind exponierte Körperteile zu waschen. Besonders auf Hände, Unterarme und Gesicht achten.

### Begrenzung der Umweltextposition:

Keine besonderen Anforderungen.

## Individuelle Schutzmaßnahmen

### Allgemeine Schutzmaßnahmen:

Nur Schutzausrüstung mit CE-Kennzeichnung verwenden.

### Atemschutz:

Typ	Klasse	Farbe	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch.				

### Körperschutz:

Empfohlen	Typ/Kategorien	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch.	-	-	

### Handschutz:

Arbeitssituation	Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
	Keine Besonderheiten bei normal vorgesehenem Gebrauch	-	-	-	
Im Falle längere Exposition oder bei hoher Konzentration	Baumwolle / Nitrilkautschuk	-	> 240	EN374-2, EN16523-1, EN388	

### Augenschutz:

Typ	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch.	-	

## ABSCHNITT 9: PHYSIKALISCHE UND CHEMISCHE EIGENSCHAFTEN

### 9.1. Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften

*Form:*

Flüssig

*Farbe:*

Weiß

*Geruch / Geruchsschwelle (ppm):*

Parfümiert

*pH:*

ca. 9

*Dichte (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Kinematische Viskosität:*

Es liegen keine Daten vor.

*Dynamische Viskosität:*

ca 1000 mPa.s (20 °C)

*Partikeleigenschaften:*

Gilt nicht für Flüssigkeiten.

#### Zustandsänderungen

*Schmelzpunkt/Gefrierpunkt (°C):*

Es liegen keine Daten vor.

*Erweichungspunkt/ -bereich (°C):*

Gilt nicht für Flüssigkeiten.

*Siedepunkt (°C):*

Es liegen keine Daten vor.

*Dampfdruck:*

Es liegen keine Daten vor.

*Relative Dampfdichte:*

Es liegen keine Daten vor.

*Zersetzungstemperatur (°C):*

Es liegen keine Daten vor.

#### Explosions und Feuer Daten

*Flammpunkt (°C):*

Es liegen keine Daten vor.

*Entzündbarkeit (°C):*

Es liegen keine Daten vor.

*Zündtemperatur (°C):*

Es liegen keine Daten vor.

*Explosionsgrenzen (% v/v):*

Es liegen keine Daten vor.

#### Löslichkeit

*Löslichkeit in Wasser:*

Es liegen keine Daten vor.

*n-Octanol/Wasser Verteilungskoeffizient (LogKow):*

Es liegen keine Daten vor.

*Löslichkeit in Fett (g/L):*

Es liegen keine Daten vor.

## 9.2. Sonstige Angaben

*Weitere physikalische und chemische Parameter:*

Es liegen keine Daten vor.

*Brandfördernde Eigenschaften:*

Es liegen keine Daten vor.

## ABSCHNITT 10: STABILITÄT UND REAKTIVITÄT

### 10.1. Reaktivität

Es liegen keine Daten vor.

### 10.2. Chemische Stabilität

Das Produkt ist unter den in Abschnitt 7 aufgeführten Bedingungen stabil.

### 10.3. Möglichkeit gefährlicher Reaktionen

Keine bekannt.

### 10.4. Zu vermeidende Bedingungen

Keine bekannt.

### 10.5. Unverträgliche Materialien

Starke Säuren, starke Basen, starke Oxidationsmittel und starke Reduktionsmittel.

### 10.6. Gefährliche Zersetzungsprodukte

Unter normalen Lagerungs- und Verwendungsbedingungen sollten keine gefährlichen Zersetzungsprodukte entstehen.

## ABSCHNITT 11: TOXIKOLOGISCHE ANGABEN

### 11.1. Angaben zu den Gefahrenklassen im Sinne der Verordnung (EG) Nr. 1272/2008

#### Akute Toxizität

Produkt / Substanz	Isopropylalkohol
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	>2000 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	>2000 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Ratte
Expositionswegen:	Inhalation
Test:	LC50
Ergebnis:	>20

Produkt / Substanz	Isopropylalkohol
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	5849 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	5840 mg/kg

Produkt / Substanz	Isopropylalkohol
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	12800 mg/kg

Produkt / Substanz	Isopropylalkohol
Expositionswegen:	Inhalation
Test:	LC50
Ergebnis:	301002 mg/L

Produkt / Substanz	2-Phenoxyethanol
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	1840 mg/kg

Produkt / Substanz	2-Phenoxyethanol
Spezies:	Kaninchen
Expositionswegen:	Dermal
Ergebnis:	>5000 mg/kg

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Ätz-/Reizwirkung auf die Haut

Produkt / Substanz	Isopropylalkohol
Prüfmethode:	OECD 404
Spezies:	Kaninchen
Prüfdauer:	4 hours

Produkt / Substanz	2-Phenoxyethanol
Ergebnis:	Schädliche Wirkungen beobachtet (Ätzend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Schwere Augenschädigung/-reizung

Produkt / Substanz	Isopropylalkohol
Spezies:	Kaninchen
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Produkt / Substanz	Isopropylalkohol
Prüfmethode:	OECD 405
Spezies:	Kaninchen
Ergebnis:	Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Produkt / Substanz	2-Phenoxyethanol
Ergebnis:	Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

#### Sensibilisierung der Atemwege

Produkt / Substanz	Isopropylalkohol
Prüfmethode:	OECD 406
Spezies:	Meerschweinchen
Ergebnis:	Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

### Sensibilisierung der Haut

Produkt / Substanz	Isopropylalkohol
Spezies:	Meerschweinchen
Ergebnis:	Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

### Keimzell-Mutagenität

Produkt / Substanz	Isopropylalkohol
Ergebnis:	Keine schädlichen Wirkungen beobachtet

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

### Karzinogenität

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

### Reproduktionstoxizität

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

### Spezifische Zielorgan-Toxizität bei einmaliger Exposition

Produkt / Substanz	Isopropylalkohol
Expositionswegen:	Oral

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

### Spezifische Zielorgan-Toxizität bei wiederholter Exposition

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

### Aspirationsgefahr

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

## 11.2. Angaben über sonstige Gefahren

### Zusätzliche toxikologische Hinweise

Keine bekannt.

### Endokrinschädlichen Eigenschaften

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Gesundheit hormonstörende Eigenschaften aufweisen.

### Sonstige Angaben

Isopropylalkohol: Der Stoff wurde von der IARC in Gruppe 3 eingestuft.

## ABSCHNITT 12: UMWELTBEZOGENE ANGABEN

### 12.1. Toxizität

Produkt / Substanz	Isopropylalkohol
Spezies:	Fisch, Goudwinde ( <i>Leuciscus idus</i> )
Prüfdauer:	48 Stunden
Test:	LC50
Ergebnis:	>100 mg/L

Produkt / Substanz	Isopropylalkohol
Spezies:	Krustentier, <i>Daphnia magna</i>
Prüfdauer:	48 Stunden
Test:	EC50
Ergebnis:	>100 mg/L

Produkt / Substanz	Isopropylalkohol
Spezies:	Algen, <i>Scenedesmus subspicatus</i>
Prüfdauer:	72 Stunden
Test:	EC50
Ergebnis:	>100 mg/L

Produkt / Substanz	2-Phenoxyethanol
Spezies:	Fisch
Prüfdauer:	96 Stunden

Test: LC50  
Ergebnis: >100 mg/L

Produkt / Substanz: 2-Phenoxyethanol  
Spezies: Algen  
Prüfdauer: 72 Stunden  
Test: ErC50  
Ergebnis: >100 mg/L

Produkt / Substanz: 2-Phenoxyethanol  
Spezies: Daphnia magna  
Prüfdauer: 48 Stunden  
Test: EC50  
Ergebnis: >100 mg/L

Produkt / Substanz: 2-Phenoxyethanol  
Spezies: Fisch  
Test: NOEC  
Ergebnis: 23 mg/L

Produkt / Substanz: 2-Phenoxyethanol  
Spezies: Andere waterorganismen  
Prüfdauer: 30 minutes  
Test: EC50  
Ergebnis: >1000 mg/L

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

## 12.2. Persistenz und Abbaubarkeit

Produkt / Substanz: Isopropylalkohol  
Ergebnis: 95%  
Ergebnis: Leichte biologische Abbaubarkeit  
Test: OECD 301 E

Produkt / Substanz: 2-Phenoxyethanol  
Ergebnis: >70  
Ergebnis: Leichte biologische Abbaubarkeit  
Test: OECD 301 A

## 12.3. Bioakkumulationspotenzial

Produkt / Substanz: Isopropylalkohol  
BCF: <100  
LogKow: <3  
Ergebnis: -

Produkt / Substanz: 2-Phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Ergebnis: -

## 12.4. Mobilität im Boden

Es liegen keine Daten vor.

## 12.5. Ergebnisse der PBT- und vPvB-Beurteilung

Diese Mischung/dieses Produkt enthält keine Substanzen, die den Kriterien für eine Klassifizierung als PBT- und/oder vPvB-Stoff entsprechen.

## 12.6. Endokrinschädlichen Eigenschaften

Diese Mischung/dieses Produkt enthält keine Substanzen, von denen angenommen wird, dass sie in Bezug auf die Umwelt endokrinschädigende Eigenschaften aufweisen.

## 12.7. Andere schädliche Wirkungen

Keine bekannt.

## ABSCHNITT 13: HINWEISE ZUR ENTSORGUNG

### 13.1. Verfahren der Abfallbehandlung

Das Produkt fällt nicht unter die Regeln für gefährliche Abfälle.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

*Abfallschlüsselnr. (EWC):*

20 01 30 Reinigungsmittel mit Ausnahme derjenigen, die unter 20 01 29 fallen

### Ungereinigte Verpackungen

Verpackungen mit Produktrückständen sind nach den gleichen Bedingungen zu entsorgen, wie das Produkt selbst.

## ABSCHNITT 14: ANGABEN ZUM TRANSPORT

	14.1 UN	14.2 Ordnungsgemäße UN- Versandbezeichnung	14.3 Transportgefahrenklassen	14.4 PG*	14.5. Env**	Weitere Angaben:
ADR	1950	AEROSOLS	Transportgefahren-klassen: 2 Gefahrzettel: 2.2 Klassifizierungscode: 5A	-	Nein	Begrenzte Mengen: 1 L Tunnelbesch ränkungscode: 3 (E) Nähere Informatione n siehe unten.
IMDG	1950	AEROSOLS	Transportgefahren-klassen: 2 Gefahrzettel: 2.2 Klassifizierungscode: 5A	-	Nein	Begrenzte Mengen: 1 L EmS: F-D S-U Nähere Informatione n siehe unten.
IATA	1950	AEROSOLS	Transportgefahren-klassen: 2 Gefahrzettel: 2.2 Klassifizierungscode: 5A	-	Nein	Nähere Informatione n siehe unten.

\* Verpackungsgruppe

\*\* Umweltgefahren

### Anderes

Das Produkt fällt unter die Gefahrgutkonventionen.

ADR / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle A, Abschnitt 3.2.1. Schriftliche Anweisungen zur Schadensvermeidung bei transportbezogenen Un- oder Zwischenfällen siehe Abschnitt 5.4.3.

IMDG / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Abschnitt 3.2.1.

IATA / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle 4.2.

### 14.6. Besondere Vorsichtsmaßnahmen für den Verwender

Nicht zutreffend.

#### 14.7. Massengutbeförderung auf dem Seeweg gemäß IMO-Instrumenten

Es liegen keine Daten vor.

## ABSCHNITT 15: RECHTSVORSCHRIFTEN

### 15.1. Vorschriften zu Sicherheit, Gesundheits- und Umweltschutz/spezifische Rechtsvorschriften für den Stoff oder das Gemisch

*Nutzungsbeschränkungen:*

Nur für gewerbliche Anwender.

*Bedarf für spezielle Schulung:*

Keine besonderen Anforderungen.

*Der Störfallverordnung - Gefahrenkategorien / Namentlich aufgeführte gefährliche Stoffe:*

Nicht zutreffend.

*REACH, Anhang XVII:*

Isopropylalkohol unterliegt den REACH-Beschränkungen (Eintrag Nr. 40).

Ethanol; Ethylalkohol unterliegt den REACH-Beschränkungen (Eintrag Nr. 40).

*Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:*

< 5%

- Anionische Tenside
- Nichtionische tenside
- Duftstoffe
- Konservierungsmittel (PHENOXYETHANOL)

*WGK-Einstufung:*

Wassergefährdungsklasse: WGK 1

*Anderes:*

Nicht zutreffend.

*Verwendete Quellen:*

Gesetz zum Schutz von Müttern bei der Arbeit, in der Ausbildung und im Studium (Mutterschutzgesetz - MuSchG) vom 23. Mai 2017 (BGBl. I S. 1228).

VERORDNUNG (EG) Nr. 648/2004 des Europäischen Parlaments und des Rates vom 31. März 2004 über Detergenzien.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV).

VERORDNUNG (EG) Nr. 1272/2008 des Europäischen Parlaments und des Rates vom 16. Dezember 2008 über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen (CLP).

Verordnung (EG) Nr. 1907/2006 des Europäischen Parlaments und des Rates vom 18. Dezember 2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe (REACH).

### 15.2. Stoffsicherheitsbeurteilung

Nein

## ABSCHNITT 16: SONSTIGE ANGABEN

### H-Sätze (Abschnitt 3)

H225, Flüssigkeit und Dampf leicht entzündbar.

H302, Gesundheitsschädlich bei Verschlucken.

H318, Verursacht schwere Augenschäden.

H319, Verursacht schwere Augenreizung.

H335, Kann die Atemwege reizen.

H336, Kann Schläfrigkeit und Benommenheit verursachen.

### Abkürzungen und Akronyme

ADN = Europäisches Übereinkommen über die internationale Beförderung von gefährlichen Gütern auf Binnenwasserstrassen

ADR = Europäisches Übereinkommen über die internationale Beförderung gefährlicher Güter auf der Strasse

ak = andere kontrollpflichtige Abfälle  
akb = andere kontrollpflichtige Abfälle mit Begleitscheinpflicht  
ATE = Schätzwert akute Toxizität  
BCF = Biokonzentrationsfaktor  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne (Europäische Konformität)  
CLP = Verordnung über die Einstufung, Kennzeichnung und Verpackung [Verordnung (EG) Nr. 1272/2008]  
CSA = Stoffsicherheitsbeurteilung  
CSR = Stoffsicherheitsbericht  
DMEL = Abgeleiteter Minimaler-Effekt-Grenzwert  
DNEL = Abgeleiteter Nicht-Effekt-Grenzwert  
EAK = Europäischer Abfallkatalog  
EINECS = Altstoffverzeichnis  
ES = Expositionsszenario EUH-Satz = CLP-spezifischer Gefahrenhinweis  
EuPCS = Europäisches Produktkategorisierungssystem  
GHS = Global harmonisiertes System zur Einstufung und Kennzeichnung von Chemikalien  
GWP = Potenzial zur Erwärmung der Erdatmosphäre  
IATA = Internationale Flug-Transport-Vereinigung  
IBC = Intermediate Bulk Container  
IMDG = Gefährliche Güter im internationalen Seeschiffsverkehr  
LogPow = Dekadischer Logarithmus des Oktanol-Wasser-Verteilungskoeffizienten  
MARPOL = Internationales Übereinkommen von 1973 zur Verhütung der Meeresverschmutzung durch Schiffe in der Fassung des Protokolls von 1978. ("Marpol" = marine pollution)  
nwg = Nicht wassergefährdend  
OECD = Organisation für wirtschaftliche Zusammenarbeit und Entwicklung  
PBT = Persistent, bioakkumulierbar und toxisch  
PNEC = Abgeschätzte Nicht-Effekt-Konzentration  
RID = Regelung zur internationalen Eisenbahnbeförderung gefährlicher Güter  
RRN = REACH Registriernummer  
S = Sonderabfälle  
SCL = Spezifischen Konzentrationsgrenzwert.  
SVHC = Besonders besorgniserregende Substanzen  
STOT-RE = Spezifische Zielorgan-Toxizität - Wiederholte Exposition  
STOT-SE = Spezifische Zielorgan-Toxizität - Einmalige Exposition  
UN = Vereinigte Nationen  
UVCB = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.  
VOC = Flüchtige organische Verbindungen  
vPvB = Sehr persistent und sehr bioakkumulierbar  
WGK = Wassergefährdungsklasse

**Anderes**

Nicht zutreffend.

**Sicherheitsdatenblatt abgenommen durch**

Quality & Compliance

**Anderes**

Änderungen im Verhältnis zur letzten umfassenden Revision (erste Ziffer in der SDS-Version, s. Abschnitt 1) dieses Sicherheitsdatenblatts sind mit einem Dreieck markiert.

Angaben in diesem Sicherheitsdatenblatt gelten nur für das Produkt in Abschnitt 1 und gelten nicht unbedingt bei Einsatz zusammen mit anderen Produkten.

Es wird empfohlen, dem tatsächlichen Produktbenutzer dieses Sicherheitsdatenblatt auszuhändigen. Die erwähnten Angaben sind nicht als Produktspezifikation zu verwenden.

Land-sprache: DE-de

## SIKKERHEDSDATABLAD

# i.26 kitchen polish (Alu-Air)

## PUNKT 1: IDENTIFIKATION AF STOFFET/BLANDINGEN OG AF SELSKABET/VIRKSOMHEDEN

### 1.1. Produktidentifikator

*Handelsnavn:*

i.26 kitchen polish (Alu-Air)

*Unik formelidentifikator (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Relevante identificerede anvendelser for stoffet eller blandingen samt anvendelser, der frarådes

*Relevante identificerede anvendelser for stoffet eller blandingen:*

Vask- og rengøringsprodukt (indeholdende opløsningsmiddelbaserede produkter)

Udelukkende til erhvervsmæssig brug.

*Anvendelser der frarådes :*

Ingen kendte.

### 1.3. Nærmere oplysninger om leverandøren af sikkerhedsdatabladet

*Firmanavn og adresse:*

**Hygeniq B.V.**

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

*E-mail:*

info@hygeniq.com

*Revision:*

26.05.2025

*SDS Version:*

1.0

### 1.4. Nødtelefon

Kontakt Giftlinjen på telefon +45 82 12 12 12 (åbent 24 timer i døgnet).

Se punkt 4 om førstehjælpsforanstaltninger.

## PUNKT 2: FAREIDENTIFIKATION

Klassificeret i henhold til Europa-Parlamentets og Rådets forordning (EF) nr. 1272/2008 (CLP).

### 2.1. Klassificering af stoffet eller blandingen

Aerosol 3; H229, Beholder under tryk. Kan sprænges ved opvarmning.

### 2.2. Mærkningselementer

*Farepiktogram:*

Ikke relevant.

**Signalord:**

Advarsel

**Faresætninger:**

Beholder under tryk. Kan sprænges ved opvarmning. (H229)

**Sikkerhedssætning(er):**

**Generelt:**

-

**Forebyggelse:**

Holdes væk fra varme, varme overflader, gnister, åben ild og andre antændelseskilder. Rygning forbudt. (P210)

Må ikke punkteres eller brændes, heller ikke efter brug. (P251)

**Reaktion:**

-

**Opbevaring:**

Beskyttes mod sollys. Må ikke udsættes for en temperatur, som overstiger 50 °C/122°F. (P410+P412)

**Bortskaffelse:**

-

**Oplysningspligtige indholdsstoffer:**

Indeholder ingen oplysningspligtige stoffer

**Anden mærkning:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Indholdsmærkning jævnfør detergent-forordning (EF) nr. 648/2004:**

< 5%

- Anioniske overfladeaktive stoffer
- Nonioniske overfladeaktive stoffer
- Parfume
- Konserveringsmiddel (PHENOXYETHANOL)

### 2.3. Andre farer

**Andet:**

Blandingen/produktet indeholder ingen stoffer, som opfylder kriterierne for at skulle klassificeres som et PBT- og/eller vPvB-stof.

Produktet indeholder ingen stoffer, der er vurderet til at være hormonforstyrrende i overensstemmelse med kriterierne i Kommissionens delegerede forordning (EU) 2017/2100 eller Kommissionens forordning (EU) 2023/707.

## PUNKT 3: SAMMENSÆTNING AF/OPLYSNING OM INDHOLDSTOFFER

### 3.1. Stoffer

Finder ikke anvendelse. Dette produkt er en blanding.

### 3.2. Blandinger

Produkt/Substans	Identifikatorer	% w/w	Klassificering	Bem.
isopropylalkohol	CAS nr.: 67-63-0 EF nr.: 200-661-7 REACH: Indeksnr.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethylalkohol	CAS nr.: 64-17-5 EF nr.: 200-578-6 REACH: Indeksnr.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

2-phenoxyethanol	CAS nr: 122-99-6 EF nr.: 204-589-7 REACH: 01-2119488943-21 Indeksnr.: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	
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Den fulde ordlyd af H-sætningerne findes i punkt 16. Arbejdshygiejniske grænseværdier er nævnt i punkt 8, såfremt de er tilgængelige.

#### Andre oplysninger

-

## PUNKT 4: FØRSTEHJÆLPSFORANSTALTNINGER

### 4.1. Beskrivelse af førstehjælpsforanstaltninger

#### Generelt:

Ved uheld: Kontakt læge eller skadestue - medbring etiketten eller dette sikkerhedsdatablad. Lægen kan rette henvendelse til Arbejds- og miljømedicinsk klinik, Bispebjerg Hospital, tlf. 38 63 61 72.

Ved vedvarende symptomer eller ved tvivl om den tilskadekomnes tilstand skal der søges lægehjælp. Giv aldrig en bevidstløs person vand eller lignende.

#### Indånding:

Ved åndedrætsbesvær eller anden irritation af luftvejene: Bring personen ud i frisk luft og hold personen under opsyn.

#### Hudkontakt:

Forurenede tøj og sko fjernes. Hud, der har været i kontakt med materialet vaskes grundigt med vand og sæbe. Hudrensningemiddel kan anvendes. Brug IKKE opløsningsmidler eller fortyndere.

#### Øjenkontakt:

Ved kontakt med øjnene: Skyl straks med vand eller saltvand (20-30 °C) i mindst 5 minutter. Fjern evt. kontaktlinser. Søg læge og fortsæt skylningen under transporten derhen.

#### Indtagelse:

Hvis personen er ved bevidsthed, skyl og rens munden med vand og hold personen under opsyn. Giv ikke personen noget at drikke.

Ved ildebefindende: Kontakt omgående læge og medbring dette sikkerhedsdatablad eller etiketten fra produktet. Fremkald ikke opkastning, medmindre lægen anbefaler det. Sænk hovedet, således at evt. opkast ikke vil løbe tilbage i munden og halsen.

#### Forbrænding:

Ikke relevant.

### 4.2. Vigtigste symptomer og virkninger, både akutte og forsinkede

Ingen kendte.

### 4.3. Angivelse af om øjeblikkelig lægehjælp og særlig behandling er nødvendig

Behandles symptomatisk.

### Oplysning til lægen

Medbring dette sikkerhedsdatablad eller etiketten fra materialet.

## PUNKT 5: BRANDBEKÆMPELSE

### 5.1. Slukningsmidler

Ikke relevant.

### 5.2. Særlige farer i forbindelse med stoffet eller blandingen

Beholder under tryk. Ved brand eller opvarmning vil der dannes overtryk i beholderen, som dermed risikere at bryde.

Brand vil udvikle tæt røg. Udsættelse for nedbrydningsprodukter kan udgøre en sundhedsfare. Lukkede beholdere, der udsættes for ild, afkøles med vand. Lad ikke vand fra brandslukning løbe ud i kloakker og vandløb. Hvis produktet udsættes for høje temperaturer, fx i tilfælde af brand, kan der dannes farlige nedbrydningsprodukter.

Disse er:

Carbonoxider (CO / CO<sub>2</sub>)

Nogle metaloxider

### 5.3. Anvisninger for brandmandskab

Brug fuld åndedrætsbeskyttelse og beskyttelsesbeklædning for at forhindre kontakt. Ved direkte kontakt med kemikaliet kan indsatsleder kontakte kemikalieberedskabsvagten på telefon 72 85 20 00 (døgnvagt), med henblik på yderligere rådgivning.

## PUNKT 6: FORHOLDSREGLER OVER FOR UDSLIP VED UHELD

### 6.1. Personlige sikkerhedsforanstaltninger, personlige værnemidler og nødprocedurer

Sørg for tilstrækkelig ventilation, især i lukkede områder.

Forurenede arealer kan være glatte.

### 6.2. Miljøbeskyttelsesforanstaltninger

Undgå udledning til søer, åer, kloakker mv.

Hold uautoriserede personer væk fra spildet

### 6.3. Metoder og udstyr til inddæmning og oprensning

Spild begrænses og opsamles med ikke-brandbart absorberende materiale, f.eks. sand, jord, vemiculite, diatomejord og placeres i beholder og bortskaffes i overensstemmelse med gældende regler.

Rengøring foretages så vidt muligt med rengøringsmidler. Opløsningsmidler bør undgås.

### 6.4. Henvisning til andre punkter

Se punkt 13 "Bortskaffelse" om håndtering af affald.

Se punkt 8 "Eksponeringskontrol/personlige værnemidler" for beskyttelsesforanstaltninger.

## PUNKT 7: HÅNDTERING OG OPBEVARING

### 7.1. Forholdsregler for sikker håndtering

Må ikke punkteres eller brændes, heller ikke efter brug.

Rygning samt indtagelse af mad og drikke er ikke tilladt i arbejdslokaler.

Se punktet "Eksponeringskontrol/personlige værnemidler" for oplysning om personlig beskyttelse.

### 7.2. Betingelser for sikker opbevaring, herunder eventuel uforenelighed

Materialet opbevares i tæt lukkede beholdere beskyttet mod fugt og lys. Angiv anbrudsdato på beholderen ved åbning og test ved regelmæssig kontrol for peroxidindhold. Overskrid ikke angivne opbevaringstider.

Åbnet emballage skal lukkes omhyggeligt og opbevares oprejst for at forebygge lækage.

*Anbefalet opbevaringsmateriale:*

Opbevares kun i originalemballagen.

*Opbevaringsbetingelser:*

Tørt, køligt og velventileret

*Materialer, der skal undgås:*

Stærke syrer, stærke baser, stærke oxidationsmidler og stærke reduktionsmidler.

### 7.3. Særlige anvendelser

Produktet bør kun bruges til anvendelser beskrevet i punkt 1.2.

## PUNKT 8: EKSPONERINGSKONTROL/PERSONLIGE VÆRNEMIDLER

### 8.1. Kontrolparametre

Aluminium oxide

Grænseværdi (8 timer) (mg/m<sup>3</sup>): 2 (respirabel, som Al) / 5 (total, som Al) / 5 (Aluminiumrøg, som Al)

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Grænseværdi (15 minutter) (mg/m<sup>3</sup>): 4 (respirabel, som Al) / 10 (total, som Al) / 10 (Aluminiumrøg, som Al)

isopropylalkohol

Grænseværdi (8 timer) (mg/m<sup>3</sup>): 490

Grænseværdi (8 timer) (ppm): 200

Grænseværdi (15 minutter) (mg/m<sup>3</sup>): 980

Grænseværdi (15 minutter) (ppm): 400

ethanol;ethylalkohol

Grænseværdi (8 timer) (mg/m<sup>3</sup>): 1900

Grænseværdi (8 timer) (ppm): 1000

Grænseværdi (15 minutter) (mg/m<sup>3</sup>): 3800

Grænseværdi (15 minutter) (ppm): 2000

Bekendtgørelse nr. 1619 om grænseværdier for stoffer og materialer af 19/12/2024.

## DNEL

2-phenoxyethanol

Varighed:	Eksponeeringsvej:	DNEL:
På lang sigt – systemiske virkninger	Dermal	10,42 mg/kg
På lang sigt – systemiske virkninger - arbejdere	Dermal	34.72 mg/kg bw/dag
På lang sigt – systemiske virkninger - forbruger	Dermal	20,83 mg/kg
På lang sigt – lokale virkninger - arbejdere	Indånding	5,7 mg/m <sup>3</sup>
På lang sigt – systemiske virkninger	Indånding	2,41 mg/m <sup>3</sup>
På lang sigt – systemiske virkninger - arbejdere	Indånding	5,7 mg/m <sup>3</sup>
På lang sigt – systemiske virkninger - arbejdere	Indånding	8.07 mg/m <sup>3</sup>
På lang sigt	Oral	9,23 mg/kg

ethanol;ethylalkohol

Varighed:	Eksponeeringsvej:	DNEL:
På lang sigt – systemiske virkninger - arbejdere	Dermal	343 mg/kg bw/dag
På lang sigt – systemiske virkninger - forbruger	Dermal	206 mg/kg bw/dag
På kort sigt – lokale virkninger - arbejdere	Indånding	1900 mg/m <sup>3</sup>
På kort sigt – lokale virkninger - forbruger	Indånding	950 mg/m <sup>3</sup>
På lang sigt – systemiske virkninger - arbejdere	Indånding	380 mg/m <sup>3</sup>
På lang sigt – systemiske virkninger - forbruger	Indånding	114 mg/m <sup>3</sup>
På lang sigt – systemiske virkninger - forbruger	Oral	87 mg/kg bw/dag

isopropylalkohol

Varighed:	Eksponeeringsvej:	DNEL:
På lang sigt – systemiske virkninger - arbejdere	Dermal	888 mg/m <sup>3</sup>
På lang sigt – systemiske virkninger - forbruger	Dermal	319 mg/kg
På lang sigt – systemiske virkninger - arbejdere	Indånding	500 mg/m <sup>3</sup>
På lang sigt – systemiske virkninger - forbruger	Indånding	89 mg/m <sup>3</sup>
På lang sigt – systemiske virkninger - forbruger	Indånding	89 mg/m <sup>3</sup>
På lang sigt – systemiske virkninger - forbruger	Oral	26 mg/kg

## PNEC

2-phenoxyethanol

Eksponeringsvej:	Varighed af eksponering:	PNEC:
Ferskvand		0,943 mg/L
Ferskvandssediment		7.2366 mg/kg
Havvand		0.0943 mg/L
Havvandssediment		0,7237 mg/kg
Jord		1,26 mg/kg
Spildevandsbehandlingsanlæg		24,8 mg/L
Spildevandsbehandlingsanlæg	Enkelt	36 mg/L

ethanol;ethylalkohol

Eksponeringsvej:	Varighed af eksponering:	PNEC:
Ferskvand		960 µg/L
Ferskvandssediment		3.6 mg/kg
Havvand		790 µg/L
Havvandssediment		2.9 mg/kg
Jord		630 µg/kg
Periodisk udslip (ferskvand)		2.75 mg/L
Rovdyr		380-720 mg/kg
Spildevandsbehandlingsanlæg		580 mg/L

isopropylalkohol

Eksponeringsvej:	Varighed af eksponering:	PNEC:
Ferskvand		140,9 mg/L
Ferskvandssediment		552 mg/kg
Havvand		140,9 mg/L
Havvandssediment		552 mg/kg
Jord		28 mg/kg
Periodisk udslip		140,9 mg/L
Spildevandsbehandlingsanlæg		2251 mg/L

## 8.2. Eksponeringskontrol

Overholdelse af de angivne grænseværdier bør kontrolleres regelmæssigt. Se evt. At-vejledning D.7.1, maj 2001.

*Generelle forholdsregler:*

Rygning samt indtagelse af mad og drikke er ikke tilladt i arbejdslokaler.

*Eksponeringsscenerier:*

Der er ikke implementeret nogen eksponeringsscenerier for dette produkt.

*Eksponeringsgrænse:*

Erhvervsmæssige brugere er omfattet af arbejdsmiljølovgivningens regler om maksimumkoncentrationer for eksponering. Se arbejdshygiejniske grænseværdier ovenfor.

*Tekniske tiltag:*

Udvikling af dampe skal holdes lavest muligt og under de pågældende grænseværdier (se ovenfor). Brug eventuelt punktudsugning såfremt almindelig luftgennemstrømning i arbejdslokalet ikke er tilstrækkeligt. Sørg for synlig skiltning af øjenskyl og nødbruker.

Udvis almindelig forsigtighed ved brug af produktet. Undgå indånding af dampe.

*Hygiejniske foranstaltninger:*

Ved hver pause i brug af produktet og ved arbejdets ophør skal eksponerede områder af kroppen afvaskes. Vær særlig opmærksom på hænder, underarme og ansigt.

*Foranstaltninger til begrænsning af eksponering af miljøet:*

Ingen særlige krav.

### Individuelle beskyttelsesforanstaltninger

*Generelt:*

Anvend kun CE-mærket værneudstyr.

*Luftvejene:*

Type	Klasse	Farve	Standarder	
Ingen særlige ved normal tilsigtet brug.				

*Hud og krop:*

Type	Type/Kategori	Standarder	
Ingen særlige ved normal tilsigtet brug.	-	-	

*Hænder:*

Arbejdssituation	Materiale	Handsketykkelse (mm)	Gennembrudstid (min.)	Standarder	
	Ingen særlige ved normal tilsigtet brug	-	-	-	
I tilfælde af langvarig eksponering eller høje koncentrationer	Bomuld / Nitril	-	> 240	EN374-2, EN16523-1, EN388	

*Øjne:*

Type	Standarder	
Ingen særlige ved normal tilsigtet brug.	-	

## PUNKT 9: FYSISKE OG KEMISKE EGENSKABER

### 9.1. Oplysninger om grundlæggende fysiske og kemiske egenskaber

*Fysisk form:*

Flydende

*Farve:*

Hvid

*Lugt / Lugttærskel (ppm):*

Parfumeret

*pH:*

ca. 9

*Massefylde (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Kinematisk viskositet:*

Ingen data tilgængelige.

*Dynamisk viskositet:*

ca 1000 mPa.s (20 °C)

*Partikelegenskaber:*

Finder ikke anvendelse på væsker.

### Tilstandsændring og dampe

*Smeltepunkt/frysepunkt (°C):*

Ingen data tilgængelige.

*Blødgøringspunkt/-interval (°C):*

Finder ikke anvendelse på væsker.

*Kogepunkt (°C):*

Ingen data tilgængelige.

*Damptryk:*

Ingen data tilgængelige.

*Relativ dampmassefylde:*

Ingen data tilgængelige.

*Nedbrydningstemperatur (°C):*

Ingen data tilgængelige.

#### **Data for brand- og eksplosionsfare**

*Flammepunkt (°C):*

Ingen data tilgængelige.

*Antændelighed (°C):*

Ingen data tilgængelige.

*Selvantændelsestemperatur (°C):*

Ingen data tilgængelige.

*Øvre og nedre eksplosionsgrænse (% v/v):*

Ingen data tilgængelige.

#### **Opløselighed**

*Opløselighed i vand:*

Ingen data tilgængelige.

*n-octanol/vand koefficient (LogKow):*

Ingen data tilgængelige.

*Opløselighed i fedt (g/L):*

Ingen data tilgængelige.

#### **9.2. Andre oplysninger**

*Andre fysiske og kemiske parametre:*

Ingen data tilgængelige.

*Oxiderende egenskaber:*

Ingen data tilgængelige.

## **PUNKT 10: STABILITET OG REAKTIVITET**

#### **10.1. Reaktivitet**

Ingen data tilgængelige.

#### **10.2. Kemisk stabilitet**

Produktet er stabilt under de betingelser, som er angivet i punkt 7 "Håndtering og opbevaring".

#### **10.3. Risiko for farlige reaktioner**

Ingen kendte.

#### **10.4. Forhold, der skal undgås**

Ingen kendte.

#### **10.5. Materialer, der skal undgås**

Stærke syrer, stærke baser, stærke oxidationsmidler og stærke reduktionsmidler.

#### **10.6. Farlige nedbrydningsprodukter**

Under normale opbevarings- og brugsforhold bør der ikke dannes farlige nedbrydningsprodukter.

## PUNKT 11: TOKSIKOLOGISKE OPLYSNINGER

### 11.1. Oplysninger om fareklasser som defineret i forordning (EF) nr. 1272/2008

#### Akut toksicitet

Produkt/Substans	Aluminium oxide
Art:	Rotte
Eksponeringsvej:	Indånding
Test:	LC50
Resultat:	> 5 mg/L

Produkt/Substans	Aluminium oxide
Art:	Rotte
Eksponeringsvej:	Oral
Resultat:	> 5000 mg/kg

Produkt/Substans	isopropylalkohol
Art:	Rotte
Eksponeringsvej:	Oral
Test:	LD50
Resultat:	>2000 mg/kg

Produkt/Substans	isopropylalkohol
Art:	Kanin
Eksponeringsvej:	Dermal
Test:	LD50
Resultat:	>2000 mg/kg

Produkt/Substans	isopropylalkohol
Art:	Rotte
Eksponeringsvej:	Indånding
Test:	LC50
Resultat:	>20

Produkt/Substans	isopropylalkohol
Eksponeringsvej:	Oral
Test:	LD50
Resultat:	5849 mg/kg

Produkt/Substans	isopropylalkohol
Art:	Rotte
Eksponeringsvej:	Oral
Test:	LD50
Resultat:	5840 mg/kg

Produkt/Substans	isopropylalkohol
Art:	Kanin
Eksponeringsvej:	Dermal
Test:	LD50
Resultat:	12800 mg/kg

Produkt/Substans	isopropylalkohol
Eksponeringsvej:	Indånding
Test:	LC50
Resultat:	301002 mg/L

Produkt/Substans	2-phenoxyethanol
Art:	Rotte

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Eksponeringsvej:	Oral
Test:	LD50
Resultat:	1840 mg/kg

---

Produkt/Substans	2-phenoxyethanol
Art:	Kanin
Eksponeringsvej:	Dermal
Resultat:	>5000 mg/kg

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

#### **Hudætsning/-irritation**

Produkt/Substans	isopropylalkohol
Forsøgsmetode:	OECD 404
Art:	Kanin
Varighed:	4 hours

---

Produkt/Substans	2-phenoxyethanol
Resultat:	Skadelige virkninger observeret (Ætsende)

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

#### **Alvorlig øjenskade/øjenirritation**

Produkt/Substans	Aluminium oxide
------------------	-----------------

---

Produkt/Substans	isopropylalkohol
Art:	Kanin
Resultat:	Skadelige virkninger observeret (Irriterende)

---

Produkt/Substans	isopropylalkohol
Forsøgsmetode:	OECD 405
Art:	Kanin
Resultat:	Skadelige virkninger observeret (Forårsager alvorlig øjenskade)

---

Produkt/Substans	2-phenoxyethanol
Resultat:	Skadelige virkninger observeret (Forårsager alvorlig øjenskade)

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

#### **Respiratorisk sensibilisering**

Produkt/Substans	isopropylalkohol
Forsøgsmetode:	OECD 406
Art:	Marsvin
Resultat:	Ingen skadelige virkninger observeret (ikke sensibiliserende)

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

#### **Hudsensibilisering**

Produkt/Substans	isopropylalkohol
Art:	Marsvin
Resultat:	Ingen skadelige virkninger observeret (ikke sensibiliserende)

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

#### **Kimcellemutagenicitet**

Produkt/Substans	isopropylalkohol
Konklusion:	Ingen skadelige virkninger observeret

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

#### **Kræftfremkaldende egenskaber**

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

#### **Reproduktionstoksicitet**

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

#### **Enkel STOT-eksponering**

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Produkt/Substans isopropylalkohol  
Eksponeeringsvej: Oral

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

#### **Gentagne STOT-eksponeringer**

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

#### **Aspirationsfare**

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

### **11.2. Oplysninger om andre farer**

#### **Langtidsvirkninger**

Ingen kendte.

#### **Hormonforstyrrende egenskaber**

Blandingen/produktet indeholder ingen stoffer, som er vurderet til at have hormonforstyrrende egenskaber i forhold til sundhed.

#### **Andre oplysninger**

isopropylalkohol er klassificeret af IARC i gruppe 3.

## **PUNKT 12: MILJØOPLYSNINGER**

### **12.1. Toksicitet**

Produkt/Substans isopropylalkohol  
Art: Fisk, Goudwinde (*Leuciscus idus*)  
Varighed: 48 timer  
Test: LC50  
Resultat: >100 mg/L

Produkt/Substans isopropylalkohol  
Art: Krebsdyr, *Daphnia magna*  
Varighed: 48 timer  
Test: EC50  
Resultat: >100 mg/L

Produkt/Substans isopropylalkohol  
Art: Alger, *Scenedesmus subspicatus*  
Varighed: 72 timer  
Test: EC50  
Resultat: >100 mg/L

Produkt/Substans 2-phenoxyethanol  
Art: Fisk  
Varighed: 96 timer  
Test: LC50  
Resultat: >100 mg/L

Produkt/Substans 2-phenoxyethanol  
Art: Alger  
Varighed: 72 timer  
Test: ErC50  
Resultat: >100 mg/L

Produkt/Substans 2-phenoxyethanol  
Art: *Daphnia magna*  
Varighed: 48 timer  
Test: EC50  
Resultat: >100 mg/L

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Produkt/Substans	2-phenoxyethanol
Art:	Fisk
Test:	NOEC
Resultat:	23 mg/L

Produkt/Substans	2-phenoxyethanol
Art:	Andere waterorganismen
Varighed:	30 minutes
Test:	EC50
Resultat:	>1000 mg/L

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

### 12.2. Persistens og nedbrydelighed

Produkt/Substans	isopropylalkohol
Resultat:	95%
Konklusion:	Let bionedbrydeligt
Test:	OECD 301 E

Produkt/Substans	2-phenoxyethanol
Resultat:	>70
Konklusion:	Let bionedbrydeligt
Test:	OECD 301 A

### 12.3. Bioakkumuleringspotentiale

Produkt/Substans	isopropylalkohol
BCF:	<100
LogKow:	<3
Konklusion:	-

Produkt/Substans	2-phenoxyethanol
BCF:	0,349
LogKow:	1.2
Konklusion:	-

### 12.4. Mobilitet i jord

Ingen data tilgængelige.

### 12.5. Resultater af PBT- og vPvB-vurdering

Blandingen/produktet indeholder ingen stoffer, som opfylder kriterierne for at skulle klassificeres som et PBT- og/eller vPvB-stof.

### 12.6. Hormonforstyrrende egenskaber

Blandingen/produktet indeholder ingen stoffer, som er vurderet til at have hormonforstyrrende egenskaber i forhold til miljøet.

### 12.7. Andre negative virkninger

Ingen kendte.

## PUNKT 13: BORTSKAFFELSE

### 13.1. Metoder til affaldsbehandling

Produktet er ikke omfattet af reglerne om farligt affald.  
Kommissionens Forordning (EU) nr. 1357/2014 af 18. december 2014 om affald.

*EAK-kode:*  
20 01 30 Detergenter, bortset fra affald henhørende under 20 01 29

*Affaldsgruppe:*  
Gr. Z Affald, som ikke kan placeres i øvrige grupper

### Særlig mærkning

Ikke relevant.

**Forurenet emballage**

Emballager, med restindhold af produktet, bortskaffes efter samme betingelser som produktet.

**PUNKT 14: TRANSPORTOPLYSNINGER**

	14.1 UN	14.2 UN-forsendelsesbetegnelse	14.3 Transportfareklasse(r)	14.4 PG*	14.5. Env**	Andre oplysninger:
ADR	1950	AEROSOLS	Transportfareklasse: 2 Faresedler: 2.2 Klassifikationskode: 5A	-	Nej	Begrænsede mængder: 1 L Tunnelrestriktionskode: 3 (E) Se i øvrigt yderligere information nedenfor.
IMDG	1950	AEROSOLS	Transportfareklasse: 2 Faresedler: 2.2 Klassifikationskode: 5A	-	Nej	Begrænsede mængder: 1 L EmS: F-D S-U Se i øvrigt yderligere information nedenfor.
IATA	1950	AEROSOLS	Transportfareklasse: 2 Faresedler: 2.2 Klassifikationskode: 5A	-	Nej	Se i øvrigt yderligere information nedenfor.

\* Emballagegruppe

\*\* Miljøfarer

**Anden information**

Produktet er omfattet af konventionerne om farligt gods.

ADR / Se Tabel A, sektion 3.2.1 for eventuelle oplysninger om særlige forhold, krav og advarsler i forbindelse med transport. Se Skriftlige Anvisninger, sektion 5.4.3, med henblik på minimering af skader i forbindelse med uheld eller ulykker under transport.

IMDG / Se sektion 3.2.1 for eventuelle oplysninger om særlige forhold, krav og advarsler i forbindelse med transport.

IATA / Se Tabel 4.2, for eventuelle oplysninger om særlige forhold, krav og advarsler i forbindelse med transport.

**14.6. Særlige forsigtighedsregler for brugeren**

Ikke relevant.

**14.7. Bulktransport til søs i henhold til IMO-instrumenter**

Ingen data tilgængelige.

**PUNKT 15: OPLYSNINGER OM REGULERING**

**15.1. Særlige bestemmelser/særlig lovgivning for stoffet eller blandingen med hensyn til sikkerhed, sundhed og miljø**

*Anvendelsesbegrænsninger:*

Udelukkende til erhvervsmæssig brug.

Produktet må ikke anvendes erhvervsmæssigt af unge under 18 år. Se Arbejdstilsynets bekendtgørelse nr. 1049 af 30. maj 2021 om unges arbejde for evt. undtagelser.

*Krav om særlig uddannelse:*

Ingen særlige krav.

*SEVESO - Farekategorier / Navngivne farlige stoffer:*

Ikke relevant.

*REACH, Bilag XVII:*

Jævnfør punkt 40 er isopropylalkohol omfattet af restriktioner.

Jævnfør punkt 40 er ethanol;ethylalkohol omfattet af restriktioner.

*Indholdsmærkning jævnfør detergentforordning (EF) nr. 648/2004:*

< 5%

- Anioniske overfladeaktive stoffer
- Nonioniske overfladeaktive stoffer
- Parfume
- Konserveringsmiddel (PHENOXYETHANOL)

*Andet:*

Ikke relevant.

*Kilder:*

Arbejdstilsynets bekendtgørelse nr. 1049 af 30. maj 2021 om unges arbejde. Baseret på Rådets direktiv 94/33/EF af 22. juni 1994 om beskyttelse af unge på arbejdspladsen.

Gravides og ammendes arbejdsmiljø (At-vejledning A.1.8-6, opdateret 2024).

Europa-Parlamentets og Rådets forordning nr. 648/2004 af 31. marts 2004 om vaske- og rengøringsmidler.

Kommissionens Forordning (EU) nr. 1357/2014 af 18. december 2014 om affald.

Europa-Parlamentets og Rådets forordning (EF) nr. 1272/2008 af 16. december 2008 om klassificering, mærkning og emballering af stoffer og blandinger (CLP).

Europa-Parlamentets og Rådets forordning (EF) nr. 1907/2006 af 18. december 2006 om registrering, vurdering og godkendelse af samt begrænsninger for kemikalier (REACH).

## 15.2. Kemikaliesikkerhedsvurdering

Nej

## PUNKT 16: ANDRE OPLYSNINGER

### Den fulde ordlyd af H-sætninger omtalt i punkt 3

H225, Meget brandfarlig væske og damp.

H302, Farlig ved indtagelse.

H318, Forårsager alvorlig øjenskade.

H319, Forårsager alvorlig øjenirritation.

H335, Kan forårsage irritation af luftvejene.

H336, Kan forårsage sløvhed eller svimmelhed.

### Forkortelser og initialord

ADN = Europæiske Bestemmelser vedrørende International Transport af Farligt Gods ad Indre Vandveje

ADR = Europæisk Konvention om International Transport af Farligt Gods ad Vej

ATE = Vurdering af Akut Toksicitet

BCF = Biokoncentrationsfaktor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (den europæiske konformitetskomite)

CLP = Lovgivning om Klassificering, Mærkning og Emballering af stoffer og blandinger [Europaparlamentets og Rådets Forordning (EF) Nr. 1272/2008]

CSA = Kemikaliesikkerhedsvurderinger

CSR = Kemikaliesikkerhedsrapport

DNEL = Derived-No-Effect-Level

EINECS = Europæisk Fortegnelse over Eksisterende Markedsførte Kemiske Stoffer

ES = Eksponeringsscenario

EUH sætning = CLP-specificeret faresætning  
EuPCS = Det europæiske produktkategoriseringsystem  
EWC = Europæisk Affaldskatalog  
FN = Forenede Nationer  
GHS = Globalt harmoniseret system til klassificering og mærkning af kemikalier  
GWP = Potentiale for global opvarmning  
IARC = Internationale agentur for kræftforskning  
IATA = International Air Transport Association  
IMDG = Den Internationale Kode for Søtransport af Farligt Gods  
LogPow = Logaritme af oktanol/vand-fordelingskoefficienten  
MARPOL = Den Internationale Konvention om Forebyggelse af Forurening Fra Skibe, 1973 som modificeret ved Protokollen af 1978.  
OECD = Organisationen for Økonomisk Samarbejde og Udvikling  
PBT = Persistent, Bioakkumulerende og Toksisk  
PNEC = Predicted-No-Effect-Concentration  
RID = Lovgivningen om International Transport af Farligt Gods på Bane  
RRN = REACH Registreringsnummer  
SCL = Specifik koncentrationsgrænse.  
STOT-RE = Specifik Målorganstoksicitet — Gentagen Eksponering  
STOT-SE = Specifik Målorganstoksicitet — Enkelt Eksponering  
SVHC = Substances of Very High Concern  
TWA = Tidsvægtet gennemsnit  
VOC = Flygtige Organiske Bestanddele  
vPvB = Meget Persistent og Meget Bioakkumulerende

**Anden information**

Ikke relevant.

**Sikkerhedsdatabladet er valideret af**

Quality & Compliance

**Andet**

Ændringer i forhold til sidste væsentlige revision (første ciffer i SDS Version, se punkt 1) af dette sikkerhedsdatablad er markeret med en blå trekant.

Oplysningerne i dette sikkerhedsdatablad gælder kun produktet nævnt i punkt 1 og er ikke nødvendigvis gældende ved brug sammen med andre produkter.

Det anbefales at udlevere dette sikkerhedsdatablad til den faktiske bruger af produktet. Den nævnte information kan ikke bruges som produktspecifikation.

Land-sprog: DK-da

## OHUTUSKAART

# i.26 kitchen polish (Alu-Air)

## 1. JAGU. AINE/SEGU NING ÄRIÜHINGU/ETTEVÕTJA IDENTIFITSEERIMINE

### 1.1. Tootetähis

*Nimetus:*

i.26 kitchen polish (Alu-Air)

*Unikaalse koostise identifitseerija (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Aine või segu asjaomased kindlaksmääratud kasutusalaad ning kasutusalaad, mida ei soovitata

*Kemikaali või segu asjakohased määratud kasutuseesmärgid:*

Detergendid ja puhastusvahendid (sh lahustipõhised)  
Üksnes kutsealaseks kasutamiseks.

*Kasutusalaad, mida ei soovitata:*

Keegi pole tuttav.

### 1.3. Andmed ohutuskaardi tarnija kohta

*Ettevõtte ja aadress:*

**Hygeniq B.V.**

Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*Muudetud:*

26.05.2025

*Ohutuskaardi versioon::*

1.0

### 1.4. Hädaabitelefoni number

Häirekeskus: 112

Mürgistuskeskuse infotelefon 16662 Eesti piires töötab 24/7 ja on kõigile helistajatele tasuta. ja (+372) 7943 794 välismaalt helistamiseks.

Kaitsemeetmeid vt jaotisest „Esmabimeetmed“.

## 2. JAGU. OHTUDE IDENTIFITSEERIMINE

Klassifitseeritud vastavalt määrusele (EÜ) nr 1272/2008 (CLP).

### 2.1. Aine või segu klassifitseerimine

Aerosol 3; H229, Mahuti on rõhu all: kuumenemisel võib lõhkeda.

### 2.2. Märgistuselemendid

*Ohupiktogrammidest:*

Ei kohaldu.

**Tunnussõna:**

Hoiatus

**Ohulause:**

Mahuti on rõhu all: kuumenemisel võib lõhkeda. (H229)

**Hoiatuslaused:**

**Üldised:**

-

**Ohtu ennetavad:**

Hoida eemal soojusallikast, kuumadest pindadest, sädemetest, leekidest ja muudest süüteallikatest. Mitte suitsetada. (P210)

Mitte purustada ega põletada isegi pärast kasutamist. (P251)

**Reageerimise kohta:**

-

**Säilitamise kohta:**

Hoida päikesevalguse eest. Mitte hoida temperatuuril üle 50 °C/122 °F. (P410+P412)

**Kõrvaldamise kohta:**

-

**Sisaldab:**

Ei sisalda teavitamiskohustusega koostisaineid

**Muu märgistus:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Koostise märgistamine vastavalt detergentide määrusele 648/2004:**

< 5%

- Anioonsed pindaktiivsed ained
- Mitteioonsed pindaktiivsed ained
- Lõhnaained
- Säilitusainena (PHENOXYETHANOL)

### 2.3. Muud ohud

**Muu:**

See segu/toode ei sisalda aineid, mis vastavad kategooriasse PBT ja/või vPvB liigitamiseks nõutavatele tingimustele.

See toode ei sisalda aineid, mida käsitatakse vastavalt komisjoni delegeeritud määruses (EL) 2017/2100 või komisjoni määruses (EL) 2023/707 sätestatud kriteeriumidele endokriinseid häireid põhjustavate ainetena.

## 3. JAGU. KOOSTIS/TEAVE KOOSTISAINETE KOHTA

### 3.1. Ained

Ei rakendu. See toode on kokku segatud.

### 3.2. Segud

Toode/koostisosa	Identifitseerijad	% w/w	Klassifikatsioon	Märksed
isopropüülalkohol	CASi nr: 67-63-0 EÜ nr: 200-661-7 REACH: Indeksir: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Etanool;Etüülalkohol	CASi nr: 64-17-5 EÜ nr: 200-578-6 REACH: Indeksir: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

2-fenoksüetanool	CASi nr: 122-99-6 EÜ nr: 204-589-7 REACH: 01-2119488943-21 Indeksir: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	
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H-lausete täielikku teksti vaadakejaotisest 16. Kokkupuute piirväärtused on loetletud jaotisest 8, kui need on kättesaadavad.

#### Muu info

-

## 4. JAGU. ESMAABIMEETMED

### 4.1. Esmaabimeetmete kirjeldus

#### Üldinfo:

Õnnetuse korral pöörduda arsti või erakorralise meditsiini osakonna poolening - näidata toote etiketti või kemikaali ohutuskaarti. Selline lause lähtetekstis puudub.

Pöörduda arsti poole, kui kannatanu seisukorra osas on kahtlusi või kui sümptomid püsivad. Mitte kunagi ei tohi anda teadvuseta inimesele vett või muud vedelikku.

#### Sissehingamisel:

Hingamisraskuste või hingamisteede ärrituse korral: Viia kannatanu värske õhu kätte ja jääda tema juurde.

#### Kokkupuutel nahaga:

Võtta ära saastunud rõivad ja jalanõud. Nahaga kokkupuute korral pesta rohke vee ja seebiga. Kasutada võib nahapuhastusvahendeid. MITTE KASUTADA orgaanilisi lahusteid või vedeldajaid.

#### Silma sattumisel:

SILMA SATTUMISE KORRAL: Loputada veega (20-30 °C) vähemalt 5 minuti jooksul ja pöörduda arsti poole. Võtta ära kontaktläätsed.

#### Allaneelamisel:

Kui inimene on teadvusel, loputage suud veega ja olge inimese juures. Teadvuse kaotamisel: pöörduda kohe arsti poole ja võtta kaasa käesolev kemikaali ohutuskaart või toote etikett. Mitte kutsuda esile oksendamist, välja arvatud juhul, kui seda soovitab arst. Asetada kannatanu pea asendisse, mis väldib maosisu tagasivalgumist suhu ja kurku.

#### Põletus:

Ei kohaldu.

### 4.2. Olulisemad akuutsed ja hilisemad sümptomid ning mõju

Keegi pole tuttav.

### 4.3. Märge igasuguse vältimatu meditsiiniabi ja eriravi vajalikkuse kohta

Raviga sümptomaatiliselt.

#### Info meditsiinitöötajatele

Võtta kaasa käesolev ohutuskaart või kemikaali etikett.

## 5. JAGU. TULEKUSTUTUSMEETMED

### 5.1. Tulekustutusvahendid

Ei kohaldu.

### 5.2. Aine või seguga seotud erilised ohud

Mahuti on rõhu all. Tulekahju või kuumutamise korral rõhk suureneb ja mahuti või lõhkeda.

Tulekahju korral tekib tihe suits. Pikemaajaline kokkupuude laguproduktidega võib ohustada tervist. Tulekahju mõjualas olevaid suletud mahuteid tuleb jahutada veega. Tule kustutamiseks kasutatud vett ei tohi lasta kanalisatsiooni ega ümbruse pinnavette.

Kui toodet mõjutab kõrge temperatuur, näiteks tulekahju puhul, moodustuvad ohtlikud lagusaadused. Need on:  
süsinikoksiidid (CO/CO<sub>2</sub>)  
Mõned metalloksiidid

### 5.3. Nõuanded tuletõrjajatele

Kokkupuute vältimiseks kanda suruõhuhingamisaparaati ja kaitseriietust. Otsekontakti korral pöörduda nõu saamiseks riikliku mürgistuskeskuse poole.

## 6. JAGU. MEETMED JUHUSLIKU SATTUMISE KORRAL KESKKONDA

### 6.1. Isikukaitsemeetmed, kaitsevahendid ja toimimine hädaolukorras

Tagage piisav ventilatsioon, eriti suletud kohtades.  
Saastunud alad võivad olla libedad.

### 6.2. Keskkonnakaitse meetmed

Vältige järvedesse, vooluveekogudesse ja kanalisatsiooni pääsemist.  
Hoidke volitamata isikud leketest eemal

### 6.3. Tõkestamis- ning puhastamismeetodid ja -vahendid

Sulgege ja koguge mahasattunud aine mittesüttiva, absorbeeriva materjaliga, nt liiv, muld, vermikuliit või kobediatomiit, ja pange utiliseerimismahutisse vastavalt kohalikele määrustele.  
Võimalusel puhastada tavapäraste puhastusvahenditega. Vältida lahusteid.

### 6.4. Viited muudele jagudele

Jäätmekäitlust vt jaotisest 13 „Jäätmekäitlus“.  
Kaitsemeetmeid vt jaotisest 8 „Kokkupuute ohjamine / isikukaitse“.

## 7. JAGU. KÄITLEMINE JA LADUSTAMINE

### 7.1. Ohutu käitlemise tagamiseks vajalikud ettevaatusabinõud

Mitte purustada ega põletada isegi pärast kasutamist.  
Suitsetamine, söömine, joomine ja tubaka, toiduainete ja jookide hoidmine ruumis on keelatud.  
Infot isikukaitsevahendite kohta vt jaotisest „Kokkupuute ohjamine / isikukaitse“.

### 7.2. Ohutu ladustamise tingimused, sealhulgas sobimatud ladustamistingimused

Säilitada tihedalt suletud mahutites ning kaitstuna niiskuse ja valguse eest. Mahutid tuleb avamisel märgistada kuupäevaga ning neid tuleb korrapäraselt kontrollida peroksiidide sisaldumise suhtes. Säilitusaja piire ei tohi ületada.  
Avatud mahutid tuleb hoolikalt uuesti sulgeda ja neid leketete vältimiseks püstises asendis hoida.

*Pakendi sobivusega seotud nõuded:*

Hoida üksnes originaalpakendis.

*Säilitustingimused:*

Kuiv, jahe, hea ventilatsiooniga

*Kokkusobimatud materjalid:*

Tugevad happed, tugevad alused, tugevalt oksüdeerivad ained ja tugevalt redutseerivad ained.

### 7.3. Erikasutus

Seda toodet tohib kasutada ainult jaotises 1.2 kirjeldatud eesmärkidel.

## 8. JAGU. KOKKUPUUTE OHJAMINE/ISIKUKAITSE

### 8.1. Kontrolliparameetrid

Aluminium oxide  
Piirnorm (8-tunnise) (mg/m<sup>3</sup>): 10 (kogu tolmu) / 4 (peentolmu)  
Märkused:  
1 = Peentolmu on kogu tolmu kopsu jõudev osa (PM 2,5).

isopropüülalkohol

Piirnorm (8-tunnise) (mg/m<sup>3</sup>): 350

Piirnorm (8-tunnise) (ppm): 150  
Lühiajaline kokkupuute piirmäär (15-minutilise) (ppm): 250  
Lühiajaline kokkupuute piirmäär (15-minutilise) (mg/m<sup>3</sup>): 600

Etanool;Etüülalkohol  
Piirnorm (8-tunnise) (mg/m<sup>3</sup>): 1000  
Piirnorm (8-tunnise) (ppm): 500  
Lühiajaline kokkupuute piirmäär (15-minutilise) (ppm): 1000  
Lühiajaline kokkupuute piirmäär (15-minutilise) (mg/m<sup>3</sup>): 1900

Vabariigi Valitsuse 20. märtsi 2001. a määrus nr 105 „Töökeskonna keemiliste ohutegurite piirnormid“.

## DNEL

### 2-fenoksüetanool

Periood:	Suund:	DNEL:
Pikaajaline - süsteemne toime	Nahakaudne	10,42 mg/kg
Pikaajaline - süsteemne toime - töötajad	Nahakaudne	34,72 mg/kg/päeva
Pikaajaline - süsteemne toime - üldine rahvastik	Nahakaudne	20,83 mg/kg
Pikaajaline - kohalik toime - töötajad	Sissehingamine	5,7 mg/m <sup>3</sup>
Pikaajaline - süsteemne toime	Sissehingamine	2,41 mg/m <sup>3</sup>
Pikaajaline - süsteemne toime - töötajad	Sissehingamine	5,7 mg/m <sup>3</sup>
Pikaajaline - süsteemne toime - töötajad	Sissehingamine	8,07 mg/m <sup>3</sup>
Pikaajaline	Suukaudne	9,23 mg/kg

### Etanool;Etüülalkohol

Periood:	Suund:	DNEL:
Pikaajaline - süsteemne toime - töötajad	Nahakaudne	343 mg/kg/päeva
Pikaajaline - süsteemne toime - üldine rahvastik	Nahakaudne	206 mg/kg/päeva
Lühiajaline - kohalik toime - töötajad	Sissehingamine	1900 mg/m <sup>3</sup>
Lühiajaline - kohalik toime - üldine rahvastik	Sissehingamine	950 mg/m <sup>3</sup>
Pikaajaline - süsteemne toime - töötajad	Sissehingamine	380 mg/m <sup>3</sup>
Pikaajaline - süsteemne toime - üldine rahvastik	Sissehingamine	114 mg/m <sup>3</sup>
Pikaajaline - süsteemne toime - üldine rahvastik	Suukaudne	87 mg/kg/päeva

### isopropüülalkohol

Periood:	Suund:	DNEL:
Pikaajaline - süsteemne toime - töötajad	Nahakaudne	888 mg/m <sup>3</sup>
Pikaajaline - süsteemne toime - üldine rahvastik	Nahakaudne	319 mg/kg
Pikaajaline - süsteemne toime - töötajad	Sissehingamine	500 mg/m <sup>3</sup>
Pikaajaline - süsteemne toime - üldine rahvastik	Sissehingamine	89 mg/m <sup>3</sup>
Pikaajaline - süsteemne toime - üldine rahvastik	Sissehingamine	89 mg/m <sup>3</sup>
Pikaajaline - süsteemne toime - üldine rahvastik	Suukaudne	26 mg/kg

## PNEC

### 2-fenoksüetanool

Suund:	Kokkupuute aeg:	PNEC:
Magevee setted		7,2366 mg/kg
Magevesi		0,943 mg/L
Merevee setted		0,7237 mg/kg

Merevesi		0.0943 mg/L
Pinnas		1,26 mg/kg
Reoveepuhasti		24,8 mg/L
Reoveepuhasti	Ühekordne	36 mg/L

#### Etanool;Etüülalkohol

Suund:	Kokkupuute aeg:	PNEC:
Magevee setted		3.6 mg/kg
Magevesi		960 µg/L
Merevee setted		2.9 mg/kg
Merevesi		790 µg/L
Pinnas		630 µg/kg
Reoveepuhasti		580 mg/L
Röövloomade		380-720 mg/kg
Vahelduv vabastamine (magevesi)		2.75 mg/L

#### isopropüülalkohol

Suund:	Kokkupuute aeg:	PNEC:
Magevee setted		552 mg/kg
Magevesi		140,9 mg/L
Merevee setted		552 mg/kg
Merevesi		140,9 mg/L
Pinnas		28 mg/kg
Reoveepuhasti		2251 mg/L
Vahelduv vabastamine		140,9 mg/L

## 8.2. Kokkupuute ohjamine

Regulaarselt tuleb kontrollida vastavust kutsealase kokkupuute piirväärtustele.

#### Üldised soovitused:

Suitsetamine, söömine, joomine ja tubaka, toiduainete ja jookide hoidmine ruumis on keelatud.

#### Kokkupuute stsenaariumid:

Selle toote jaoks ei ole koostatud kokkupuute stsenaariume.

#### Kokkupuute piirväärtused:

Professionaalsetel kasutajatel tuleb järgida töökeskkonda puudutavaid eeskirju kutsealase kokkupuute maksimaalsete piirväärtuste kohta. Töötervishoiu piirväärtusi vaadata eelnevast tekstist.

#### Insenertehnilised meetmed:

Aurude moodustumine peab olema minimaalne ja allpool praeguseid piirväärtusi (vt eespool). Kui tavaline õhuvool tööruumis ei ole piisav, on soovitatav paigaldada kohalik väljalaskesüsteem. Veenduge, et hädaolukorra silmapesu kohad ja -dušid oleksid selgelt märgistatud.

Rakendage toote kasutamise ajal standardseid ettevaatusabinõusid. Vältige aurude sissehingamist.

#### Hügieenimeetmed:

Toote kasutamise vaheaegadel ja töö lõppedes tuleb kõiki tootega kokku puutunud kehaosi põhjalikult pesta. Pöörake erilist tähelepanu kätele, käsivartele ja näole.

#### Kokkupuute ohjamine keskkonnas:

Erinõuded puuduvad.

## Isiklikud kaitsemeetmed, nagu isikukaitsevahendid

#### Üldteave:

Kasutada ainult CE-märgistusega kaitsevahendeid.

#### Hingamisteede kaitse:

Tüüp	Klass	Värvus	Standardid
Eesmärgipärasel kasutamisel eritingimused puuduvad.			

**Naha kaitse:**

Soovitav	Tüüp/Kategooria	Standardid
Eesmärgipärasel kasutamisel eritingimused puuduvad	-	-

**Käte kaitse:**

Tööolukord	Materjal	Minimaalne kihi paksus (mm)	Läbimisaeg (min.)	Standardid
	Eesmärgipärasel kasutamisel eritingimused puuduvad	-	-	-
Pikaajalise kokkupuute või kõrgete kontsentratsioonide korral	Nitriilkummi	-	> 240	EN374-2, EN16523-1, EN388



**Silmade kaitse:**

Tüüp	Standardid
Eesmärgipärasel kasutamisel eritingimused puuduvad.	-

## 9. JAGU. FÜÜSIKALISED JA KEEMILISED OMADUSED

### 9.1. Teave üldiste füüsiliste ja keemiliste omaduste kohta

**Olek:**

Vedelik

**Värvus:**

Valge

**Lõhn/lõhnalävi (ppm):**

Parfüümi

**pH:**

ca. 9

**Tihedus (g/cm<sup>3</sup>):**

1,06 (20 °C)

**Kinemaatiline viskoossus:**

Andmed puuduvad.

**Dünaamiline viskoossus:**

ca 1000 mPa.s (20 °C)

**Osakeste omadused:**

Ei kohaldata vedelike suhtes.

### Oleku muutused

**Sulamis-/külmumispunkt (°C):**

Andmed puuduvad.

*Pehmenemispunkti/pehmenemistemperatuuri vahemiku (°C):*

Ei kohaldata vedelike suhtes.

*Keemispunkt (°C):*

Andmed puuduvad.

*Aururõhk:*

Andmed puuduvad.

*Auru suhteline tihedus :*

Andmed puuduvad.

*Lagunemistemperatuur (°C):*

Andmed puuduvad.

### **Teave tule- ja plahvatusohu kohta**

*Leekpunkt (°C):*

Andmed puuduvad.

*Süttivus (°C):*

Andmed puuduvad.

*Isesüttimistemperatuur (°C):*

Andmed puuduvad.

*Plahvatuspiir (% v/v):*

Andmed puuduvad.

### **Lahustuvus**

*Lahustuvus vees:*

Andmed puuduvad.

*Jaotustegur n-oktanool/vesi (LogKow):*

Andmed puuduvad.

*Lahustuvus rasvas (g/L):*

Andmed puuduvad.

### **9.2. Muu teave**

*Muud füüsikalised ja keemilised parameetrid:*

Andmed puuduvad.

*Oksüdeerivad omadused:*

Andmed puuduvad.

## **10. JAGU. PÜSIVUS JA REAKTSIOONIVÕIME**

### **10.1. Reaktsioonivõime**

Andmed puuduvad.

### **10.2. Keemiline stabiilsus**

Toode on stabiilne tingimustes, mida on kirjeldatud jaotises 7 „Käitlemine ja ladustamine“.

### **10.3. Ohtlike reaktsioonide võimalikkus**

Keegi pole tuttav.

### **10.4. Tingimused, mida tuleb vältida**

Keegi pole tuttav.

### **10.5. Kokkusobimatud materjalid**

Tugevad happed, tugevad alused, tugevalt oksüdeerivad ained ja tugevalt redutseerivad ained.

### **10.6. Ohtlikud lagusaadused**

Tavapärastes hoiustamise ja kasutamise tingimustes ei tohiks ohtlikke lagunemissaadusi tekkida.

## **11. JAGU. TEAVE TOKSILISUSE KOHTA**

### 11.1. Teave ohuklasside kohta, nagu see on määratletud määruses (EÜ) nr 1272/2008

#### Akuutne mürgisus

Toode/koostisosa Aluminium oxide  
Art: Rott  
Suund: Sissehingamine  
Katse: LC50  
Tulemus: > 5 mg/L

Toode/koostisosa Aluminium oxide  
Art: Rott  
Suund: Suukaudne  
Tulemus: > 5000 mg/kg

Toode/koostisosa isopropüülalkohol  
Art: Rott  
Suund: Suukaudne  
Katse: LD50  
Tulemus: >2000 mg/kg

Toode/koostisosa isopropüülalkohol  
Art: Küülik  
Suund: Nahakaudne  
Katse: LD50  
Tulemus: >2000 mg/kg

Toode/koostisosa isopropüülalkohol  
Art: Rott  
Suund: Sissehingamine  
Katse: LC50  
Tulemus: >20

Toode/koostisosa isopropüülalkohol  
Suund: Suukaudne  
Katse: LD50  
Tulemus: 5849 mg/kg

Toode/koostisosa isopropüülalkohol  
Art: Rott  
Suund: Suukaudne  
Katse: LD50  
Tulemus: 5840 mg/kg

Toode/koostisosa isopropüülalkohol  
Art: Küülik  
Suund: Nahakaudne  
Katse: LD50  
Tulemus: 12800 mg/kg

Toode/koostisosa isopropüülalkohol  
Suund: Sissehingamine  
Katse: LC50  
Tulemus: 301002 mg/L

Toode/koostisosa 2-fenoksüetanool  
Art: Rott  
Suund: Suukaudne  
Katse: LD50  
Tulemus: 1840 mg/kg

Toode/koostisosa 2-fenoksüetanool

Art: Küülik  
Suund: Nahakaudne  
Tulemus: >5000 mg/kg

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

#### Nahka söövitav/ärritav

Toode/koostisosa isopropüülalkohol  
Katsemeetod: OECD 404  
Art: Küülik  
Periood: 4 hours

Toode/koostisosa 2-fenoksüetanool  
Tulemus: Tähdeldati kahjulikke toimeid (Söövitav)

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

#### Rasket silmade kahjustust/ärritust põhjustav

Toode/koostisosa Aluminium oxide

Toode/koostisosa isopropüülalkohol  
Art: Küülik  
Tulemus: Tähdeldati kahjulikke toimeid (Ärritav)

Toode/koostisosa isopropüülalkohol  
Katsemeetod: OECD 405  
Art: Küülik  
Tulemus: Tähdeldati kahjulikke toimeid (Põhjustab raskeid silmakahjustusi)

Toode/koostisosa 2-fenoksüetanool  
Tulemus: Tähdeldati kahjulikke toimeid (Põhjustab raskeid silmakahjustusi)

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

#### Hingamiselundite sensibiliseerimine

Toode/koostisosa isopropüülalkohol  
Katsemeetod: OECD 406  
Art: Merisiga  
Tulemus: Kahjulikke toimeid ei täheldatud (mitte sensibiliseeriv)

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

#### Naha sensibiliseerimine

Toode/koostisosa isopropüülalkohol  
Art: Merisiga  
Tulemus: Kahjulikke toimeid ei täheldatud (mitte sensibiliseeriv)

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

#### Mutageensus sugurakkudele

Toode/koostisosa isopropüülalkohol  
Järeldus: Kahjulikke toimeid ei täheldatud

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

#### Kantserogeensus

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

#### Reproduktiivtoksilisus

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

#### Sihtorgani suhtes toksilised: ühekordne kokkupuude

Toode/koostisosa isopropüülalkohol  
Suund: Suukaudne

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

#### Sihtorgani suhtes toksilised: korduv kokkupuude

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

### Hingamiskahjustus

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

### 11.2. Teave muude ohtude kohta

#### Pikaajaline toime

Keegi pole tuttav.

#### Endokriinseid häireid põhjustavad omadused

See segu/toode ei sisalda aineid, millele oleks hormonaalseid häireid põhjustavaid mõjusid tervisele.

#### Muu teave

isopropüülalkohol: Aine on IARC poolt klassifitseeritud gruppi 3.

## 12. JAGU. ÖKOLOOGILINE TEAVE

### 12.1. Toksilisus

Toode/koostisosa	isopropüülalkohol
Art:	Kala, Goudwinde ( <i>Leuciscus idus</i> )
Periood:	48 tunni
Katse:	LC50
Tulemus:	>100 mg/L

Toode/koostisosa	isopropüülalkohol
Art:	Koorikloom, <i>Daphnia magna</i>
Periood:	48 tunni
Katse:	EC50
Tulemus:	>100 mg/L

Toode/koostisosa	isopropüülalkohol
Art:	Vetikad, <i>Scenedesmus subspicatus</i>
Periood:	72 tunni
Katse:	EC50
Tulemus:	>100 mg/L

Toode/koostisosa	2-fenoksüetanool
Art:	Kala
Periood:	96 tunni
Katse:	LC50
Tulemus:	>100 mg/L

Toode/koostisosa	2-fenoksüetanool
Art:	Vetikad
Periood:	72 tunni
Katse:	ErC50
Tulemus:	>100 mg/L

Toode/koostisosa	2-fenoksüetanool
Art:	<i>Daphnia magna</i>
Periood:	48 tunni
Katse:	EC50
Tulemus:	>100 mg/L

Toode/koostisosa	2-fenoksüetanool
Art:	Kala
Katse:	NOEC
Tulemus:	23 mg/L

Toode/koostisosa	2-fenoksüetanool
Art:	Andere waterorganismen
Periood:	30 minutes
Katse:	EC50

Tulemus: >1000 mg/L

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

### 12.2. Püsivus ja lagunduvus

Toode/koostisosa isopropüülalkohol  
Tulemus: 95%  
Järelendus: Kergesti biolagundatav  
Katse: OECD 301 E

Toode/koostisosa 2-fenoksüetanool  
Tulemus: >70  
Järelendus: Kergesti biolagundatav  
Katse: OECD 301 A

### 12.3. Bioakumulatsioon

Toode/koostisosa isopropüülalkohol  
BCF: <100  
LogKow: <3  
Järelendus: -

Toode/koostisosa 2-fenoksüetanool  
BCF: 0.349  
LogKow: 1.2  
Järelendus: -

### 12.4. Liikuvus pinnases

Andmed puuduvad.

### 12.5. Püsivate, bioakumuleeruvate ja toksiliste ning väga püsivate ja väga bioakumuleeruvate omaduste hindamine

See segu/toode ei sisalda aineid, mis vastavad kategooriasse PBT ja/või vPvB liigitamiseks nõutavatele tingimustele.

### 12.6. Endokriinseid häireid põhjustavad omadused

See toode/segu ei sisalda aineid, millel oleks endokriinseid häireid põhjustavaid mõjusid keskkonnale.

### 12.7. Muud kahjulikud mõjud

Keegi pole tuttav.

## 13. JAGU. JÄÄTMEKÄITLUS

### 13.1. Jäätmetöötlusmeetodid

Ei kuulu ohtlike jäätmete hulka.

Komisjoni määrus (EL) nr 1357/2014, 18. detsember 2014, millega asendatakse Euroopa Parlamendi ja Nõukogu direktiivi 2008/98/EÜ (mis käsitleb jäätmeid ja millega tunnistatakse kehtetuks teatud direktiivid) III lisa.

EWC kood:

20 01 30 Pesuained, mida ei ole nimetatud koodinumbriga 20 01 29

### Saastunud pakendimaterjal

Saastunud pakendid tuleb hävitada samamoodi nagu toode ise.

## 14. JAGU. VEONÕUDED

	14.1 ÜRO	14.2 ÜRO veose tunnusnimetus	14.3 Transpordi ohuklass(id)	14.4 PG*	14.5. Env**	Muu info:
ADR	1950	AEROSOLS	Klass: 2 Ohumärgised: 2.2 Klassifikatsioonikood: 5A	-	Ei	Piiratud kogused: 1 L Veokategooria: 3 (E)

	14.1 ÜRO	14.2 ÜRO veose tunnusnimetus	14.3 Transpordi ohuklass(id)	14.4 PG*	14.5. Env**	Muu info:
						Lisateabe saamiseks vt allpool.
IMDG	1950	AEROSOLS	Klass: 2 Ohumärgised: 2.2 Klassifikatsioonikood: 5A	-	Ei	Piiratud kogused: 1 L EmS: F-D S-U Lisateabe saamiseks vt allpool.
IATA	1950	AEROSOLS	Klass: 2 Ohumärgised: 2.2 Klassifikatsioonikood: 5A	-	Ei	Lisateabe saamiseks vt allpool.

\* Pakendigrupp

\*\* Keskkonnaohud

#### Muu teave

See toode kuulub ohtlike kaupade transportimise määruste reguleerimisalasse.

ADR / Vt tabelit A, punkti 3.2.1 teabe saamiseks transpordiga seotud erisätete, nõuete ja hoiatuste kohta. Vt punkti 5.4.3 kirjalike juhiste saamiseks transpordi ajal toimunud juhtumite või õnnetustega seotud kahjude leevendamiseks.

IMDG / Vt punkti 3.2.1 teabe saamiseks transpordiga seotud erisätete, nõuete ja hoiatuste kohta.

IATA / Vt tabelit 4.2, teabe saamiseks transpordiga seotud erisätete, nõuete ja hoiatuste kohta.

#### 14.6. Eriettevaatusabinõud kasutajatele

Ei kohaldu.

#### 14.7. Mahtlasti merevedu kooskõlas Rahvusvahelise Mereorganisatsiooni dokumentidega

Andmed puuduvad.

## 15. JAGU. REGULEERIVAD ÕIGUSAKTID

### 15.1. Ainete ja segude suhtes kohaldatavad ohutus-, tervise- ja keskkonnavalased eeskirjad/õigusaktid

*Piirangud kasutamisel:*

Üksnes kutsealaseks kasutamiseks.

*Nõuded eriväljaõppele:*

Erinõuded puuduvad.

*SEVESO Ohukategooriad / nimetatud ohtlikud ained:*

Ei kohaldu.

*REACH, Lisa XVII:*

isopropüülalkohol. Keemilisele ainele kehtivad REACH piirangud (Kanne nr 40).

Etanool;Etüülalkohol. Keemilisele ainele kehtivad REACH piirangud (Kanne nr 40).

*Koostise märgistamine vastavalt detergentide määrusele 648/2004:*

< 5%

- Anioonsed pindaktiivsed ained
- Mitteioonsed pindaktiivsed ained
- Lõhnaained
- Säilitusainena (PHENOXYETHANOL)

*Muu teave:*

Ei kohaldu.

*Allikas:*

Töötervishoiu ja tööohutuse nõuded rasedate ja rinnaga toitvate naiste tööks RT I 2009, 31, 197 muudetud järgmise akt RT I 26.03.2015, 5.

Euroopa Parlamendi ja Nõukogu määrus (EÜ) nr 648/2004, 31. märts 2004, detergentide kohta.

Komisjoni määrus (EL) nr 1357/2014, 18. detsember 2014, millega asendatakse Euroopa Parlamendi ja Nõukogu direktiivi 2008/98/EÜ (mis käsitleb jäätmeid ja millega tunnistatakse kehtetuks teatud direktiivid) III lisa. Euroopa Parlamendi ja Nõukogu määrus (EÜ) nr 1272/2008, 16. detsember 2008, mis käsitleb ainete ja segude klassifitseerimist, märgistamist ja pakendamist (CLP). Euroopa Parlamendi ja nõukogu määrus (EÜ) nr 1907/2006, 18. detsember 2006, mis käsitleb kemikaalide registreerimist, hindamist, autoriseerimist ja piiramist (REACH).

#### 15.2. Kemikaaliohutuse hindamine

Ei

## 16. JAGU. MUU TEAVE

#### Jaotises 3 esitatud H-lausetekst

H225, Väga tuleohtlik vedelik ja aur.  
H302, Allaneelamisel kahjulik.  
H318, Põhjustab raskeid silmakahjustusi.  
H319, Põhjustab tugevat silmade ärritust.  
H335, Võib põhjustada hingamisteede ärritust.  
H336, Võib põhjustada unisust või peapööritust.

#### Lühendid ja akronüümid

ADN = Ohtlike veoste rahvusvahelise siseveetede Euroopa kokkulepe  
ADR = Ohtlike veoste rahvusvahelise autoveo Euroopa kokkulepe Ägeda toksilisuse hinnang  
BCF = Biokontsentratsiooni faktor  
CAS = Chemical Abstracts' teenistus  
CE = Conformité Européenne  
CLP = Klassifitseerimise, märgistamise ja pakendamise määrus [EÜ määrus nr 1272/2008]  
CSA = Kemikaalide ohutuse hindamine  
CSR = Kemikaalide ohutusaruanne  
DNEL = Tuletatud mittetoimiv tase  
EJK = Euroopa jäätmekataloog  
EUH-lause = CLP eriohulause  
EuPCS = Euroopa toodete kategoriseerimise süsteem  
GHS = Kemikaalide klassifitseerimise ja märgistamise globaalne harmoneeritud süsteem  
GWP = Globaalse soojenemise potentsiaal  
IATA = Rahvusvaheliste Õhuvadude Assotsiatsioon  
IBC = hulgikauba vahekonteiner  
IMDG = Rahvusvaheline ohtlike kaupade mereveo koodeks/eeskiri  
LogP o/w Oktanool/vesi jaotuskoefitsiendi logaritm  
LOÜ = Lenduvad orgaanilised ühendid  
MARPOL 73/78 = 1973.a Rahvusvaheline konventsioon merereostuse vältimiseks laevadel muudetud 1978.a protokolliga. ("Marpol" - merereostus)  
OECD = Majanduskoostöö ja Arengu Organisatsioon  
PBT = Püsivad, bioakumuleeruvad ja mürgised Arvutuslik mittetoimiv sisaldus  
RID = Ohtlike veoste rahvusvahelise raudteeveo kokkulepe  
SCL = On konkreetse sisalduse piirnormiga.  
SVHS = Väga ohtlikud ained  
STOT-RE = Mürgistus siseelundi suhtes - korduv kokkupuude  
STOT-SE = Mürgistus siseelundi suhtes - ühekordne kokkupuude  
TWA = Ajas kaalutud keskmine  
UVCB = Tundmatu või muutuva koostisega ained, kompleksed reaktsioonisaadused või bioloogilist päritolu materjalid.  
ÜRO = Ühinenud Rahvaste Organisatsioon  
vPvB = Väga püsivad ja väga bioakumuleeruvad

#### Muu teave

Ei kohaldu.

#### Ohutuskaardi on kinnitanud

Quality & Compliance

#### Muu



Vastab määrusele (EÜ) nr 1907/2006 (REACH), lisa II, mida muudeti määrusega (EL) nr 2020/878 - Eesti

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Muudatus (võrreldes viimase olulise muudatusega (kemikaali ohutuskaardi versiooni esimene number, vt jaotist 1) on tähistatud kolmnurgaga.

Sellel kemikaali ohutuskaardil sisalduv info kehtib ainult selle spetsiifilise toote kohta (nimetatud jaotises 1) ja ega pruugi tingimata kehtida teiste kemikaalide või toodete puhul.

Soovitav on anda see kemikaali ohutuskaart üle toote tegelikule kasutajale. Sellel kemikaali ohutuskaardil sisalduvat informatsiooni ei tohi kasutada toote spetsifikatsioonina.

Riik-keel: EE-et

## FICHA DE DATOS DE SEGURIDAD

# i.26 kitchen polish (Alu-Air)

## SECCIÓN 1. IDENTIFICACIÓN DE LA SUSTANCIA O LA MEZCLA Y DE LA SOCIEDAD O LA EMPRESA

### 1.1. Identificador de producto

*Nombre comercial:*

i.26 kitchen polish (Alu-Air)

*Identificador único de fórmula (IUF):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Usos pertinentes identificados de la sustancia o de la mezcla y usos desaconsejados

*Usos pertinentes identificados de la sustancia o de la mezcla:*

Agentes de lavado y limpieza (incluso a base de disolventes)  
Reservado exclusivamente a usuarios profesionales.

*Usos desaconsejados :*

Ningunos conocidos.

### 1.3. Datos del proveedor de la ficha de datos de seguridad

*Nombre y dirección de la empresa:*

**Hygeniq B.V.**

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

*Correo electrónico:*

info@hygeniq.com

*Revisión:*

26/5/2025

*Versión FDS:*

1.0

### 1.4. Teléfono de emergencia

Servicio de Información Toxicológica

Teléfono: +34 91 562 04 20

Información en español (24h/365 días)

Consulte la sección 4 para obtener información sobre primeros auxilios.

## SECCIÓN 2. IDENTIFICACIÓN DE LOS PELIGROS

Clasificado según el Reglamento (CE) Nro. 1272/2008 (CLP).

### 2.1. Clasificación de la sustancia o de la mezcla

Aerosol 3; H229, Recipiente a presión: Puede reventar si se calienta.

### 2.2. Elementos de la etiqueta

*Pictogramas de peligro:*

No aplicable.

*Palabra de advertencia:*  
Atención

*Indicaciones de peligro:*  
Recipiente a presión: Puede reventar si se calienta. (H229)

*Consejos de prudencia:*

*Generalidades:*

-

*Prevención:*

Mantener alejado del calor, de superficies calientes, de chispas, de llamas abiertas y de cualquier otra fuente de ignición. No fumar. (P210)

No perforar ni quemar, incluso después de su uso. (P251)

*Intervención:*

-

*Almacenamiento:*

Proteger de la luz del sol. No exponer a temperaturas superiores a 50 °C/122°F. (P410+P412)

*Eliminación:*

-

*Identificación de las sustancias principalmente responsables de los riesgos graves para la salud:*  
No contiene sustancias que haga falta notificar

*Etiquetado adicional:*

IUF: 8YFR-ND5E-MUMG-2XW1

*Etiquetado del contenido según el Reglamento de Detergentes 648/2004:*

< 5%

- Tensioactivos aniónicos
- Tensioactivos no iónicos
- Perfumes
- Conservantes (PHENOXYETHANOL)

### 2.3. Otros peligros

*Advertencias adicionales:*

No se considera que esta combinación/producto contenga sustancias que cumplan los criterios de clasificación como PBT y/o mPmB.

Este producto no contiene ninguna sustancia considerada disruptor endocrino de acuerdo con los criterios establecidos en el Reglamento Delegado (UE) 2017/2100 de la Comisión o el Reglamento (UE) 2023/707 de la Comisión.

## SECCIÓN 3. COMPOSICIÓN/INFORMACIÓN SOBRE LOS COMPONENTES

### 3.1. Sustancias

No aplicable. Este producto es una mezcla.

### 3.2. Mezclas

Producto / ingrediente	Identificadores	% w/w	Clasificación	Notas
alcohol isopropílico	Nº CAS: 67-63-0 Nº CE: 200-661-7 REACH: Nº de índice: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
etanol; alcohol etílico	Nº CAS: 64-17-5 Nº CE: 200-578-6 REACH: Nº de índice: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

2-fenoxietanol	N° CAS: 122-99-6 N° CE: 204-589-7 REACH: 01-2119488943-21 N° de índice: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	
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La redacción completa de las frases H se encuentra en la sección 16. Los límites de las condiciones laborales correctas se mencionan en la sección 8, siempre y cuando sean accesibles.

#### Otra información

-

## SECCIÓN 4. PRIMEROS AUXILIOS

### 4.1. Descripción de los primeros auxilios

#### General:

En caso de accidente: Póngase en contacto con el médico o vaya a emergencias. Llévase la etiqueta o esta hoja de datos de seguridad. El médico deberá ponerse en contacto con el Servicio de información Toxicológica, Teléfono: +34 91 562 04 20.

Si los síntomas son permanentes o si tiene alguna duda sobre la situación del accidentado, consulte a un médico. Nunca dé agua ni nada parecido a una persona inconsciente.

#### Inhalación:

En caso de dificultades respiratorias o irritación del tracto respiratorio: Lleve a la persona a un lugar en el que pueda respirar aire fresco y no la deje sin supervisión.

#### Contacto con la piel:

Retire enseguida la ropa y calzado contaminado. Lave bien con agua y jabón la piel que haya estado en contacto con el material. Puede utilizar productos de higiene cutánea. NO utilice disolventes ni diluyentes.

#### Contacto con los ojos:

En caso de contacto con los ojos: Y enjuague con agua (20-30 °C) durante al menos 5 minutos. Quítese las lentes de contacto. Consulte a un médico.

#### Ingestión:

Si la persona está consciente, enjuáguele la boca con agua y quédese con ella. Si se encontrara mal, póngase en contacto con el médico y lleve esta hoja de datos de seguridad o la etiqueta del producto. No provoque el vómito a no ser que el médico lo recomiende. Coloque la cabeza hacia abajo de modo que si vomita, no se trague el vómito.

#### Quemadura:

No aplicable.

### 4.2. Principales síntomas y efectos, agudos y retardados

Ningunos conocidos.

### 4.3. Indicación de toda atención médica y de los tratamientos especiales que deban dispensarse inmediatamente

Tratar sintomáticamente.

#### Explicación para el médico

Lleve esta hoja de datos de seguridad o la etiqueta del material.

## SECCIÓN 5. MEDIDAS DE LUCHA CONTRA INCENDIOS

### 5.1. Medios de extinción

No aplicable.

### 5.2. Peligros específicos derivados de la sustancia o la mezcla

Recipiente a presión. En caso de incendio o calentamiento, se producirá un aumento de presión y el recipiente estallará.

En caso de incendio se genera un humo denso. La exposición a productos en descomposición puede representar un

peligro para la salud. Los contenedores cerrados expuestos al fuego deben enfriarse con agua. No deje que el agua utilizada para apagar el fuego se vierta en la alcantarillado ni cursos de agua.

Si el producto queda expuesto a altas temperaturas, por ejemplo en caso de incendio, pueden generarse productos en descomposición peligrosos. En concreto:

Óxidos de carbono (CO / CO<sub>2</sub>)

Algunos óxidos metálicos

### 5.3. Recomendaciones para el personal de lucha contra incendios

Indumentaria normal de extinción y protección respiratoria total. En caso de contacto directo con la sustancia química el jefe de equipo deberá ponerse en contacto con el Servicio de Información Toxicológica, Teléfono: +34 91 562 04 20 para recibir instrucciones.

## SECCIÓN 6. MEDIDAS EN CASO DE VERTIDO ACCIDENTAL

### 6.1. Precauciones personales, equipo de protección y procedimientos de emergencia

Asegure una ventilación adecuada, especialmente en áreas confinadas.

Las áreas contaminadas pueden ser resbaladizas.

### 6.2. Precauciones relativas al medio ambiente

Evite los vertidos en lagos, ríos, alcantarillas y demás.

Mantenga a las personas no autorizadas alejadas del derrame.

### 6.3. Métodos y material de contención y de limpieza

Contenga y recoja los derrames con material absorbente no combustible, por ejemplo: arena, tierra, vermiculita o tierra de diatomeas y colocar en un recipiente para su eliminación de acuerdo con las normas locales.

Siempre que sea posible, efectúe la limpieza con detergentes. Evite utilizar disolventes.

### 6.4. Referencia a otras secciones

Consulte la sección 13 "Consideraciones relativas a la eliminación" sobre el manejo de desechos.

Consulte la sección 8 "Controles de exposición/protección individual" para conocer las disposiciones de seguridad.

## SECCIÓN 7. MANIPULACIÓN Y ALMACENAMIENTO

### 7.1. Precauciones para una manipulación segura

No perforar ni quemar, incluso después de su uso.

No está permitido fumar, comer ni beber en el lugar de trabajo.

Consulte la sección "Controles de exposición/protección individual" para conocer las disposiciones de seguridad personal.

### 7.2. Condiciones de almacenamiento seguro, incluidas posibles incompatibilidades

Almacenar en recipientes bien cerrados y protegido de la humedad y la luz. Los envases deben estar fechados cuando se abren y sometidos a pruebas periódicas para detectar la presencia de peróxidos. No exceder los límites de tiempo de almacenamiento.

Los envases abiertos deben cerrarse perfectamente con cuidado y mantenerse en posición vertical para evitar derrames.

*Compatibilidades de embalaje:*

Conservar únicamente en el embalaje original.

*Condiciones de almacenaje:*

Conservar en lugar fresco, seco y bien ventilado

*Materiales incompatibles:*

Ácidos fuertes, alcalinos fuertes, oxidantes fuertes y agentes reductores fuertes.

### 7.3. Usos específicos finales

Este producto sólo debe utilizarse para los fines descritos en la sección 1.2.

## SECCIÓN 8. CONTROLES DE EXPOSICIÓN/PROTECCIÓN INDIVIDUAL

### 8.1. Parámetros de control

**Aluminium oxide**

Valor límite ambiental-exposición diaria (8 horas) (VLA-ED) (mg/m<sup>3</sup>): 10

**alcohol isopropílico**

Valor límite ambiental-exposición diaria (8 horas) (VLA-ED) (ppm): 200

Valor límite ambiental-exposición diaria (8 horas) (VLA-ED) (mg/m<sup>3</sup>): 500

Valor límite ambiental-exposición de corta duración (15 minutos) (VLA-EC) (ppm): 400

Valor límite ambiental-exposición de corta duración (15 minutos) (VLA-EC) (mg/m<sup>3</sup>): 1000

Notas:

VLB® = Agente químico que tiene Valor Límite Biológico específico en este documento.

**etanol;alcohol etílico**

Valor límite ambiental-exposición de corta duración (15 minutos) (VLA-EC) (ppm): 1000

Valor límite ambiental-exposición de corta duración (15 minutos) (VLA-EC) (mg/m<sup>3</sup>): 1910

Notas:

s = Esta sustancia tiene prohibida total o parcialmente su comercialización y uso como fitosanitario y/o como biocida.

Límites de exposición profesional para agentes químicos en España. 2024

**DNEL**

**2-fenoxietanol**

Duración:	Vía de exposición:	DNEL:
Largo plazo - efectos sistémicos	Dérmico	10,42 mg/kg
Largo plazo - efectos sistémicos- trabajadores	Dérmico	34.72 mg/kg/día
Largo plazo -efectos sistémicos- población general	Dérmico	20,83 mg/kg
Largo plazo - efectos locales- trabajadores	Inhalación	5,7 mg/m <sup>3</sup>
Largo plazo - efectos sistémicos	Inhalación	2,41 mg/m <sup>3</sup>
Largo plazo - efectos sistémicos- trabajadores	Inhalación	5,7 mg/m <sup>3</sup>
Largo plazo - efectos sistémicos- trabajadores	Inhalación	8.07 mg/m <sup>3</sup>
Largo plazo	Oral	9,23 mg/kg

**alcohol isopropílico**

Duración:	Vía de exposición:	DNEL:
Largo plazo - efectos sistémicos- trabajadores	Dérmico	888 mg/m <sup>3</sup>
Largo plazo -efectos sistémicos- población general	Dérmico	319 mg/kg
Largo plazo - efectos sistémicos- trabajadores	Inhalación	500 mg/m <sup>3</sup>
Largo plazo -efectos sistémicos- población general	Inhalación	89 mg/m <sup>3</sup>
Largo plazo -efectos sistémicos- población general	Inhalación	89 mg/m <sup>3</sup>
Largo plazo -efectos sistémicos- población general	Oral	26 mg/kg

**etanol;alcohol etílico**

Duración:	Vía de exposición:	DNEL:
Largo plazo - efectos sistémicos- trabajadores	Dérmico	343 mg/kg/día
Largo plazo -efectos sistémicos- población general	Dérmico	206 mg/kg/día
Corto plazo - efectos locales- Trabajadores	Inhalación	1900 mg/m <sup>3</sup>
Corto plazo- efectos locales - población en	Inhalación	950 mg/m <sup>3</sup>
Largo plazo - efectos sistémicos- trabajadores	Inhalación	380 mg/m <sup>3</sup>
Largo plazo -efectos sistémicos- población general	Inhalación	114 mg/m <sup>3</sup>
Largo plazo -efectos sistémicos- población general	Oral	87 mg/kg/día

**PNEC**

#### 2-fenoxietanol

Vía de exposición:	Tiempo de exposición:	PNEC:
Agua dulce		0,943 mg/L
Agua marina		0.0943 mg/L
Depuradora de aguas residuales		24,8 mg/L
Depuradora de aguas residuales	Sola	36 mg/L
Sedimento de agua dulce		7.2366 mg/kg
Sedimento de agua marina		0,7237 mg/kg
Tierra		1,26 mg/kg

#### alcohol isopropílico

Vía de exposición:	Tiempo de exposición:	PNEC:
Agua dulce		140,9 mg/L
Agua marina		140,9 mg/L
Depuradora de aguas residuales		2251 mg/L
Liberación intermitente		140,9 mg/L
Sedimento de agua dulce		552 mg/kg
Sedimento de agua marina		552 mg/kg
Tierra		28 mg/kg

#### etanol;alcohol etílico

Vía de exposición:	Tiempo de exposición:	PNEC:
Agua dulce		960 µg/L
Agua marina		790 µg/L
Depredadores		380-720 mg/kg
Depuradora de aguas residuales		580 mg/L
Liberación intermitente (agua dulce)		2.75 mg/L
Sedimento de agua dulce		3.6 mg/kg
Sedimento de agua marina		2.9 mg/kg
Tierra		630 µg/kg

## 8.2. Controles de la exposición

Compruebe regularmente que no se superan los valores límite indicados.

#### Medidas de precaución generales:

No está permitido fumar, comer ni beber en el lugar de trabajo.

#### Escenarios de exposición:

No hay escenarios de exposición implementados para este producto.

#### Límites de exposición:

Los usuarios profesionales quedan cubiertos a las normas de la legislación medioambiental relativa a máximas concentraciones de exposición. Consulte los límites laborales a arriba.

#### Iniciativa técnica:

La formación de vapor se debe mantener al mínimo y por debajo de los valores del límite de corriente (ver arriba). Se recomienda instalar un sistema de extracción local si el flujo de aire normal en la sala de trabajo no es suficiente. Asegúrese de que los limpiadores de ojos y las duchas de emergencia estén claramente indicadas. Tome precauciones estándar durante el uso de este producto. Evite la inhalación de vapores.

#### Disposiciones higiénicas:

En cada pausa del uso del producto y al finalizar el trabajo limpie las zonas del cuerpo expuestas. Preste especial atención a las manos, los antebrazos y la cara.

#### Disposiciones para limitar la exposición del entorno:

No tiene requisitos específicos.

### Medidas de protección individual, tales como equipos de protección personal

*General:*

Solamente utilizar equipos de protección con la marca CE.

*Conducto respiratorio:*

Tipo	Clase	Color	Normas	
No se requiere ninguna en especial en condiciones normales de uso.				

*Piel y cuerpo:*

Recomendado	Tipo/Categoría	Normas	
No se requiere ninguna en especial en condiciones normales de uso.	-	-	

*Manos:*

La situación de trabajo	Material	Espesura mínima de capa (mm)	Tiempo de penetración (min.)	Normas	
	No se requiere ninguna en especial en condiciones normales de uso	-	-	-	
En caso de exposición prolongada o de altas concentraciones	Algodón / Caucho de nitrilo	-	> 240	EN374-2, EN16523-1, EN388	

*Ojos:*

Tipo	Normas	
No se requiere ninguna en especial en condiciones normales de uso.	-	

## SECCIÓN 9. PROPIEDADES FÍSICAS Y QUÍMICAS

### 9.1. Información sobre propiedades físicas y químicas básicas

*Condición física:*

Líquido

*Color:*

Blanco

*Olor / Umbral olfativo (ppm):*

de perfume

*pH:*

ca. 9

*Densidad (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Viscosidad cinemática:*

No se dispone de datos.

*Viscosidad dinámica:*  
ca 1000 mPa.s (20 °C)

*Características de las partículas:*  
No se aplica a los líquidos.

#### **Cambio de estado y vapores**

*Punto de fusión/punto de congelación (°C):*  
No se dispone de datos.

*El punto o intervalo/reblandecimiento (°C):*  
No se aplica a los líquidos.

*Punto de ebullición (°C):*  
No se dispone de datos.

*Presión del vapor:*  
No se dispone de datos.

*Densidad de vapor relativa:*  
No se dispone de datos.

*Temperatura de descomposición (°C):*  
No se dispone de datos.

#### **Datos de riesgo de incendio y explosión**

*Punto de ignición (°C):*  
No se dispone de datos.

*Inflamabilidad (°C):*  
No se dispone de datos.

*Temperatura de auto-inflamación (°C):*  
No se dispone de datos.

*Límites de explosión (% v/v):*  
No se dispone de datos.

#### **Solubilidad**

*Solubilidad en agua:*  
No se dispone de datos.

*coeficiente n-octanol/agua (LogKow):*  
No se dispone de datos.

*Solubilidad en grasa (g/L):*  
No se dispone de datos.

#### **9.2. Otros datos**

*Otros parámetros físicos y químicos:*  
No se dispone de datos.

*Propiedades oxidantes:*  
No se dispone de datos.

## **SECCIÓN 10. ESTABILIDAD Y REACTIVIDAD**

### **10.1. Reactividad**

No se dispone de datos.

### **10.2. Estabilidad química**

El producto es estable bajo las condiciones indicadas en la sección 7 "Manipulación y almacenamiento".

### **10.3. Posibilidad de reacciones peligrosas**

Ningunos conocidos.

### **10.4. Condiciones que deben evitarse**

Ningunos conocidos.

### 10.5. Materiales incompatibles

Ácidos fuertes, alcalinos fuertes, oxidantes fuertes y agentes reductores fuertes.

### 10.6. Productos de descomposición peligrosos

En condiciones normales de almacenamiento y uso, no se deben formar productos de descomposición peligrosos.

## SECCIÓN 11. INFORMACIÓN TOXICOLÓGICA

### 11.1. Información sobre las clases de peligro definidas en el Reglamento (CE) n.º 1272/2008

#### Toxicidad aguda

Producto / ingrediente	Aluminium oxide
Especies:	Rata
Vía de exposición:	Inhalación
Prueba:	CL50
Resultado:	> 5 mg/L

Producto / ingrediente	Aluminium oxide
Especies:	Rata
Vía de exposición:	Oral
Resultado:	> 5000 mg/kg

Producto / ingrediente	alcohol isopropílico
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	>2000 mg/kg

Producto / ingrediente	alcohol isopropílico
Especies:	Conejo
Vía de exposición:	Dérmico
Prueba:	DL50
Resultado:	>2000 mg/kg

Producto / ingrediente	alcohol isopropílico
Especies:	Rata
Vía de exposición:	Inhalación
Prueba:	CL50
Resultado:	>20

Producto / ingrediente	alcohol isopropílico
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	5849 mg/kg

Producto / ingrediente	alcohol isopropílico
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	5840 mg/kg

Producto / ingrediente	alcohol isopropílico
Especies:	Conejo
Vía de exposición:	Dérmico
Prueba:	DL50
Resultado:	12800 mg/kg

Producto / ingrediente	alcohol isopropílico
Vía de exposición:	Inhalación
Prueba:	CL50

Resultado: 301002 mg/L

Producto / ingrediente 2-fenoxietanol  
Especies: Rata  
Vía de exposición: Oral  
Prueba: DL50  
Resultado: 1840 mg/kg

Producto / ingrediente 2-fenoxietanol  
Especies: Conejo  
Vía de exposición: Dérmico  
Resultado: >5000 mg/kg

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### Corrosión o irritación cutáneas

Producto / ingrediente alcohol isopropílico  
Método de ensayo: OCDE 404  
Especies: Conejo  
Duración: 4 hours

Producto / ingrediente 2-fenoxietanol  
Resultado: Se observan efectos adversos (Corrosivo)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### Lesiones o irritación ocular graves

Producto / ingrediente Aluminium oxide

Producto / ingrediente alcohol isopropílico  
Especies: Conejo  
Resultado: Se observan efectos adversos (Irritante)

Producto / ingrediente alcohol isopropílico  
Método de ensayo: OCDE 405  
Especies: Conejo  
Resultado: Se observan efectos adversos (Provoca lesiones oculares graves)

Producto / ingrediente 2-fenoxietanol  
Resultado: Se observan efectos adversos (Provoca lesiones oculares graves)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### Sensibilización respiratoria

Producto / ingrediente alcohol isopropílico  
Método de ensayo: OCDE 406  
Especies: Cobayo  
Resultado: No se observan efectos adversos (no sensibilizantes)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### Sensibilización cutánea

Producto / ingrediente alcohol isopropílico  
Especies: Cobayo  
Resultado: No se observan efectos adversos (no sensibilizantes)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### Mutagenicidad en células germinales

Producto / ingrediente alcohol isopropílico  
Conclusión: No se observan efectos adversos

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

#### Carcinogenicidad

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

### Toxicidad para la reproducción

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

### Toxicidad específica en determinados órganos (STOT) – exposición única

Producto / ingrediente alcohol isopropílico  
Vía de exposición: Oral

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

### Toxicidad específica en determinados órganos (STOT) – exposición repetida

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

### Peligro de aspiración

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

## 11.2. Información sobre otros peligros

### Efectos a largo plazo

Ningunos conocidos.

### Propiedades de alteración endocrina

Esta mezcla/este producto no contiene ninguna sustancia que se considere que tenga efectos disruptores sobre el sistema endocrino en relación con la salud.

### Otros datos

alcohol isopropílico ha sido clasificado por IARC como grupo 3.

## SECCIÓN 12. INFORMACIÓN ECOLÓGICA

### 12.1. Toxicidad

Producto / ingrediente alcohol isopropílico  
Especies: Pez, Goudwinde (Leuciscus idus)  
Duración: 48 horas  
Prueba: CL50  
Resultado: >100 mg/L

Producto / ingrediente alcohol isopropílico  
Especies: Crustáceo, Daphnia magna  
Duración: 48 horas  
Prueba: CE50  
Resultado: >100 mg/L

Producto / ingrediente alcohol isopropílico  
Especies: Alga, Scenedesmus subspicatus  
Duración: 72 horas  
Prueba: CE50  
Resultado: >100 mg/L

Producto / ingrediente 2-fenoxietanol  
Especies: Pez  
Duración: 96 horas  
Prueba: CL50  
Resultado: >100 mg/L

Producto / ingrediente 2-fenoxietanol  
Especies: Alga  
Duración: 72 horas  
Prueba: ErC50  
Resultado: >100 mg/L

Producto / ingrediente 2-fenoxietanol  
Especies: Daphnia magna  
Duración: 48 horas  
Prueba: CE50

Resultado: >100 mg/L

Producto / ingrediente 2-fenoxietanol  
Especies: Pez  
Prueba: NOEC  
Resultado: 23 mg/L

Producto / ingrediente 2-fenoxietanol  
Especies: Andere waterorganismen  
Duración: 30 minutos  
Prueba: CE50  
Resultado: >1000 mg/L

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

### 12.2. Persistencia y degradabilidad

Producto / ingrediente alcohol isopropílico  
Resultado: 95%  
Conclusión: Fácil biodegradabilidad  
Prueba: OCDE 301 E

Producto / ingrediente 2-fenoxietanol  
Resultado: >70  
Conclusión: Fácil biodegradabilidad  
Prueba: OCDE 301 A

### 12.3. Potencial de bioacumulación

Producto / ingrediente alcohol isopropílico  
BCF: <100  
LogKow: <3  
Conclusión: -

Producto / ingrediente 2-fenoxietanol  
BCF: 0,349  
LogKow: 1.2  
Conclusión: -

### 12.4. Movilidad en el suelo

No se dispone de datos.

### 12.5. Resultados de la valoración PBT y mPmB

No se considera que esta combinación/producto contenga sustancias que cumplan los criterios de clasificación como PBT y/o mPmB.

### 12.6. Propiedades de alteración endocrina

Esta mezcla/este producto no contiene ninguna sustancia que se considere que tenga efectos disruptores sobre el sistema endocrino en relación con el medio ambiente.

### 12.7. Otros efectos adversos

Ningunos conocidos.

## SECCIÓN 13. CONSIDERACIONES RELATIVAS A LA ELIMINACIÓN

### 13.1. Métodos para el tratamiento de residuos

El producto no está bajo las normas de residuos peligrosos.

Reglamento (UE) nº 1357/2014 de la Comisión de 18 de diciembre de 2014 sobre los residuos.

Ley 22/2011, de 28 de julio, de Residuos y suelos contaminados.

Ley 11/1997, de 24 de abril, de envases y residuos de envases y Reglamento que la desarrolla, R.D. 782/1998, de 30 de abril.

Orden MAM 304/2002, de 8 de febrero, por la que se publican las operaciones de valorización y eliminación de residuos y la lista europea de residuos.

*Código de residuos:*

20 01 30 Detergentes distintos de los especificados en el código 20 01 29

**Contenedor contaminado**

Los embalajes con restos del producto deben eliminarse siguiendo el mismo procedimiento que el resto del producto.

## SECCIÓN 14. INFORMACIÓN RELATIVA AL TRANSPORTE

	14.1 ONU	14.2 Designación oficial de transporte	14.3 Clase(s) de peligro	14.4 PG*	14.5. Env**	Otra información :
ADR	1950	AEROSOLS	Clase: 2 Etiquetas: 2.2 Código de clasificación: 5A	-	No	Cantidades limitadas: 1 L Código de restricción en túneles: 3 (E) Véase a continuación para obtener información adicional
IMDG	1950	AEROSOLS	Clase: 2 Etiquetas: 2.2 Código de clasificación: 5A	-	No	Cantidades limitadas: 1 L EmS: F-D S-U Véase a continuación para obtener información adicional
IATA	1950	AEROSOLS	Clase: 2 Etiquetas: 2.2 Código de clasificación: 5A	-	No	Véase a continuación para obtener información adicional

\* Grupo de embalaje

\*\* Peligros para el medio ambiente

**Otros**

El producto está cubierto por las convenciones relativas a productos peligrosos.

ADR / Consultar la tabla A, sección 3.2.1, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte. Consultar la sección 5.4.3 para obtener instrucciones por escrito sobre la mitigación de daños en relación con incidentes o accidentes durante el transporte.

IMGD / Consultar la sección 3.2.1, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte.

IATA / Consultar la tabla 4.2, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte.

**14.6. Precauciones particulares para los usuarios**

No aplicable.

**14.7. Transporte marítimo a granel con arreglo a los instrumentos de la OMI**

No se dispone de datos.

## SECCIÓN 15. INFORMACIÓN REGLAMENTARIA

### 15.1. Reglamentación y legislación en materia de seguridad, salud y medio ambiente específicas para la sustancia o la mezcla

*Limitaciones de uso:*

Reservado exclusivamente a usuarios profesionales.

*Requisitos de formación específica:*

No tiene requisitos específicos.

*SEVESO - Categorías de peligro / Sustancias peligrosas nominadas:*

No aplicable.

*REACH, Anexo XVII:*

alcohol isopropílico está sujeta a las restricciones de REACH (N° entrada 40).  
etanol; alcohol etílico está sujeta a las restricciones de REACH (N° entrada 40).

*Etiquetado del contenido según el Reglamento de Detergentes 648/2004:*

< 5%

- Tensioactivos aniónicos
- Tensioactivos no iónicos
- Perfumes
- Conservantes (PHENOXYETHANOL)

*Otros:*

No aplicable.

*Fuentes:*

Real Decreto 39/1997 sobre Seguridad y Salud de la Trabajadora Embarazada, modificado por Real Decreto 298/2009.  
Reglamento (CE) n° 648/2004 del Parlamento Europeo y del Consejo de 31 de marzo de 2004, sobre detergentes.  
Reglamento (UE) n° 1357/2014 de la Comisión de 18 de diciembre de 2014 sobre los residuos.  
Reglamento (CE) n° 1272/2008 del Parlamento Europeo y del Consejo de 16 de diciembre de 2008 sobre clasificación, etiquetado y envasado de sustancias y mezclas (CLP).  
Reglamento (CE) n° 1907/2006 del Parlamento Europeo y del Consejo, de 18 de diciembre de 2006, relativo al registro, la evaluación, la autorización y la restricción de las sustancias y preparados químicos (REACH).

### 15.2. Evaluación de la seguridad química

No

## SECCIÓN 16. OTRA INFORMACIÓN

### Redacción completa de las frases H descrita en la sección 3

H225, Líquido y vapores muy inflamables.  
H302, Nocivo en caso de ingestión.  
H318, Provoca lesiones oculares graves.  
H319, Provoca irritación ocular grave.  
H335, Puede irritar las vías respiratorias.  
H336, Puede provocar somnolencia o vértigo.

### Abreviaturas y acrónimos

ADN = Acuerdo Europeo Relativo al Transporte Internacional de Mercancías Peligrosas por Vía Navegable Interior  
ADR = Acuerdo Europeo sobre el Transporte Internacional de Mercancías Peligrosas por Carretera  
ETA = Estimación de Toxicidad Aguda  
CAS = Servicio de Resúmenes Químicos  
CE = Conformité Européenne (De Conformidad Europea)  
CLP = Reglamento sobre Clasificación, Etiquetado y Envasado [Reglamento (CE) No 1272/2008]  
CLP CER = Catálogo Europeo de Residuos  
COV = Compuestos Orgánicos Volátiles  
DMEL = Nivel de Efecto Mínimo Derivado  
DNEL = Nivel sin efecto derivado

EINECS = Inventario Europeo de Sustancias Químicas Existentes Comercializadas  
EE = Escenarios de Exposición Indicación  
EUH = Indicación de Peligro específica del  
EuPCS = Sistema Europeo de Clasificación de Productos  
FBC = Factor de Bioconcentración  
IARC = Agência Internacional de Pesquisa em Câncer  
IATA = Asociación de Transporte Aéreo Internacional  
IBC = Contenedor Intermedio para Productos a Granel  
IMDG = Código Marítimo Internacional de Mercancías Peligrosas  
ISQ = Informe sobre la Seguridad Química  
Log Kow = logaritmo del coeficiente de reparto octanol/agua  
MARPOL = Convenio Internacional para Prevenir la Contaminación por los Buques, 1973 con el Protocolo de 1978. ("Marpol" = polución marina)  
mPmB = Muy Persistente y Muy Bioacumulativa  
OCDE = Organización de Cooperación y Desarrollo Económico  
ONU = Organización de las Naciones Unidas  
PBT = Persistente, Bioacumulativo y Tóxico  
PCG = Potencial de calentamiento global  
PNEC = Concentración Prevista Sin Efecto  
RID = Reglamento de Transporte Internacional de Mercancías Peligrosas por Ferrocarril  
RRN = Número de Registro REACH  
SCL = Límite de concentración específico (LCE).  
SEP = Sustancia Extremadamente Preocupante  
SGA = Sistema Globalmente Armonizado de Clasificación y Etiquetado de Productos Químicos  
STOT-RE = Toxicidad Específica en Determinados Órganos - Exposiciones Repetidas  
STOT-SE = Toxicidad Específica en Determinados Órganos - Exposición Única  
UVCB = Significa sustancias de composición desconocida o variable, productos de reacción complejos y materiales biológicos  
VLA-ED = Promedio ponderado por el tiempo  
VSQ = Valoración de la Seguridad Química

**Otros**

No aplicable.

**Ficha de datos de seguridad es validada por**

Quality & Compliance

**Otros**

Las modificaciones en relación a la presente revisión (primera cifra en la Versión FDS, véase sección 1) de esta hoja de datos de seguridad se marcan con un triángulo.

La información que contiene esta hoja de la ficha de datos de seguridad se aplica únicamente al producto indicado en la sección 1 y no tiene por qué ser aplicable si se utiliza con otros productos.

Se recomienda entregar esta hoja de la ficha de datos de seguridad al usuario del producto. La información indicada no se puede utilizar como ficha técnica del producto.

País-idioma: ES-es

## KÄYTTÖTURVALLISUUSTIEDOTE

# i.26 kitchen polish (Alu-Air)

## KOHTA 1: AINEEN TAI SEOKSEN JA YHTIÖN TAI YRITYKSEN TUNNISTETIEDOT

### 1.1. Tuotetunniste

*Kauppanimi:*

i.26 kitchen polish (Alu-Air)

*Ainutkertainen koostumustunniste (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Aineen tai seoksen merkitykselliset tunnistetut käytöt ja käytöt, joita ei suositella

*Aineen tai seoksen merkitykselliset tunnistetut käyttökohteet:*

Pesu- ja puhdistusaineet (myös liuotinpohjaiset)  
Vain ammattikäyttöön.

*Käytöt, joita ei suositella:*

Ei tunneta.

### 1.3. Käyttöturvallisuustiedotteen toimittajan tiedot

*Yrityksen nimi ja osoite:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*Sähköpostiosoite:*

info@hygeniq.com

*Tarkistettu:*

26.5.2025

*KTT:n versio:*

1.0

### 1.4. Häät puhelinnumero

HUS Myrkytystietokeskus 24 h/vrk, puh. 0800 147 111.  
Myrkytystietokeskus/HUS, Tukholmankatu 17, 00029 HUS (Helsinki)  
Ks. ensiaputoimenpiteet kohta 4.

## KOHTA 2: VAARAN YKSILÖINTI

Luokitus asetuksen (EY) nro 1272/2008 (CLP) mukaan.

### 2.1. Aineen tai seoksen luokitus

Aerosol 3; H229, Painesäiliö: Voi revetä kuumennettaessa.

### 2.2. Merkinnät

*Varoitusmerkit:*

Ei sovellettavissa.

*Huomiosana:*

**Varoitus**

**Vaaralausekkeet:**

Painesäiliö: Voi revetä kuumennettaessa. (H229)

**Turvalausekkeet:**

**Yleiset:**

-

**Ennaltaehkäisy:**

Suojaa lämmöltä, kuumilta pinnoilta, kipinöiltä, avotulelta ja muilta sytytyslähteiltä. Tupakointi kielletty. (P210)  
Ei saa puhkaista tai polttaa edes tyhjänä. (P251)

**Pelastustoimenpiteet:**

-

**Varastointi:**

Suojaa auringonvalolta. Ei saa altistaa yli 50 °C/122 °F lämpötiloille. (P410+P412)

**Jätteiden käsittely:**

-

**Vaaralliset aineet:**

Ei sisällä ilmoitusvelvollisuutta koskevia aineita

**Täydentävät tiedot:**

UFI-tunniste: 8YFR-ND5E-MUMG-2XW1

**Sisältöä koskevat merkinnät:**

< 5%

- Anioniset pinta-aktiiviset aineet
- Ionittomat pinta-aktiiviset aineet
- Hajusteet
- Säilöntäaineet (PHENOXYETHANOL)

**2.3. Muut vaarat**

**Muuta:**

Tämä seos/tuote ei sisällä aineita, jotka täyttäsivät PBT- ja/tai vPvB-aineiksi luokiteltavien aineiden kriteerit. Tuote ei sisällä aineita, joilla on tunnistettu olevan hormonitoimintaa häiritseviä ominaisuuksia komission delegoidussa asetuksessa (EU) 2017/2100 tai komission asetuksessa (EU) 2023/707 vahvistettujen kriteerien mukaisesti.

## KOHTA 3: KOOSTUMUS JA TIEDOT AINEOSISTA

**3.1. Aineet**

Ei sovellettavissa. Tämä tuote on seos.

**3.2. Seokset**

Tuote/aineosa	Tunnisteet	Pitoisuus	Luokitus	Huomautukset
isopropyylialkoholi	CAS: 67-63-0 EY: 200-661-7 REACH-rek.nro.: Indeksinro.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Etanoli	CAS: 64-17-5 EY: 200-578-6 REACH-rek.nro.: Indeksinro.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-Fenoksietanoli	CAS: 122-99-6 EY: 204-589-7	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg)	

	REACH-rek.nro.: 01-2119488943-21 Indeksinro.: 603-098-00-9		Eye Dam. 1, H318 STOT SE 3, H335	
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H-lausekkeet annetaan täydessä sanamuodossaan kohdassa 16. Työhygieeniset raja-arvot annetaan kohdassa 8, mikäli ne ovat saatavilla.

#### Muut tiedot

-

## KOHTA 4: ENSIAPUTOIMENPITEET

### 4.1. Ensiaputoimenpiteiden kuvaus

#### *Yleistä:*

Onnettomuustilanne: Ota yhteys lääkäriin tai ensiapuun - ota mukaan etiketti tai tämä käyttöturvallisuustiedote. Jos oireet jatkuvat tai loukkaantuneen tilasta ei ole varmuutta, hakeudu lääkärin hoitoon. Älä koskaan anna tajuttomalle vettä tai muuta juotavaa.

#### *Hengitettynä:*

Hengitysvaikeuksien tai hengitystieärsytyksen ilmetessä: Siirrä henkilö raittiiseen ilmaan ja tarkkaile hänen vointiaan.

#### *Kosketus ihoon:*

Riisu saastuneet vaatteet ja kengät välittömästi. Pese altistunut iho huolellisesti vedellä ja saippualla. Iholle tarkoitettua pesuainetta voidaan käyttää. ÄLÄ KÄYTÄ liuottimia tai ohentimia.

#### *Kosketus silmiin:*

JOS KEMIKAALIA JOUTUU SILMIIN: Huuhtelee heti vedellä (20 - 30 °C) vähintään 5 minuuttia. Hakeudu lääkärin hoitoon. Poista mahdolliset piilolinssit. Jatka huuhtelua kuljetuksen aikana.

#### *Nieltynä:*

Jos henkilö on tajuissaan, huuhtelee suu vedellä ja valvo henkilöä. Älä anna henkilölle juotavaa. Pahoinvointitapauksessa: Ota heti yhteys lääkäriin ja ota mukaan tämä käyttöturvallisuustiedote tai tuotteen etiketti. Älä oksennuta, ellei lääkäri suosittele sitä. Pidä päätä alhaalla, ettei mahdollinen oksennus valu takaisin suuhun tai kurkkuun.

#### *Palovamma:*

Ei sovellettavissa.

### 4.2. Tärkeimmät oireet ja vaikutukset, sekä välittömät että viivästyneet

Ei tunneta.

### 4.3. Mahdollisesti tarvittavaa välitöntä lääketieteellistä apua ja erityishoitoa koskevat ohjeet

Hoida oireiden mukaisesti.

#### Tietoja lääkärille

Ota mukaan tämä käyttöturvallisuustiedote tai tuotteen etiketti.

## KOHTA 5: PALONTORJUNTATOIMENPITEET

### 5.1. Sammutusaineet

Ei sovellettavissa.

### 5.2. Aineesta tai seoksesta johtuvat erityiset vaarat

Painesäiliö. Palossa tai lämmitettäessä paine kasvaa ja säiliö voi räjähtää. Tulipalo muodostaa paksua savua. Altistuminen hajoamistuotteille voi aiheuttaa vaaran terveydelle. Tulelle altistuneet suljetut säiliöt jäädytetään vedellä. Sammutusvesi ei saa valua viemäriverkostoon eikä vesistöön.

Jos tuote altistuu korkeille lämpötiloille esim. tulipalon yhteydessä, se voi muodostaa vaarallisia hajoamistuotteita.

Niitä ovat:

Hiilen oksidit (CO / CO2)

Jotkin metallioksidit

### 5.3. Palontorjuntaa koskevat ohjeet

Normaalit palontorjuntavarusteet ja ulkoilmasta riippumaton hengityksensuojaus. Altistumistilanteissa ota yhteyttä myrkytystietokeskukseen.

## KOHTA 6: TOIMENPITEET ONNETTOMUUSPÄÄSTÖISSÄ

### 6.1. Varotoimenpiteet, henkilönsuojaimet ja menettely hätätilanteessa

Huolehdi asianmukaisesta ilmastoinnista erityisesti ahtaissa tiloissa.  
Saastuneet alueet voivat olla liukkaita

### 6.2. Ympäristöön kohdistuvat varotoimet

Vältä päästöjä järviin, jokiin, viemäriverkoston jne.  
Pidä ulkopuoliset henkilöt poissa vuodon läheltä

### 6.3. Suojarakenteita ja puhdistusta koskevat menetelmät ja -välineet

Käytä palamattomien materiaalien keräämiseen hiekkaa, piimaata tai yleisiä imeytysaineita ja säilö materiaali säiliöön hävittämistä varten, paikallisten määräysten mukaisesti.  
Käytä puhdistamiseen tavallisia puhdistusaineita mahdollisuuksien mukaan. Vältä liuottimien käyttöä.

### 6.4. Viittaukset muihin kohtiin

Katso tietoja jätteen käsittelystä kohdasta 13 "Jätteiden käsittelyyn liittyvät näkökohdat".  
Katso suojaustoimenpiteet kohdasta 8 "Altistumisen ehkäiseminen ja henkilönsuojaimet".

## KOHTA 7: KÄSITTELY JA VARASTOINTI

### 7.1. Turvallisen käsittelyn edellyttämät toimenpiteet

Ei saa puhkaista tai polttaa edes tyhjänä.  
Tupakointi, syöminen ja juominen ei ole sallittua työtiloissa.  
Katso tietoja henkilökohtaisista suojaimista kohdasta 8 "Altistumisen ehkäiseminen ja henkilönsuojaimet".

### 7.2. Turvallisen varastoinnin edellyttämät olosuhteet, mukaan luettuina yhteensopimattomuudet

Säilytä tiiviisti suljetuissa säiliöissä kosteudelta ja valolta suojattuna. Säiliöihin tulee merkitä niiden avaamispäivämäärä ja peroksidien muodostuminen tulee testata säännöllisesti. Älä ylitä sallittuja varastointiaikoja. Avatut säiliöt on suljettava huolellisesti uudelleen ja pidettävä pystysuorassa vuotojen estämiseksi.

*Soveltuvat pakkaustavat:*

Säilytä alkuperäispakkauksessa.

*Varastointiolosuhteet:*

Kuiva, viileä ja hyvin ilmastoitu

*Yhteensopimattomat materiaalit:*

Vahvat hapot, vahvat emäkset, vahvat hapettimet ja vahvat pelkistimet.

### 7.3. Erityinen loppukäyttö

Tätä tuotetta tulee käyttää vain kohdassa 1.2 kuvatulla tavalla.

## KOHTA 8: ALTISTUMISEN EHKÄISEMINEN JA HENKILÖNSUOJAIMET

### 8.1. Valvontaa koskevat muuttujat

isopropyylialkoholi  
HTP-arvot (8 h) (ppm): 200  
HTP-arvot (8 h) (mg/m<sup>3</sup>): 500  
HTP-arvot (15 min) (ppm): 250  
HTP-arvot (15 min) (mg/m<sup>3</sup>): 620

Etanoli

HTP-arvot (8 h) (ppm): 1000  
HTP-arvot (8 h) (mg/m<sup>3</sup>): 1900  
HTP-arvot (15 min) (ppm): 1300  
HTP-arvot (15 min) (mg/m<sup>3</sup>): 2500

2-Fenoksisietanoli  
HTP-arvot (8 h) (ppm): 20  
HTP-arvot (8 h) (mg/m<sup>3</sup>): 110  
HTP-arvot (15 min) (ppm): 50  
HTP-arvot (15 min) (mg/m<sup>3</sup>): 290

Huomautus:

Iho = Imeytyminen ihon kautta on mahdollista.

Sosiaali- ja terveysministeriön asetus haitallisiksi tunnetuista pitoisuuksista (55/2025).

## DNEL

### 2-Fenoksisietanoli

Kesto:	Altistumisreitti:	DNEL:
Pitkäaikainen – paikalliset vaikutukset - työntekijät	Hengitettynä	5,7 mg/m <sup>3</sup>
Pitkäaikainen – Systemaattiset vaikutukset	Hengitettynä	2,41 mg/m <sup>3</sup>
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Hengitettynä	5,7 mg/m <sup>3</sup>
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Hengitettynä	8,07 mg/m <sup>3</sup>
Pitkäaikainen – Systemaattiset vaikutukset	Ihon kautta	10,42 mg/kg
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Ihon kautta	34,72 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Ihon kautta	20,83 mg/kg
Pitkäaikainen	Suun kautta	9,23 mg/kg

### Etanoli

Kesto:	Altistumisreitti:	DNEL:
Lyhytaikainen – paikalliset vaikutukset - työntekijät	Hengitettynä	1900 mg/m <sup>3</sup>
Lyhytaikainen – paikalliset vaikutukset - väestö	Hengitettynä	950 mg/m <sup>3</sup>
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Hengitettynä	380 mg/m <sup>3</sup>
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Hengitettynä	114 mg/m <sup>3</sup>
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Ihon kautta	343 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Ihon kautta	206 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Suun kautta	87 mg/kg/päivä

### isopropyylialkoholi

Kesto:	Altistumisreitti:	DNEL:
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Hengitettynä	500 mg/m <sup>3</sup>
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Hengitettynä	89 mg/m <sup>3</sup>
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Hengitettynä	89 mg/m <sup>3</sup>
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Ihon kautta	888 mg/m <sup>3</sup>
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Ihon kautta	319 mg/kg
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Suun kautta	26 mg/kg

## PNEC

### 2-Fenoksisietanoli

Altistumisreitti:	Altistumisen kesto:	PNEC:
Jäteveden käsittelylaitos		24,8 mg/L
Jäteveden käsittelylaitos	Yksittäinen	36 mg/L
Maa		1,26 mg/kg
Makeanveden sedimentti		7.2366 mg/kg

Makeavesi		0,943 mg/L
Meriveden sedimentti		0,7237 mg/kg
Merivesi		0.0943 mg/L

#### Etanoli

Altistumisreitti:	Altistumisen kesto:	PNEC:
Jaksottainen päästö (makeavesi)		2.75 mg/L
Jäteveden käsittelylaitos		580 mg/L
Maa		630 µg/kg
Makeanveden sedimentti		3.6 mg/kg
Makeavesi		960 µg/L
Meriveden sedimentti		2.9 mg/kg
Merivesi		790 µg/L
Petoeläimet		380-720 mg/kg

#### isopropyylialkoholi

Altistumisreitti:	Altistumisen kesto:	PNEC:
Jaksottainen päästö		140,9 mg/L
Jäteveden käsittelylaitos		2251 mg/L
Maa		28 mg/kg
Makeanveden sedimentti		552 mg/kg
Makeavesi		140,9 mg/L
Meriveden sedimentti		552 mg/kg
Merivesi		140,9 mg/L

## 8.2. Altistumisen ehkäiseminen

Raja-arvojen noudattamista on seurattava säännöllisesti.

#### *Yleiset suositukset:*

Tupakointi, syöminen ja juominen ei ole sallittua työtiloissa.

#### *Altistumisskenaariot:*

Tälle tuotteelle ei ole annettu altistumisskenaarioita.

#### *Työperäisen altistumisen raja-arvot:*

Ammattikäyttäjää koskevat työympäristölainsäädännön säännökset altistumisen enimmäispitoisuuksista. Kts. työhygieeniset raja-arvot edellä.

#### *Asianmukaiset tekniset torjuntatoimenpiteet:*

Höyryn muodostuminen tulee minimoida, ja höyryn pitoisuus tulee pitää nykyisten raja-arvojen alapuolella (kts. edellä). Käytä tarvittaessa kohdepoistoa, mikäli ilmanvaihto työpaikalla ei ole riittävä. Huolehdi siitä, että silmähuuhtelupaikat ja hätäsuihkut on merkitty näkyvästi.

Noudata tavanomaisia varotoimenpiteitä tuotetta käytettäessä. Vältä höyryjen hengittämistä.

#### *Hygienia-toimenpiteet:*

Altistuneet kehon alueet on pestävä aina kun tuotteen käytössä on tauko tai kun työ loppuu. Kiinnitä erityistä huomiota käsiin, käsivarsiin ja kasvoihin

#### *Varoimet ympäristöaltistuksen rajoittamiseksi:*

Ei erityisvaatimuksia.

## Henkilökohtaiset suojaustoimenpiteet, kuten henkilönsuojaimet

#### *Yleistä:*

Käytä vain CE-merkinnällä varustettuja suojavarusteita.

#### *Hengityksensuojaus:*

Tyyppi	Luokka	Väri	Standardit	
Moottoroitu raitisilmalaite				

*Ihon suojaus:*

Suositus	Tyyppi/Kategoria	Standardit	
Ei erityisvaatimuksia normaalissa käytössä.	-	-	

*Käsien suojaus:*

Työolosuhteet	Materiaali	Paksuus (mm)	Läpäisy aika (min.)	Standardit	
	Ei erityisvaatimuksia normaalissa käytössä.	-	-	-	
Pitkäaikaisen altistumisen tai korkeiden pitoisuuksien yhteydessä	Puuvilla / Nitrili	-	> 240	EN374-2, EN16523-1, EN388	

*Silmien ja kasvojen suojaus:*

Tyyppi	Standardit	
Ei erityisvaatimuksia normaalissa käytössä.	-	

## KOHTA 9: FYSIKAALISET JA KEMIAALLISET OMINAISUUDET

### 9.1. Fysikaalisia ja kemiallisia perusominaisuuksia koskevat tiedot

*Olomuoto:*

Nestemäinen

*Väri:*

Valkoinen

*Haju / Hajukynnys (ppm):*

Hajustettu

*pH:*

ca. 9

*Tiheys (g/cm<sup>3</sup>):*

1,06 (20 °C)

*Kinemaattinen viskositeetti:*

Tietoja ei saatavilla.

*Dynaaminen viskositeetti:*

ca 1000 mPa.s (20 °C)

*Hiukkasten ominaisuudet:*

Ei koske nesteitä.

### Tilan muutos ja höyryt

*Sulamis / jäätymispiste (°C):*

Tietoja ei saatavilla.

*Pehmenemispiste tai -alue (°C):*

Ei koske nesteitä.

*Kiehumispiste (°C):*

Tietoja ei saatavilla.

*Höyrynpaine:*

Tietoja ei saatavilla.

*Höyryn suhteellinen tiheys:*

Tietoja ei saatavilla.

*Hajoamislämpötila (°C):*

Tietoja ei saatavilla.

**Palo- ja räjähdysvaara**

*Leimahduspiste (°C):*

Tietoja ei saatavilla.

*Syttyvyys (°C):*

Tietoja ei saatavilla.

*Itsesyttymislämpötila (°C):*

Tietoja ei saatavilla.

*Räjähdyksrajat (% v/v):*

Tietoja ei saatavilla.

**Liukoisuus**

*Vesiliukoisuus:*

Tietoja ei saatavilla.

*Jakautumiskerroin: n-oktanoli/vesi (LogKow):*

Tietoja ei saatavilla.

*Rasvaliukoisuus (g/L):*

Tietoja ei saatavilla.

**9.2. Muut tiedot**

*Muut fysikaaliset ja kemialliset parametrit:*

Tietoja ei saatavilla.

*Hapettavat ominaisuudet:*

Tietoja ei saatavilla.

## KOHTA 10: STABIILISUUS JA REAKTIIVISUUS

**10.1. Reaktiivisuus**

Tietoja ei saatavilla.

**10.2. Kemiallinen stabiilisuus**

Tuote on stabiili olosuhteissa, jotka kerrotaan kohdassa 7 "Käsittely ja varastointi".

**10.3. Vaarallisten reaktioiden mahdollisuus**

Ei tunneta.

**10.4. Vältettävät olosuhteet**

Ei tunneta.

**10.5. Yhteensopimattomat materiaalit**

Vahvat hapot, vahvat emäkset, vahvat hapettimet ja vahvat pelkistimet.

**10.6. Vaaralliset hajoamistuotteet**

Normaalissa säilytyksessä ja käytössä hajoamistuotteita ei pitäisi syntyä.

## KOHTA 11: MYRKYLLISYYTEEN LIITTYVÄT TIEDOT

**11.1. Tiedot asetuksessa (EY) N:o 1272/2008 määritellyistä vaaraluokista**

**Välitön myrkyllisyys**

Tuote/aineosa	isopropyylialkoholi
Laji:	Rotta
Altistumisreitti:	Suun kautta

Täyttää asetuksen (EY) nro 1907/2006 (REACH) ja liitteen II vaatimukset asetuksen (EU) nro 2020/878 mukaisesti muutettuna

Testi: LD50  
Tulos: >2000 mg/kg

Tuote/aineosa isopropyylialkoholi  
Laji: Kani  
Altistumisreitti: Ihon kautta  
Testi: LD50  
Tulos: >2000 mg/kg

Tuote/aineosa isopropyylialkoholi  
Laji: Rotta  
Altistumisreitti: Hengitettynä  
Testi: LC50  
Tulos: >20

Tuote/aineosa isopropyylialkoholi  
Altistumisreitti: Suun kautta  
Testi: LD50  
Tulos: 5849 mg/kg

Tuote/aineosa isopropyylialkoholi  
Laji: Rotta  
Altistumisreitti: Suun kautta  
Testi: LD50  
Tulos: 5840 mg/kg

Tuote/aineosa isopropyylialkoholi  
Laji: Kani  
Altistumisreitti: Ihon kautta  
Testi: LD50  
Tulos: 12800 mg/kg

Tuote/aineosa isopropyylialkoholi  
Altistumisreitti: Hengitettynä  
Testi: LC50  
Tulos: 301002 mg/L

Tuote/aineosa 2-Fenoksietanoli  
Laji: Rotta  
Altistumisreitti: Suun kautta  
Testi: LD50  
Tulos: 1840 mg/kg

Tuote/aineosa 2-Fenoksietanoli  
Laji: Kani  
Altistumisreitti: Ihon kautta  
Tulos: >5000 mg/kg

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

#### **Ihosyövyttävyyssihoärsytys**

Tuote/aineosa isopropyylialkoholi  
Testimenetelmä: OECD 404  
Laji: Kani  
Kesto: 4 hours

Tuote/aineosa 2-Fenoksietanoli  
Tulos: Havaittu haittavaikutuksia (Syövyttävä)

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

#### **Vakava silmävaurio/silmä-ärsytys**

Tuote/aineosa isopropyylialkoholi  
Laji: Kani  
Tulos: Havaittu haittavaikutuksia (Ärsyttävä)

Tuote/aineosa isopropyylialkoholi  
Testimenetelmä: OECD 405  
Laji: Kani  
Tulos: Havaittu haittavaikutuksia (Vaurioittaa vakavasti silmiä)

Tuote/aineosa 2-Fenoksietanoli  
Tulos: Havaittu haittavaikutuksia (Vaurioittaa vakavasti silmiä)

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

#### Hengitysteiden herkistyminen

Tuote/aineosa isopropyylialkoholi  
Testimenetelmä: OECD 406  
Laji: Marsu  
Tulos: Haittavaikutuksia ei havaittu (ei herkistävä)

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

#### Ihon herkistyminen

Tuote/aineosa isopropyylialkoholi  
Laji: Marsu  
Tulos: Haittavaikutuksia ei havaittu (ei herkistävä)

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

#### Sukusolujen perimää vaurioittavat vaikutukset

Tuote/aineosa isopropyylialkoholi  
Johtopäätös: Haittavaikutuksia ei havaittu

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

#### Syöpää aiheuttavat vaikutukset

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

#### Lisääntymiselle vaaralliset vaikutukset

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

#### Elinkeuhmainen myrkyllisyys - kerta-altistuminen

Tuote/aineosa isopropyylialkoholi  
Altistumisreitti: Suun kautta

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

#### Elinkeuhmainen myrkyllisyys - toistuva altistuminen

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

#### Aspiraatiovaara

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

#### 11.2. Tiedot muista vaaroista

##### Pitkäaikaisvaikutukset

Ei tunneta.

##### Hormonitoimintaa häiritsevät ominaisuudet

Tämä seos/tuote ei sisällä aineita, joilla katsotaan olevan hormonitoimintaa häiritseviä ominaisuuksia terveydelle.

##### Muut tiedot

isopropyylialkoholi: IARC on luokitellut aineen ryhmään 3.

## KOHTA 12: TIEDOT VAARALLISUUDESTA YMPÄRISTÖLLE

#### 12.1. Myrkyllisyys

Tuote/aineosa isopropyylialkoholi  
Laji: Kala, Goudwinde (Leuciscus idus)

Kesto: 48 h  
Testi: LC50  
Tulos: >100 mg/L

Tuote/aineosa isopropyylialkoholi  
Laji: Äyriäinen, Daphnia magna  
Kesto: 48 h  
Testi: EC50  
Tulos: >100 mg/L

Tuote/aineosa isopropyylialkoholi  
Laji: Levä, Scenedesmus subspicatus  
Kesto: 72 h  
Testi: EC50  
Tulos: >100 mg/L

Tuote/aineosa 2-Fenoksietanoli  
Laji: Kala  
Kesto: 96 h  
Testi: LC50  
Tulos: >100 mg/L

Tuote/aineosa 2-Fenoksietanoli  
Laji: Levä  
Kesto: 72 h  
Testi: ErC50  
Tulos: >100 mg/L

Tuote/aineosa 2-Fenoksietanoli  
Laji: Daphnia magna  
Kesto: 48 h  
Testi: EC50  
Tulos: >100 mg/L

Tuote/aineosa 2-Fenoksietanoli  
Laji: Kala  
Testi: NOEC  
Tulos: 23 mg/L

Tuote/aineosa 2-Fenoksietanoli  
Laji: Andere waterorganismen  
Kesto: 30 minutes  
Testi: EC50  
Tulos: >1000 mg/L

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

## 12.2. Pysyvyys ja hajoavuus

Tuote/aineosa isopropyylialkoholi  
Tulos: 95%  
Johtopäätös: Nopea biohajoavuus  
Testi: OECD 301 E

Tuote/aineosa 2-Fenoksietanoli  
Tulos: >70  
Johtopäätös: Nopea biohajoavuus  
Testi: OECD 301 A

## 12.3. Biokertyvyys

Tuote/aineosa isopropyylialkoholi  
Biologinen kertymistekijä <100  
LogKow: <3

Johtopäätös: -

Tuote/aineosa 2-Fenoksietanoli  
Biologinen kertymistekijä 0.349  
LogKow: 1.2  
Johtopäätös: -

#### 12.4. Liikkuvuus maaperässä

Tietoja ei saatavilla.

#### 12.5. PBT- ja vPvB-arvioinnin tulokset

Tämä seos/tuote ei sisällä aineita, jotka täyttäsivät PBT- ja/tai vPvB-aineiksi luokiteltavien aineiden kriteerit.

#### 12.6. Hormonitoimintaa häiritsevät ominaisuudet

Tämä seos/tuote ei sisällä aineita, joilla katsotaan olevan hormonitoimintaa häiritseviä ominaisuuksia ympäristössä.

#### 12.7. Muut haitalliset vaikutukset

Ei tunneta.

## KOHTA 13: JÄTTEIDEN KÄSITTELYYN LIITTYVÄT NÄKÖKOHDAT

#### 13.1. Jätteiden käsittelymenetelmät

Tuote ei kuulu vaarallisia jätteitä koskevan lainsäädännön piiriin.

Komission asetus (EU) N:o 1357/2014 jätteistä ja tiettyjen direktiivien kumoamisesta annetun Euroopan parlamentin ja neuvoston direktiivin 2008/98/EY liitteen III korvaamisesta.

*Eurooppalainen jättekoodi:*

20 01 30 Muut kuin nimikkeessä 20 01 29 mainitut pesu- ja puhdistusaineet

#### Saastunut pakkaus

Pakkaukset, joissa on tuotteen jäämiä, hävitetään samojen määräysten mukaan kuin tuote.

## KOHTA 14: KULJETUSTIEDOT

	14.1 YK-nro	14.2 Kuljetuksessa käytettävä virallinen nimi	14.3 Kuljetuksen vaaraluokat	14.4 PG*	14.5 Env**	Muut tiedot:
ADR	1950	AEROSOLS	Luokka: 2 Lipukkeet: 2.2 Luokituskoodi: 5A	-	Ei	Rajoitetut määrät: 1 L Tunnelirajoi- tuskoodi: 3 (E) Katso alhaalta lisätietoja.
IMDG	1950	AEROSOLS	Luokka: 2 Lipukkeet: 2.2 Luokituskoodi: 5A	-	Ei	Rajoitetut määrät: 1 L EmS: F-D S- U Katso alhaalta lisätietoja.
IATA	1950	AEROSOLS	Luokka: 2 Lipukkeet: 2.2 Luokituskoodi: 5A	-	Ei	Katso alhaalta lisätietoja.

\* Pakkausryhmä

**\*\* Ympäristövaarat**

**Muuta**

Tuote kuuluu vaarallisten aineiden kuljetusta koskevan lainsäädännön piiriin.

ADR / Katso taulukosta A, kohdasta 3.2.1 mahdolliset tiedot erityismääräyksistä, vaatimuksista tai varoituksista kuljetukseen liittyen. Katso kohdasta 5.4.3 kirjalliset ohjeet vahinkojen lieventämisestä kuljetuksen aikana sattuneiden tapaturmien tai onnettomuuksien yhteydessä.

IMDG / Katso kohdasta 3.2.1 mahdolliset tiedot erityismääräyksistä, vaatimuksista tai varoituksista kuljetukseen liittyen.

IATA / Katso taulukosta 4.2 mahdolliset tiedot erityismääräyksistä, vaatimuksista tai varoituksista kuljetukseen liittyen.

**14.6. Erityiset varotoimet käyttäjälle**

Ei sovellettavissa.

**14.7. Merikuljetus irtolastina IMO:n asiakirjojen mukaisesti**

Tietoja ei saatavilla.

## KOHTA 15: LAINSÄÄDÄNTÖÄ KOSKEVAT TIEDOT

**15.1. Nimenomaisesti ainetta tai seosta koskevat turvallisuus-, terveys- ja ympäristösäännökset tai -lainsäädäntö**

*Käyttörajoitukset:*

Vain ammattikäyttöön.

*Erityiskoulutusta koskevat vaatimukset:*

Ei erityisvaatimuksia.

*SEVESO - Vaarallisten aineiden kategoriat / Nimetyt vaaralliset aineet:*

Ei sovellettavissa.

*REACH, Liite XVII:*

isopropyylialkoholi. Aine kuuluu REACH-asetuksen rajoitusten piiriin (Nimike nro 40).

Etanoli. Aine kuuluu REACH-asetuksen rajoitusten piiriin (Nimike nro 40).

*Sisältöä koskevat merkinnät:*

< 5%

- Anioniset pinta-aktiiviset aineet
- Ionittomat pinta-aktiiviset aineet
- Hajusteet
- Säilöntäaineet (PHENOXYETHANOL)

*Muuta:*

Ei sovellettavissa.

*Lähteet:*

Valtioneuvoston asetus raskaana olevien, äskettäin synnyttäneiden ja imettävien työntekijöiden suojelemisesta työssä vaaraa aiheuttavilta tekijöiltä (143/2024)

Euroopan parlamentin ja neuvoston asetus (EY) N:o 648/2004 pesuaineista.

Komission asetus (EU) N:o 1357/2014 jätteistä ja tiettyjen direktiivien kumoamisesta annetun Euroopan parlamentin ja neuvoston direktiivin 2008/98/EY liitteen III korvaamisesta.

Euroopan parlamentin ja neuvoston asetus (EY) N:o 1272/2008 aineiden ja seosten luokituksista, merkinnöistä ja pakkaamisesta (CLP).

Euroopan parlamentin ja neuvoston asetus (EY) N:o 1907/2006 kemikaalien rekisteröinnistä, arvioinnista, lupamenettelyistä ja rajoituksista (REACH).

**15.2. Kemikaaliturvallisuusarviointi**

Ei

## KOHTA 16: MUUT TIEDOT.

**Kohdassa 3 mainitut H-lausekkeet täydellisessä sanamuodossaan**

H225, Helposti syttyvä neste ja höyry.

H302, Haitallista nieltynä.

H318, Vaurioittaa vakavasti silmiä.  
H319, Ärsyttää voimakkaasti silmiä.  
H335, Saattaa aiheuttaa hengitysteiden ärsytystä.  
H336, Saattaa aiheuttaa uneliaisuutta ja huimausta.

#### **Lyhenteet**

ADN = Eurooppalainen sopimus koskien vaarallisten aineiden kansainvälistä sisävesikuljetuksista  
ADR = Eurooppalainen sopimus vaarallisten aineiden maantiekuljetuksista  
AS = Altistumisskenaario  
ATE = Akuutin myrkyllisyyden estimaatti  
BCF = Biologinen kertymistekijä  
CAS = Kemikaalien tunnistenumerojärjestelmä  
CLP = Asetus kemikaalien luokituksista, merkinnöistä ja pakkaamisesta [asetus (EU) No. 1272/2008]  
KTA = Kemikaaliturvallisuusarviointi  
KTR = Kemikaaliturvallisuusraportti  
DNEL = Johdettu vaikutukseton altistumistaso  
EINECS = Euroopan kaupallisessa käytössä olevien aineiden luettelo  
EUH-lausekkeet = CLP-asetuksen lisävaaralausekkeet  
EuPCS = Eurooppalainen tuoteluokitusjärjestelmä  
EWC = Euroopan jäteluettelo  
GHS = Kemikaalien yhdenmukaistettu luokitus- ja merkintäjärjestelmä  
GWP = Ilmaston lämmitysvaikutuspotentiaali  
HTP = Haitalliseksi tunnettu pitoisuus  
IATA = Kansainvälinen ilmakuljetusliitto  
IBC = Intermediate Bulk Container, IBC-kontti  
IMDG = Vaarallisten aineiden merikuljetus  
MARPOL = Kansainvälinen sopimusmeren pilaantumisen ehkäisemisestä 73/78, ("Marpol" = marine pollution)  
OECD = Taloudellisen yhteistyön ja kehityksen järjestö  
PBT = Hitaasti hajoava, biokertyvä ja myrkyllinen  
PNEC = Arvioitu vaikutukseton pitoisuus  
RID = Kansainväliset rautatiekuljetusmääräykset  
RRN = REACH-rekisteröintinumero  
SCL = Erityinen pitoisuusraja  
SVHC = Erityistä huolta aiheuttava aine  
STOT-SE = Elinkohtainen myrkyllisyys - toistuva altistuminen  
STOT-RE = Elinkohtainen myrkyllisyys - kerta-altistuminen  
YK = Yhdistyneet kansakunnat  
UVCB = Koostumukseltaan tuntematon tai vaihteleva aine, kompleksi reaktiotuote tai biologinen materiaali  
VOC = Haihtuvat orgaaniset yhdisteet  
vPvB = Erittäin hitaasti hajoava ja erittäin voimakkaasti biokertyvä "

#### **Lisätietoja**

Ei sovellettavissa.

#### **Käyttöturvallisuustiedotteen on validoinut**

Quality & Compliance

#### **Muuta**

Muutokset edelliseen merkittävään versioon (versionumeron ensimmäinen numero, kts. KTT:n kohta 1) merkitään sinisellä kolmiolla.  
Tämän käyttöturvallisuustiedotteen tiedot koskevat vain kohdassa 1 mainittua tuotetta, eivätkä ne välttämättä koske käyttöä yhdessä muiden tuotteiden kanssa.  
On suositeltavaa toimittaa tämä käyttöturvallisuustiedote tuotteen varsinaiselle käyttäjälle. Annettuja tietoja ei saa käyttää tuoteselosteena.  
Maa-kieli: FI-fi

## FICHE DE DONNÉES DE SÉCURITÉ

# i.26 kitchen polish (Alu-Air)

## RUBRIQUE 1: IDENTIFICATION DE LA SUBSTANCE/DU MÉLANGE ET DE LA SOCIÉTÉ/DE L'ENTREPRISE

### 1.1. Identificateur de produit

*Marque commerciale:*

i.26 kitchen polish (Alu-Air)

*Identifiant unique de formulation (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Utilisations identifiées pertinentes de la substance ou du mélange et utilisations déconseillées

*Utilisations identifiées pertinentes de la substance ou du mélange:*

Produits de lavage et de nettoyage (y compris produits à base de solvants)  
Réservé aux utilisateurs professionnels.

*Utilisations déconseillées :*

Aucune connue.

### 1.3. Renseignements concernant le fournisseur de la fiche de données de sécurité

*Nom et adresse de l'entreprise:*

**Hygeniq B.V.**

Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*Courriel:*

info@hygeniq.com

*Révision:*

26/05/2025

*Version de la fiche de données de sécurité:*

1.0

### 1.4. Numéro d'appel d'urgence

ORFILA: + 33 (0)1 45 42 59 59.

Ce numéro permet d'obtenir les coordonnées de tous les centres Anti-poison Français. Ces centres anti-poison et de toxicovigilance fournissent une aide médicale gratuite (hors coût d'appel), 24 heures sur 24 et 7 jours sur 7  
Voir la rubrique 4 concernant les premiers secours.

## RUBRIQUE 2: IDENTIFICATION DES DANGERS

Classée conformément au règlement (CE) n° 1272/2008 (CLP).

### 2.1. Classification de la substance ou du mélange

Aérosol 3; H229, Récipient sous pression: peut éclater sous l'effet de la chaleur.

### 2.2. Éléments d'étiquetage

*Pictogramme(s) de danger:*

Sans objet.

**Mention d'avertissement:**

Attention

**Mention(s) de danger:**

Récipient sous pression: peut éclater sous l'effet de la chaleur. (H229)

**Conseil(s) de prudence:**

**Générales:**

-

**Précautions:**

Tenir à l'écart de la chaleur, des surfaces chaudes, des étincelles, des flammes nues et de toute autre source d'inflammation. Ne pas fumer. (P210)

Ne pas perforer, ni brûler, même après usage. (P251)

**Intervention:**

-

**Stockage:**

Protéger du rayonnement solaire. Ne pas exposer à une température supérieure à 50 °C/ 122 °F. (P410+P412)

**Élimination:**

-

**Contient:**

Ne contient pas de substances dont la déclaration est obligatoire

**Autre étiquetage:**

UFI : 8YFR-ND5E-MUMG-2XW1

**Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents:**

< 5%

- Agents de surface anioniques
- Agents de surface non ioniques
- Parfums
- Agent de conservation (PHENOXYETHANOL)

### 2.3. Autres dangers

**Autre:**

Ce mélange/produit ne contient aucune substance considérée comme répondant aux critères de classification comme PBT et/ou vPvB.

Ce produit ne contient aucune substance considérée comme étant un perturbateur endocrinien conformément aux critères définis dans le règlement délégué (UE) 2017/2100 ou le règlement (UE) 2023/707 de la Commission.

## RUBRIQUE 3: COMPOSITION/INFORMATIONS SUR LES COMPOSANTS

### 3.1. Substances

Sans objet. Ce produit est un mélange.

### 3.2. Mélanges

Produit/composant	Identifiants	% w/w	Classification	Note
alcool isopropylique	N° CAS : 67-63-0 N° CE: 200-661-7 REACH: N° index : 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
éthanol;alcool éthylique	N° CAS : 64-17-5 N° CE: 200-578-6 REACH: N° index : 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phénoxyéthanol	N° CAS : 122-99-6	<1%	Acute Tox. 4, H302 (ATE: 1394,00)	

	N° CE: 204-589-7 REACH: 01-2119488943-21 N° index : 603-098-00-9		mg/kg Eye Dam. 1, H318 STOT SE 3, H335	
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Le texte intégral des phrases H se trouve dans la rubrique 16. Les limites d'exposition professionnelle sont indiquées dans la rubrique 8, à condition d'être disponibles

## Autres informations

-

## RUBRIQUE 4: PREMIERS SECOURS

### 4.1. Description des mesures de premiers secours

#### *Généralités:*

En cas d'accident : Contactez un médecin ou l'hôpital, apportez l'étiquette ou bien la présente fiche de données de sécurité.

En cas de symptômes persistants ou en cas de doute concernant l'état de la personne blessée, faites appel à un médecin. Ne donnez jamais à boire de l'eau ou autre liquide à une personne ayant perdu connaissance.

#### *Inhalation:*

En cas de difficultés respiratoires ou d'irritation des voies respiratoires : Amenez la personne à l'air frais et gardez la personne sous surveillance.

#### *Contact cutané:*

Retirez immédiatement les vêtements et chaussures contaminés. Lavez soigneusement avec de l'eau et du savon la peau qui a été en contact avec le produit. Des produits nettoyants domestiques peuvent être utilisés. N'utilisez PAS de produits solvants ou de diluants.

#### *Contact visuel:*

En cas de contact avec les yeux: Rincez aussitôt avec de l'eau (20-30 °C) pendant 5 minutes. Retirez les éventuelles lentilles de contact de la victime . Demandez l'assistance d'un médecin.

#### *Ingestion:*

Si la personne est consciente, rincez-lui la bouche avec de l'eau et restez avec elle. Ne donnez jamais rien à boire à la personne. En cas de malaise : contactez immédiatement un médecin et apportez-lui la présente fiche de données de sécurité ou l'étiquette du produit. Ne faites pas vomir, à moins que le médecin ne le recommande. Maintenez la tête tournée vers le bas de manière à ce que les vomissements ne reviennent pas dans la bouche et la gorge.

#### *Brûlure:*

Sans objet.

### 4.2. Principaux symptômes et effets, aigus et différés

Aucune connue.

### 4.3. Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires

Traiter selon les symptômes.

### Informations pour le médecin

Apportez la présente fiche de données de sécurité ou l'étiquette du produit.

## RUBRIQUE 5: MESURES DE LUTTE CONTRE L'INCENDIE

### 5.1. Moyens d'extinction

Sans objet.

### 5.2. Dangers particuliers résultant de la substance ou du mélange

Récipient sous pression. En cas d'incendie ou de chauffage, la pression augmente et risque de faire exploser le conteneur.

Le feu va dégager une épaisse fumée. L'exposition aux produits de décomposition représente un danger pour la santé. Les récipients fermés exposés au feu sont refroidis avec de l'eau. Ne laissez pas de l'eau ayant servi à éteindre l'incendie s'écouler dans les égouts et les cours d'eau.

Si le produit est exposé à de hautes températures, par exemple en cas d'incendie, de dangereux produits gazeux de décomposition peuvent être créés. Il s'agit de :

Les oxydes de carbone (CO / CO<sub>2</sub>)

Certains oxydes de métal

### 5.3. Conseils aux pompiers

Portez une combinaison d'intervention normale et une protection respiratoire complète afin d'éviter tout contact. Voir la rubrique 1 concernant numéro d'appel d'urgence.

## RUBRIQUE 6: MESURES À PRENDRE EN CAS DE DISPERSION ACCIDENTELLE

### 6.1. Précautions individuelles, équipement de protection et procédures d'urgence

Assurer une ventilation adéquate, en particulier dans les espaces confinés.

Les zones contaminées peuvent être glissantes.

### 6.2. Précautions pour la protection de l'environnement

Ne déversez pas dans les lacs, les ruisseaux, les égouts, etc.

Tenir les personnes non autorisées éloignées du déversement.

### 6.3. Méthodes et matériel de confinement et de nettoyage

Contenez et collectez les déversements avec un matériau absorbant non combustible, par exemple du sable, de la terre, de la vermiculite ou de la terre de diatomées, et placez-les dans un récipient pour les éliminer conformément aux réglementations locales.

Nettoyez autant que possible avec des produits de nettoyage ordinaires. Évitez les solvants.

### 6.4. Référence à d'autres rubriques

Voir la rubrique 13 "Considérations relatives à l'élimination" sur la manipulation des déchets.

Voir la rubrique 8 "Contrôles de l'exposition/protection individuelle" pour les mesures de protection.

## RUBRIQUE 7: MANIPULATION ET STOCKAGE

### 7.1. Précautions à prendre pour une manipulation sans danger

Ne pas perforer, ni brûler, même après usage.

La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.

Voir la rubrique 8 «Contrôles de l'exposition/protection individuelle» pour des renseignements sur les dispositifs de protection individuelle.

### 7.2. Conditions d'un stockage sûr, y compris d'éventuelles incompatibilités

Conserver dans des récipients fermés hermétiquement, à l'abri de l'humidité et de la lumière. Les récipients doivent être datés lorsqu'ils sont ouverts et la présence de peroxydes doit être testée périodiquement. Ne dépassez pas les limites de durée de stockage.

Les récipients ayant été ouverts doivent être refermés avec soin et maintenus en position verticale afin d'éviter les fuites.

*Les compatibilités en matière de conditionnement:*

Conserver uniquement dans l'emballage d'origine.

*Conditions de stockage:*

Sec, frais et bien ventilé

*Matières incompatibles:*

Acides forts, bases fortes, oxydants forts et des réducteurs forts.

### 7.3. Utilisation(s) finale(s) particulière(s)

Ce produit doit être utilisé exclusivement pour les applications décrites la rubrique 1.2.

## RUBRIQUE 8: CONTRÔLES DE L'EXPOSITION/PROTECTION INDIVIDUELLE

### 8.1. Paramètres de contrôle

Aluminium oxide

Valeur limite (8 heures) (VLEP) (mg/m<sup>3</sup>): 10

alcool isopropylique

Valeur à court terme (15 minutes) (VLCT ou VLE) (ppm): 400

Valeur à court terme (15 minutes) (VLCT ou VLE) (mg/m<sup>3</sup>): 980

éthanol;alcool éthylique

Valeur limite (8 heures) (VLEP) (mg/m<sup>3</sup>): 1900

Valeur limite (8 heures) (VLEP) (ppm): 1000

Valeur à court terme (15 minutes) (VLCT ou VLE) (ppm): 5000

Valeur à court terme (15 minutes) (VLCT ou VLE) (mg/m<sup>3</sup>): 9500

Valeurs limites d'exposition professionnelle (VLEP) 06/2024.

### DNEL

2-phénoxyéthanol

Durée :	Voie d'exposition :	DNEL :
Effets systématiques à long terme - population globale	Cutanée	20,83 mg/kg
Effets systématiques à long terme - Travailleurs	Cutanée	34.72 mg/kg/jour
Effets systémiques à long terme	Cutanée	10,42 mg/kg
Effets locaux à long terme - Travailleurs	Inhalation	5,7 mg/m <sup>3</sup>
Effets systématiques à long terme - Travailleurs	Inhalation	5,7 mg/m <sup>3</sup>
Effets systématiques à long terme - Travailleurs	Inhalation	8.07 mg/m <sup>3</sup>
Effets systémiques à long terme	Inhalation	2,41 mg/m <sup>3</sup>
À long terme	Orale	9,23 mg/kg

alcool isopropylique

Durée :	Voie d'exposition :	DNEL :
Effets systématiques à long terme - population globale	Cutanée	319 mg/kg
Effets systématiques à long terme - Travailleurs	Cutanée	888 mg/m <sup>3</sup>
Effets systématiques à long terme - population globale	Inhalation	89 mg/m <sup>3</sup>
Effets systématiques à long terme - population globale	Inhalation	89 mg/m <sup>3</sup>
Effets systématiques à long terme - Travailleurs	Inhalation	500 mg/m <sup>3</sup>
Effets systématiques à long terme - population globale	Orale	26 mg/kg

éthanol;alcool éthylique

Durée :	Voie d'exposition :	DNEL :
Effets systématiques à long terme - population globale	Cutanée	206 mg/kg/jour
Effets systématiques à long terme - Travailleurs	Cutanée	343 mg/kg/jour
Effets locaux à court terme - population globale	Inhalation	950 mg/m <sup>3</sup>
Effets locaux à court terme - Travailleurs	Inhalation	1900 mg/m <sup>3</sup>
Effets systématiques à long terme - population globale	Inhalation	114 mg/m <sup>3</sup>
Effets systématiques à long terme - Travailleurs	Inhalation	380 mg/m <sup>3</sup>
Effets systématiques à long terme - population globale	Orale	87 mg/kg/jour

### PNEC

2-phénoxyéthanol

Voie d'exposition :	Durée d'exposition :	PNEC :

Eau de mer		0.0943 mg/L
Eau douce		0,943 mg/L
Installation de traitement des eaux usées		24,8 mg/L
Installation de traitement des eaux usées	Unique	36 mg/L
Sédiments en eau de marines		0,7237 mg/kg
Sédiments en eau douce		7.2366 mg/kg
Sol		1,26 mg/kg

#### alcool isopropylique

Voie d'exposition :	Durée d'exposition :	PNEC :
Eau de mer		140,9 mg/L
Eau douce		140,9 mg/L
Emission intermittente		140,9 mg/L
Installation de traitement des eaux usées		2251 mg/L
Sédiments en eau de marines		552 mg/kg
Sédiments en eau douce		552 mg/kg
Sol		28 mg/kg

#### éthanol;alcool éthylique

Voie d'exposition :	Durée d'exposition :	PNEC :
Eau de mer		790 µg/L
Eau douce		960 µg/L
Emission intermittente (eau douce)		2.75 mg/L
Installation de traitement des eaux usées		580 mg/L
Prédateurs		380-720 mg/kg
Sédiments en eau de marines		2.9 mg/kg
Sédiments en eau douce		3.6 mg/kg
Sol		630 µg/kg

## 8.2. Contrôles de l'exposition

Le respect des valeurs limites indiquées doit être contrôlé régulièrement.

#### Précautions générales:

La consommation de tabac, de nourriture et de boissons n'est pas permise dans les locaux de travail.

#### Scénarios d'exposition:

Aucun scénario d'exposition n'est mis en œuvre pour ce produit.

#### Limite d'exposition:

Les utilisateurs professionnels sont concernés par la législation sur l'environnement de travail qui concerne les concentrations maximales auxquelles il est permis d'être exposé. Voir les valeurs limites d'hygiène de travail indiquées ci-dessus.

#### Mesures techniques:

La formation de vapeur doit être minimale et rester sous les valeurs limites actuelles (voir ci-dessus). Si l'aération n'est pas suffisante dans la pièce, l'installation d'un système local de ventilation est recommandée. Assurez-vous que les douches oculaires et les douches d'urgence sont clairement indiquées. Suivez les précautions habituelles quand vous utilisez le produit. Évitez de respirer les vapeurs.

#### Mesures d'hygiène:

A chaque pause lors de l'utilisation du produit et une fois le travail terminé, les parties exposées du corps doivent être lavées. Porter une attention particulière aux mains, aux avant-bras et au visage.

#### Mesures pour la limitation de l'exposition à l'environnement:

Pas d'exigences particulières.

## Mesures de protection individuelle, telles que les équipement de protection personnelle

### Généralités:

Utilisez exclusivement des équipements de protection comportant la marque CE.

### Équipements respiratoires:

Type	Classe	Couleur	Normes	
Rien de spécial quand utilisé tel que prévu.				

### Protection de la peau:

Recommandé	Type/Catégorie	Normes	
Rien de spécial quand utilisé tel que prévu	-	-	

### Protection des mains:

Situation de travail	Matériel	Épaisseur minimum (mm)	Délai de rupture (min.)	Normes	
	Rien de spécial quand utilisé tel que prévu	-	-	-	
En cas d'exposition prolongée ou de concentration élevée	Coton / Caoutchouc nitrile	-	> 240	EN374-2, EN16523-1, EN388	

### Protection des yeux:

Type	Normes	
Rien de spécial quand utilisé tel que prévu.	-	

## RUBRIQUE 9: PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

### 9.1. Informations sur les propriétés physiques et chimiques essentielles

#### Etat physique:

Liquide

#### Couleur:

Blanc

#### Odeur / Seuil olfactif (ppm):

De parfum

#### pH:

ca. 9

#### Densité (g/cm<sup>3</sup>):

1,06 (20 °C)

#### Viscosité cinématique:

Aucune information disponible.

#### Viscosité dynamique:

ca 1000 mPa.s (20 °C)

#### Caractéristiques des particules:

Ne s'applique pas aux liquides.

### Changement d'état

#### Point de fusion/point de congélation (°C):

Aucune information disponible.

#### Le point/l'intervalle de ramollissement (°C):

Ne s'applique pas aux liquides.

*Point d'ébullition (°C):*

Aucune information disponible.

*Pression de vapeur:*

Aucune information disponible.

*Densité de vapeur relative :*

Aucune information disponible.

*Température de décomposition (°C):*

Aucune information disponible.

### **Informations concernant les risques d'explosion et d'incendie**

*Point d'éclair (°C):*

Aucune information disponible.

*Inflammabilité (°C):*

Aucune information disponible.

*Température d'auto-inflammation (°C):*

Aucune information disponible.

*Limite d'explosivité (% v/v):*

Aucune information disponible.

### **Solubilité**

*Solubilité dans l'eau:*

Aucune information disponible.

*n-octanol/coefficient d'eau (LogKow):*

Aucune information disponible.

*Solubilité dans la graisse (g/L):*

Aucune information disponible.

### **9.2. Autres informations**

*D'autres paramètres physiques et chimiques:*

Aucune information disponible.

*Capacités oxydantes:*

Aucune information disponible.

## **RUBRIQUE 10: STABILITÉ ET RÉACTIVITÉ**

### **10.1. Réactivité**

Aucune information disponible.

### **10.2. Stabilité chimique**

Le produit est stable dans les conditions indiquées à la rubrique 7 (Manipulation et stockage).

### **10.3. Possibilité de réactions dangereuses**

Aucune connue.

### **10.4. Conditions à éviter**

Aucune connue.

### **10.5. Matières incompatibles**

Acides forts, bases fortes, oxydants forts et des réducteurs forts.

### **10.6. Produits de décomposition dangereux**

Dans des conditions normales de stockage et d'utilisation, aucun produit de décomposition dangereux ne doit être produit.

## **RUBRIQUE 11: INFORMATIONS TOXICOLOGIQUES**

### 11.1. Informations sur les classes de danger telles que définies dans le règlement (CE) n° 1272/2008

#### Toxicité aiguë

Produit/composant Aluminium oxide  
Espèce : Rat  
Voie d'exposition : Inhalation  
Test : CL50  
Valeur : > 5 mg/L

Produit/composant Aluminium oxide  
Espèce : Rat  
Voie d'exposition : Orale  
Valeur : > 5000 mg/kg

Produit/composant alcool isopropylique  
Espèce : Rat  
Voie d'exposition : Orale  
Test : DL50  
Valeur : >2000 mg/kg

Produit/composant alcool isopropylique  
Espèce : Lapin  
Voie d'exposition : Cutanée  
Test : DL50  
Valeur : >2000 mg/kg

Produit/composant alcool isopropylique  
Espèce : Rat  
Voie d'exposition : Inhalation  
Test : CL50  
Valeur : >20

Produit/composant alcool isopropylique  
Voie d'exposition : Orale  
Test : DL50  
Valeur : 5849 mg/kg

Produit/composant alcool isopropylique  
Espèce : Rat  
Voie d'exposition : Orale  
Test : DL50  
Valeur : 5840 mg/kg

Produit/composant alcool isopropylique  
Espèce : Lapin  
Voie d'exposition : Cutanée  
Test : DL50  
Valeur : 12800 mg/kg

Produit/composant alcool isopropylique  
Voie d'exposition : Inhalation  
Test : CL50  
Valeur : 301002 mg/L

Produit/composant 2-phénoxyéthanol  
Espèce : Rat  
Voie d'exposition : Orale  
Test : DL50  
Valeur : 1840 mg/kg

Produit/composant 2-phénoxyéthanol

Espèce : Lapin  
Voie d'exposition : Cutanée  
Valeur : >5000 mg/kg

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Corrosion cutanée/irritation cutanée**

Produit/composant alcool isopropylique  
Méthode d'essai : OCDE 404  
Espèce : Lapin  
Durée : 4 hours

---

Produit/composant 2-phénoxyéthanol  
Valeur : Effets nocifs observés (Corrosif)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Lésions oculaires graves/irritation oculaire**

Produit/composant Aluminium oxide

---

Produit/composant alcool isopropylique  
Espèce : Lapin  
Valeur : Effets nocifs observés (Irritant)

---

Produit/composant alcool isopropylique  
Méthode d'essai : OCDE 405  
Espèce : Lapin  
Valeur : Effets nocifs observés (Provoque de graves lésions des yeux)

---

Produit/composant 2-phénoxyéthanol  
Valeur : Effets nocifs observés (Provoque de graves lésions des yeux)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Sensibilisation respiratoire**

Produit/composant alcool isopropylique  
Méthode d'essai : OCDE 406  
Espèce : Cochon d'Inde  
Valeur : Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Sensibilisation cutanée**

Produit/composant alcool isopropylique  
Espèce : Cochon d'Inde  
Valeur : Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Mutagenicité sur les cellules germinales**

Produit/composant alcool isopropylique  
Conclusion : Aucun effet nocif observé

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Cancérogénicité**

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Toxicité pour la reproduction**

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Toxicité spécifique pour certains organes cibles — exposition unique**

Produit/composant alcool isopropylique  
Voie d'exposition : Orale

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

#### **Toxicité spécifique pour certains organes cibles – exposition répétée**

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

### Danger par aspiration

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

### 11.2. Informations sur les autres dangers

#### Effets sur le long terme

Aucune connue.

#### Propriétés perturbant le système endocrinien

Ce mélange/produit ne contient aucune substance considérée comme ayant des propriétés qui provoquent des troubles hormonaux vis-à-vis de la santé.

#### Autres informations

alcool isopropylique: La substance a été classée dans le groupe 3 par le CIRC.

## RUBRIQUE 12: INFORMATIONS ÉCOLOGIQUES

### 12.1. Toxicité

Produit/composant	alcool isopropylique
Espèce :	Poisson, Goudwinde ( <i>Leuciscus idus</i> )
Durée :	48 heures
Test :	CL50
Valeur :	>100 mg/L

Produit/composant	alcool isopropylique
Espèce :	Crustacés, <i>Daphnia magna</i>
Durée :	48 heures
Test :	CE50
Valeur :	>100 mg/L

Produit/composant	alcool isopropylique
Espèce :	Algues, <i>Scenedesmus subspicatus</i>
Durée :	72 heures
Test :	CE50
Valeur :	>100 mg/L

Produit/composant	2-phénoxyéthanol
Espèce :	Poisson
Durée :	96 heures
Test :	CL50
Valeur :	>100 mg/L

Produit/composant	2-phénoxyéthanol
Espèce :	Algues
Durée :	72 heures
Test :	ErC50
Valeur :	>100 mg/L

Produit/composant	2-phénoxyéthanol
Espèce :	<i>Daphnia magna</i>
Durée :	48 heures
Test :	CE50
Valeur :	>100 mg/L

Produit/composant	2-phénoxyéthanol
Espèce :	Poisson
Test :	CSEO
Valeur :	23 mg/L

Produit/composant	2-phénoxyéthanol
Espèce :	Andere waterorganismen
Durée :	30 minutes

Test : CE50  
Valeur : >1000 mg/L

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

### 12.2. Persistance et dégradabilité

Produit/composant alcool isopropylique  
Valeur : 95%  
Conclusion : Biodégradabilité facile  
Test : OCDE 301 E

Produit/composant 2-phénoxyéthanol  
Valeur : >70  
Conclusion : Biodégradabilité facile  
Test : OCDE 301 A

### 12.3. Potentiel de bioaccumulation

Produit/composant alcool isopropylique  
BCF: <100  
LogKow : <3  
Conclusion : -

Produit/composant 2-phénoxyéthanol  
BCF: 0.349  
LogKow : 1.2  
Conclusion : -

### 12.4. Mobilité dans le sol

Aucune information disponible.

### 12.5. Résultats des évaluations PBT et vPvB

Ce mélange/produit ne contient aucune substance considérée comme répondant aux critères de classification comme PBT et/ou vPvB.

### 12.6. Propriétés perturbant le système endocrinien

Ce mélange/produit ne contient pas de composants considérés comme ayant des propriétés perturbatrices du système endocrinien

### 12.7. Autres effets néfastes

Aucune connue.

## RUBRIQUE 13: CONSIDÉRATIONS RELATIVES À L'ÉLIMINATION

### 13.1. Méthodes de traitement des déchets

Le produit n'est pas concerné par la réglementation sur les déchets dangereux.  
Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.

Code CED:  
20 01 30 Détergents autres que ceux visés à la rubrique 20 01 29

### Emballages pollués

Les emballages avec des résidus de produit sont éliminés en suivant les mêmes règles que pour le produit lui-même.

## RUBRIQUE 14: INFORMATIONS RELATIVES AU TRANSPORT

	14.1 ONU	14.2 Désignation officielle de transport	14.3 Classe(s) de danger pour le transport	14.4 PG*	14.5. Env**	Autres information s :
ADR	1950	AEROSOLS	Classe: 2 Étiquettes: 2.2 Code de classification: 5A	-	Non	Quantités limitées: 1 L Code de

	14.1 ONU	14.2 Désignation officielle de transport	14.3 Classe(s) de danger pour le transport	14.4 PG*	14.5. Env**	Autres information s :
						restriction en tunnels: 3 (E) Voir ci-dessous pour plus d'informations.
IMDG	1950	AEROSOLS	Classe: 2 Étiquettes: 2.2 Code de classification: 5A	-	Non	Quantités limitées: 1 L EmS: F-D S-U Voir ci-dessous pour plus d'informations.
IATA	1950	AEROSOLS	Classe: 2 Étiquettes: 2.2 Code de classification: 5A	-	Non	Voir ci-dessous pour plus d'informations.

\* Groupe d'emballage

\*\* Dangers pour l'environnement

#### Autre

Le produit est concerné par les conventions sur les marchandises dangereuses.

ADR / Voir tableau A, section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport. Voir la section 5.4.3, pour les instructions écrites concernant l'atténuation des dommages en cas d'incidents ou d'accidents pendant le transport.

IMDG / Voir section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

IATA / Voir tableau 4.2 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport.

#### 14.6. Précautions particulières à prendre par l'utilisateur

Sans objet.

#### 14.7. Transport maritime en vrac conformément aux instruments de l'OMI

Aucune information disponible.

## RUBRIQUE 15: INFORMATIONS RELATIVES À LA RÉGLEMENTATION

### 15.1. Réglementations/législation particulières à la substance ou au mélange en matière de sécurité, de santé et d'environnement

*Limites d'utilisation:*

Réservé aux utilisateurs professionnels.

*Demandes de formation spécifique:*

Pas d'exigences particulières.

*Protection contre les accidents majeurs - Catégories / Substances dangereuses désignées:*

Sans objet.

*REACH, Annexe XVII:*

alcool isopropylique est soumis aux restrictions REACH (N° entrée 40).  
éthanol;alcool éthylique est soumis aux restrictions REACH (N° entrée 40).

*Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents:*

< 5%

- Agents de surface anioniques
- Agents de surface non ioniques
- Parfums
- Agent de conservation (PHENOXYETHANOL)

*Autre:*

Sans objet.

*Sources:*

Ordonnance n° 2001-173 du 22 février 2001 relative à l'amélioration de la sécurité et de la santé des travailleuses enceintes, accouchées ou allaitantes au travail.  
Règlement (CE) n° 648/2004 du Parlement européen et du Conseil du 31 mars 2004 relatif aux détergents.  
Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.  
Règlement (CE) n° 1272/2008 du Parlement européen et du Conseil du 16 décembre 2008 relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges (CLP).  
Règlement (CE) n° 1907/2006 du Parlement européen et du Conseil du 18 décembre 2006 concernant l'enregistrement, l'évaluation et l'autorisation des substances chimiques, ainsi que les restrictions applicables à ces substances (REACH).

**15.2. Évaluation de la sécurité chimique**

Non

## RUBRIQUE 16: AUTRES INFORMATIONS

**Précisions sur les phrases H dont il est question dans la rubrique 3**

H225, Liquide et vapeurs très inflammables.  
H302, Nocif en cas d'ingestion.  
H318, Provoque de graves lésions des yeux.  
H319, Provoque une sévère irritation des yeux.  
H335, Peut irriter les voies respiratoires.  
H336, Peut provoquer somnolence ou vertiges.

**Abréviations et acronymes**

ADN = Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation intérieure  
ADR = L'Accord européen relatif au transport international des marchandises Dangereuses par Route  
CAS = Chemical Abstracts Service  
CE = Conformité Européenne  
CVI = Conteneurs en Vrac Intermédiaires  
CLP = Règlement 1272/2008/CE relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges  
COV = Composés Organiques Volatils  
CPSE = Concentration Prédite Sans Effet  
CSA = Evaluation de la Sécurité Chimique  
CSR = Rapport sur la Sécurité Chimique  
DMEL = Dose dérivée avec effet minimum  
DNEL = Dose dérivée sans effet  
ds = les déchets spéciaux  
EINECS = Inventaire européen des substances chimiques commerciales existantes  
ETA = Estimation de la Toxicité Aiguë  
EuPCS = Système européen de catégorisation des produits  
FBC = Facteur de Bioconcentration  
Mention EUH = mention de danger spécifique CLP  
IARC = Le Centre international de Recherche sur le Cancer (CIRC)  
IATA = Association Internationale du Transport Aérien  
code IMDG = code maritime international des marchandises dangereuses

LogK<sub>ow</sub> = Coefficient de partage octanol/eau  
MARPOL = Convention internationale pour la prévention de la pollution par les navires de 1973, telle que modifiée par le Protocole de 1978. ("MARPOL" = pollution maritime)  
NU = Nations Unies  
OCDE = Organisation de Coopération et de Développement Economiques  
PBT = Persistantes, Bioaccumulables et Toxiques  
PRP = Le potentiel de réchauffement planétaire  
REACH = Règlement sur l'enregistrement, l'évaluation, l'autorisation et les restrictions des substances chimiques [Règlement (CE) N° 1907/2006]  
RID = Règlement concernant le transport International ferroviaire des marchandises Dangereuses  
RRN = Numéro d'enregistrement REACH  
sc = les autres déchets soumis à contrôle  
scd = autres déchets soumis à contrôle qui nécessitent un document de suivi  
SCL = Limite de concentration spécifique (LCS).  
SE = Scénario d'Exposition  
SGH = Système Général Harmonisé de classification et d'étiquetage des produits chimiques  
SVHC = Substances extrêmement préoccupantes  
TDAA = Température de décomposition auto-accélérée  
vPvB = Très Persistant et très Bioaccumulable  
TSOC-ER = Toxicité Spécifique pour certains Organes Cibles - Exposition Répétée  
TSOC-EU = Toxicité Spécifique pour certains Organes Cibles - Exposition Unique  
TWA = Moyenne pondérée dans le temps  
UVBC = Substances de composition inconnue ou variable, produits de réaction complexes ou matières biologiques

**Autre**

Sans objet.

**Validé par**

Quality & Compliance

**Autre**

Les modifications par rapport à la dernière révision importante (premiers chiffres dans la fiche, voir rubrique 1) de cette fiche de données de sécurité sont repérées par un triangle.  
Les informations de la présente fiche de données de sécurité sont seulement valables pour ce produit (indiqué à la rubrique 1) et ne sont pas nécessairement valables pour l'utilisation d'autres produits/produits chimiques.  
Il est recommandé de donner cette fiche de données de sécurité à l'utilisateur effectif du produit. Les informations de ce document ne peuvent pas être utilisées comme spécification du produit.  
Pays-langue : FR-fr

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

*Unique formula identifier (UFI):*

8YFR-ND5E-MUMG-2XW1

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*Revision:*

26/05/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 112 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

### SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

## 2.2. Label elements

*Hazard pictogram(s):*  
Not applicable.

*Signal word:*  
Warning

*Hazard statement(s):*  
Pressurised container: May burst if heated. (H229)

*Precautionary statement(s):*

*General:*

-

*Prevention:*

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

*Response:*

-

*Storage:*

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

*Disposal:*

-

*Hazardous substances:*

Does not contain any substances required to report

*Additional labelling:*

UFI: 8YFR-ND5E-MUMG-2XW1

*Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:*  
< 5%

- Anionic surfactants
- Non-ionic surfactants
- Perfumes
- Preservation agent (PHENOXYETHANOL)

## 2.3. Other hazards

*Additional warnings:*

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.  
This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7 UK-REACH: Index No.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6 UK-REACH: Index No.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7 UK-REACH: Index No.: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	
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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

#### Other information

-

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

#### Skin contact:

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

#### Eye contact:

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

#### Ingestion:

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

#### Burns:

Not applicable.

### 4.2. Most important symptoms and effects, both acute and delayed

None known.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### Information to medics

Bring this safety data sheet or the label from this product.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

Not applicable.

### 5.2. Special hazards arising from the substance or mixture

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:  
Carbon oxides (CO / CO<sub>2</sub>)  
Some metal oxides

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.  
Hazchem Code: None

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.  
Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.  
Keep unauthorized persons away from the spill

### 6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.  
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.  
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*

Keep only in original packaging.

*Storage conditions:*

Dry, cool and well ventilated

*Incompatible materials:*

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Aluminium oxide

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10(inhalable)/4(respirable)

isopropyl alcohol

Long term exposure limit (8 hours) (ppm): 400

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 999  
 Short term exposure limit (15 minutes) (ppm): 500  
 Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 1250

ethanol;ethyl alcohol

Long term exposure limit (8 hours) (ppm): 1000  
 Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 1920

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
 EH40/2005 Workplace exposure limits (Fourth Edition 2020).

## DNEL

### 2-phenoxyethanol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects	Dermal	10,42 mg/kg
Long term – Systemic effects - General population	Dermal	20,83 mg/kg
Long term – Systemic effects - Workers	Dermal	34.72 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	5,7 mg/m <sup>3</sup>
Long term – Systemic effects	Inhalation	2,41 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	5,7 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	8,07 mg/m <sup>3</sup>
Long term	Oral	9,23 mg/kg

### ethanol;ethyl alcohol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	206 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	343 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	114 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	380 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	950 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	1900 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	87 mg/kg bw/day

### isopropyl alcohol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	319 mg/kg
Long term – Systemic effects - Workers	Dermal	888 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	89 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	89 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	500 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	26 mg/kg

## PNEC

### 2-phenoxyethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,943 mg/L
Freshwater sediment		7.2366 mg/kg
Marine water		0.0943 mg/L
Marine water sediment		0,7237 mg/kg

Sewage treatment plant		24,8 mg/L
Sewage treatment plant	Single	36 mg/L
Soil		1,26 mg/kg

ethanol;ethyl alcohol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		960 µg/L
Freshwater sediment		3.6 mg/kg
Intermittent release (freshwater)		2.75 mg/L
Marine water		790 µg/L
Marine water sediment		2.9 mg/kg
Predators		380-720 mg/kg
Sewage treatment plant		580 mg/L
Soil		630 µg/kg

isopropyl alcohol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		140,9 mg/L
Freshwater sediment		552 mg/kg
Intermittent release		140,9 mg/L
Marine water		140,9 mg/L
Marine water sediment		552 mg/kg
Sewage treatment plant		2251 mg/L
Soil		28 mg/kg

## 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*General recommendations:*

Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*

There are no exposure scenarios implemented for this product.

*Exposure limits:*

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

*Appropriate technical measures:*

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

*Hygiene measures:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

*Measures to avoid environmental exposure:*

No specific requirements.

## Individual protection measures, such as personal protective equipment

*Generally:*

Use only UKCA marked protective equipment.

*Respiratory Equipment:*

Type	Class	Colour	Standards
No special when used as intended.			

*Skin protection:*

Recommended	Type/Category	Standards
No special when used as intended.	-	-

*Hand protection:*

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
	No special when used as intended	-	-	-
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388



*Eye protection:*

Type	Standards
No special when used as intended.	-

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

*Physical state:*

Liquid

*Colour:*

White

*Odour / Odour threshold:*

Of perfume

*pH:*

ca. 9

*Density (g/cm<sup>3</sup>):*

1.06 (20 °C)

*Kinematic viscosity:*

No data available.

*Dynamic viscosity:*

ca 1000 mPa.s (20 °C)

*Particle characteristics:*

Does not apply to liquids.

### Phase changes

*Melting point/Freezing point (°C):*

No data available.

*Softening point/range (°C):*

Does not apply to liquids.

*Boiling point (°C):*

No data available.

*Vapour pressure:*

No data available.

*Relative vapour density:*

No data available.

*Decomposition temperature (°C):*

No data available.

#### **Data on fire and explosion hazards**

*Flash point (°C):*

No data available.

*Flammability (°C):*

No data available.

*Auto-ignition temperature (°C):*

No data available.

*Lower and upper explosion limit (% v/v):*

No data available.

#### **Solubility**

*Solubility in water:*

No data available.

*n-octanol/water coefficient (LogKow):*

No data available.

*Solubility in fat (g/L):*

No data available.

#### **9.2. Other information**

*Oxidizing properties:*

No data available.

*Other physical and chemical parameters:*

No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

#### **10.1. Reactivity**

No data available.

#### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

#### **10.3. Possibility of hazardous reactions**

None known.

#### **10.4. Conditions to avoid**

None known.

#### **10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

#### **10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

#### **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law**

##### **Acute toxicity**

Product/substance	Aluminium oxide
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Result: > 5 mg/L

Product/substance: Aluminium oxide  
Species: Rat  
Route of exposure: Oral  
Result: > 5000 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: >2000 mg/kg

Product/substance: isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: >2000 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Inhalation  
Test: LC50  
Result: >20

Product/substance: isopropyl alcohol  
Route of exposure: Oral  
Test: LD50  
Result: 5849 mg/kg

Product/substance: isopropyl alcohol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 5840 mg/kg

Product/substance: isopropyl alcohol  
Species: Rabbit  
Route of exposure: Dermal  
Test: LD50  
Result: 12800 mg/kg

Product/substance: isopropyl alcohol  
Route of exposure: Inhalation  
Test: LC50  
Result: 301002 mg/L

Product/substance: 2-phenoxyethanol  
Species: Rat  
Route of exposure: Oral  
Test: LD50  
Result: 1840 mg/kg

Product/substance: 2-phenoxyethanol  
Species: Rabbit  
Route of exposure: Dermal  
Result: >5000 mg/kg

Based on available data, the classification criteria are not met.

**Skin corrosion/irritation**

Product/substance	isopropyl alcohol
Test method:	OECD 404
Species:	Rabbit
Duration:	4 hours

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

#### **Serious eye damage/irritation**

Product/substance	Aluminium oxide
-------------------	-----------------

Product/substance	isopropyl alcohol
Species:	Rabbit
Result:	Adverse effect observed (Irritating)

Product/substance	isopropyl alcohol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

#### **Respiratory sensitisation**

Product/substance	isopropyl alcohol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### **Skin sensitisation**

Product/substance	isopropyl alcohol
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

#### **Germ cell mutagenicity**

Product/substance	isopropyl alcohol
Conclusion:	No adverse effect observed

Based on available data, the classification criteria are not met.

#### **Carcinogenicity**

Based on available data, the classification criteria are not met.

#### **Reproductive toxicity**

Based on available data, the classification criteria are not met.

#### **STOT-single exposure**

Product/substance	isopropyl alcohol
Route of exposure:	Oral

Based on available data, the classification criteria are not met.

#### **STOT-repeated exposure**

Based on available data, the classification criteria are not met.

#### **Aspiration hazard**

Based on available data, the classification criteria are not met.

### **11.2. Information on other hazards**

#### **Long term effects**

None known.

### Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

### Other information

isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

Product/substance	isopropyl alcohol
Species:	Fish, Goudwinde ( <i>Leuciscus idus</i> )
Duration:	48 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Crustacean, <i>Daphnia magna</i>
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Algae, <i>Scenedesmus subspicatus</i>
Duration:	72 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Algae
Duration:	72 hours
Test:	ErC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	<i>Daphnia magna</i>
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Fish
Test:	NOEC
Result:	23 mg/L

Product/substance	2-phenoxyethanol
Species:	Andere waterorganismen
Duration:	30 minutes
Test:	EC50
Result:	>1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance	isopropyl alcohol
-------------------	-------------------

Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

### 12.3. Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

### 12.7. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### Waste treatment methods

Product is not covered by regulations on dangerous waste.  
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

### EWC code

20 01 30 Detergents other than those mentioned in 20 01 29

### Specific labelling

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E)

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
						See below for additional information .
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S- U See below for additional information .
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information .

\* Packing group

\*\* Environmental hazards

#### Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

Hazchem Code: None

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Maritime transport in bulk according to IMO instruments

No data available.

## SECTION 15: REGULATORY INFORMATION

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

*Restrictions for application:*

Restricted to professional users.

*Demands for specific education:*

No specific requirements.

*Control of Major Accident Hazards (COMAH) - Categories / dangerous substances:*

Not applicable.

*UK-REACH, Annex XVII:*

isopropyl alcohol is subject to UK-REACH restrictions (entry 40).

ethanol;ethyl alcohol is subject to UK-REACH restrictions (entry 40).

*Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:*  
< 5%

- Anionic surfactants
- Non-ionic surfactants
- Perfumes
- Preservation agent (PHENOXYETHANOL)

*Additional information:*

Not applicable.

*Sources:*

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

## 15.2. Chemical safety assessment

No

## SECTION 16: OTHER INFORMATION

### Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

H336, May cause drowsiness or dizziness.

### Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

GWP = Global warming potential

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
RRN = REACH Registration Number  
SCL = A specific concentration limit  
SVHC = Substances of Very High Concern  
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure  
STOT-SE = Specific Target Organ Toxicity - Single Exposure  
TWA = Time weighted average  
UN = United Nations  
UVBC = Unknown or variable composition, complex reaction products or of biological materials  
VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en

## ΔΕΛΤΙΟ ΔΕΔΟΜΕΝΩΝ ΑΣΦΑΛΕΙΑΣ

# i.26 kitchen polish (Alu-Air)

### ΤΜΗΜΑ 1: ΑΝΑΓΝΩΡΙΣΤΙΚΌΣ ΚΩΔΙΚΌΣ ΟΥΣΊΑΣ/ΜΕΊΓΜΑΤΟΣ ΚΑΙ ΕΠΙΧΕΊΡΗΣΗΣ

#### 1.1. Αναγνωριστικός κωδικός προϊόντος

Εμπορική ονομασία:

i.26 kitchen polish (Alu-Air)

Μοναδικό κωδικό ταυτοποίησης τύπου (UFI):

8YFR-ND5E-MUMG-2XW1

#### 1.2. Συναφείς προσδιοριζόμενες χρήσεις της ουσίας ή του μείγματος και αντενδεικνυόμενες χρήσεις

Αντίστοιχες εξακριβωμένες χρήσεις της ουσίας ή του μείγματος:

Απορρυπαντικά και καθαριστικά (συμπεριλαμβανομένων των διαλυτικών)  
Μόνο για επαγγελματική χρήση.

Αντενδεικνυόμενες:

καμία γνωστή.

#### 1.3. Στοιχεία του προμηθευτή του δελτίου δεδομένων ασφαλείας

Εταιρεία και διεύθυνση:

**Hygeniq B.V.**

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Ηλεκτρονική διεύθυνση:

info@hygeniq.com

Αναθεώρηση:

26/5/2025

Έκδοση SDS:

1.0

#### 1.4. Αριθμός τηλεφώνου επείγουσας ανάγκης

Τηλ. Κέντρου Δηλητηριάσεων: (+30) 210 7793777 (24ωρο, 7 ημέρες την εβδομάδα) / Email:

poison\_ic@aglaiakyriakou.gr

Δείτε τμήμα 4 "Μέτρα πρώτων βοηθειών"

### ΤΜΗΜΑ 2: ΠΡΟΣΔΙΟΡΙΣΜΌΣ ΕΠΙΚΙΝΔΥΝΌΤΗΤΑΣ

Ταξινομημένη σύμφωνα με τον Κανονισμό (ΕΚ) No. 1272/2008 (CLP)

#### 2.1. Ταξινόμηση της ουσίας ή του μείγματος

Aerosol 3; H229, Δοχείο υπό πίεση. Κατά τη θέρμανση μπορεί να διαρραγεί.

#### 2.2. Στοιχεία ετικέτας

Εικονόγραμμα/εικονογράμματα κινδύνου:

Δεν εφαρμόζεται

Προειδοποιητική λέξη:

**Προσοχή**

**Δήλωση (Δηλώσεις) κινδύνου:**

Δοχείο υπό πίεση. Κατά τη θέρμανση μπορεί να διαρραγεί. (H229)

**Δήλωση/δηλώσεις προφυλάξεων:**

**Γενικά:**

-

**Πρόληψη:**

Μακριά από θερμότητα, θερμές επιφάνειες, σπινθήρες, γυμνή φλόγα και άλλες πηγές ανάφλεξης. Μην καπνίζετε. (P210)

Να μην τρυπηθεί ή καεί ακόμη και μετά τη χρήση. (P251)

**Αντίδραση:**

-

**Αποθήκευση:**

Να προστατεύεται από τις ηλιακές ακτίνες. Να μην εκτίθεται σε θερμοκρασίες που υπερβαίνουν τους 50 °C/122°F. (P410+P412)

**Απόρριψη:**

-

**Ταυτότητα των ουσιών που είναι πρωταρχικά υπεύθυνες για τους μείζονες κινδύνους για την υγεία:**

Δεν περιέχει ουσίες που απαιτείται να αναφερθούν

**Επιπρόσθετος χαρακτηρισμός:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Σήμανση περιεχομένου σύμφωνα με τον κανονισμό περί απορρυπαντικών 648/2004:**

< 5%

- Ανιονικές επιφανειοδραστικές ουσίες
- Μη ιονικές επιφανειοδραστικές ουσίες
- Αρωματικές ουσίες
- Συντηρητικό (PHENOXYETHANOL)

**2.3. Άλλοι κίνδυνοι**

**Επιπρόσθετες προειδοποιήσεις:**

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρείται ότι πληρούν τα κριτήρια ταξινόμησης τους ως ABT και/ή αΑαΒ.

Το προϊόν δεν περιέχει ουσίες που αξιολογούνται ως ενδοκρινικοί διαταράκτες σύμφωνα με τα κριτήρια του κατ' εξουσιοδότηση κανονισμού (ΕΕ) 2017/2100 της Επιτροπής ή του κανονισμού (ΕΕ) 2023/707 της Επιτροπής.

**ΤΜΗΜΑ 3: ΣΥΝΘΕΣΗ/ΠΛΗΡΟΦΟΡΪΕΣ ΓΙΑ ΤΑ ΣΥΣΤΑΤΙΚΑ**

**3.1. Ουσίες**

Δεν εφαρμόζεται. Αυτό το προϊόν είναι ένα μείγμα.

**3.2. Μείγματα**

Όνομα ουσίας	Αναγνωριστικοί κωδικοί	% w/w	Ταξινόμηση	Σημειώσεις
ισοπροπυλική αλκοόλη;ισοπροπανόλη	Αριθ. CAS.: 67-63-0 Αριθ. ΕΚ: 200-661-7 REACH: Αριθ. ευρετηρίου: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
αιθανόλη αιθυλική αλκοόλ	Αριθ. CAS.: 64-17-5 Αριθ. ΕΚ: 200-578-6 REACH: Αριθ. ευρετηρίου: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	

2-φαινοξυαιθανόλ	Αριθ. CAS.: 122-99-6 Αριθ. ΕΚ: 204-589-7 REACH: 01-2119488943-21 Αριθ. ευρετηρίου: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335
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Δείτε το πλήρες κείμενο των Δηλώσεων κινδύνων (H Statements) στο τμήμα 16. Τα όρια έκθεσης στο χώρο εργασίας παρατίθενται στο τμήμα 8, εφόσον είναι διαθέσιμα.

## Άλλες πληροφορίες

## ΤΜΗΜΑ 4: ΜΈΤΡΑ ΠΡΏΤΩΝ ΒΟΗΘΕΪΩΝ

### 4.1. Περιγραφή των μέτρων πρώτων βοηθειών

#### Γενικές πληροφορίες:

Σε περίπτωση ατυχήματος: Επικοινωνήστε με έναν γιατρό ή με τις πρώτες βοήθειες και έχετε μαζί σας την ετικέτα ή αυτό το δελτίο δεδομένων ασφαλείας.  
Επικοινωνήστε με έναν γιατρό εάν έχετε αμφιβολίες για την κατάσταση του τραυματία ή εάν τα συμπτώματα επιμένουν. Μην δίνετε ποτέ νερό ή άλλο υγρό σε αναίσθητο άτομο.

#### Εισπνοή:

Σε περίπτωση δυσκολιών ή ερεθισμών της αναπνευστικής οδού: Μεταφέρετε το επηρεασμένο άτομο στον καθαρό αέρα και παραμείνετε μαζί του/της.

#### Επαφή με το δέρμα:

Αφαιρέστε αμέσως το μολυσμένο ρουχισμό και τα υποδήματα. Βεβαιωθείτε ότι η περιοχή του δέρματος που έχει εκτεθεί στο υλικό, έχει πλυθεί καλά με νερό και σαπούνι. Μπορεί να χρησιμοποιηθεί προϊόν καθαρισμού για το δέρμα. ΜΗΝ χρησιμοποιείτε διαλύτες ή διαλυτικά μέσα.

#### Επαφή με τα μάτια:

ΣΕ ΠΕΡΙΠΤΩΣΗ ΕΠΑΦΗΣ ΜΕ ΤΑ ΜΑΤΙΑ: Ξεπλύνετε τα μάτια με νερό (20-30 °C) για τουλάχιστον 5 λεπτά. Αφαιρέστε τυχόν φακούς επαφής. Ζητήστε ιατρική βοήθεια και συνεχίστε να ξεπλένετε κατά τη μεταφορά.

#### Κατάποση:

Εάν το άτομο έχει τις αισθήσεις του, ξεπλύνετε και καθαρίστε το στόμα με νερό και κρατήστε το άτομο υπό παρακολούθηση. Σε περίπτωση αδιαθεσίας, ζητήστε αμέσως ιατρική συμβουλή και έχετε διαθέσιμο το δελτίο δεδομένων ασφαλείας ή την ετικέτα του προϊόντος. Μην προκαλείτε εμετό, εκτός εάν σας το συστήσει ο γιατρός. Τοποθετήστε το θύμα με τρόπο ώστε το κεφάλι να γέρνει προς τα εμπρός και προς τα κάτω για να αποφύγετε την εισπνοή ή τον πνιγμό από τυχόν εμετό.

#### Εγκαύματα:

Δεν εφαρμόζεται

### 4.2. Σημαντικότερα συμπτώματα και επιδράσεις, άμεσες ή μεταγενέστερες καμία γνωστή.

### 4.3. Ένδειξη οιασδήποτε απαιτούμενης άμεσης ιατρικής φροντίδας και ειδικής θεραπείας

Αντιμετωπίστε συμπτωματικά.

### Ιατρικές πληροφορίες

Έχετε διαθέσιμο το δελτίο δεδομένων ασφαλείας ή την ετικέτα του προϊόντος.

## ΤΜΗΜΑ 5: ΜΈΤΡΑ ΓΙΑ ΤΗΝ ΚΑΤΑΠΟΛΉΜΗΣΗ ΤΗΣ ΠΥΡΚΑΓΪΑΣ

### 5.1. Πυροσβεστικά μέσα

Δεν εφαρμόζεται

### 5.2. Ειδικοί κίνδυνοι που προκύπτουν από την ουσία ή το μείγμα

Δοχείο υπό πίεση. Σε περίπτωση πυρκαγιάς ή θέρμανσης, θα λάβει χώρα αύξηση της πίεσης και ο περιέκτης μπορεί

να εκραγεί.

Η πυρκαγιά θα έχει ως αποτέλεσμα πυκνό καπνό. Η έκθεση σε προϊόντα καύσης μπορεί να βλάψει την υγεία σας. Οι κλειστοί περιέκτες που εκτίθενται στη φωτιά, πρέπει να ψύχονται με νερό. Μην επιτρέπετε στο νερό κατάσβεσης να εισχωρεί στο αποχετευτικό σύστημα και στα κοντινά επιφανειακά νερά.

Εάν το προϊόν εκτεθεί σε υψηλές θερμοκρασίες, όπως π.χ. σε περίπτωση πυρκαγιάς, παράγονται επικίνδυνες ενώσεις αποσύνθεσης. Αυτές είναι:

Οξείδια του άνθρακα (CO / CO<sub>2</sub>).

Μερικά οξείδια μετάλλων.

### 5.3. Συστάσεις για τους πυροσβέστες

Φοράτε αυτόνομη αναπνευστική συσκευή και προστατευτικό ρουχισμό για να αποφύγετε την επαφή. Σε περίπτωση άμεσης έκθεσης επικοινωνήστε με το Εθνικό Κέντρο Δηλητηριάσεων για να λάβετε περαιτέρω συμβουλές.

## ΤΜΗΜΑ 6: ΜΈΤΡΑ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΏΠΙΣΗ ΤΥΧΑΪΑΣ ΈΚΛΥΣΗΣ

### 6.1. Προσωπικές προφυλάξεις, προστατευτικός εξοπλισμός και διαδικασίες έκτακτης ανάγκης

Εξασφαλίστε επαρκή αερισμό, ειδικά σε περιορισμένους χώρους.

Οι μολυσμένες περιοχές μπορεί να είναι ολισθηρές.

### 6.2. Περιβαλλοντικές προφυλάξεις

Αποφύγετε την απόρριψη σε λίμνες, ρυάκια, υπονόμους κλπ.

Κρατήστε τα μη εξουσιοδοτημένα άτομα μακριά από τη στάλαγμα

### 6.3. Μέθοδοι και υλικά για περιορισμό και καθαρισμό

Οι διαρροές περιορίζονται και συλλέγονται με μη εύφλεκτο απορροφητικό υλικό, π.χ. άμμος, χώμα, βεμικουλίτης, γη διατόμων και τοποθετούνται σε δοχείο και απορρίπτονται σύμφωνα με τους ισχύοντες κανονισμούς.

Στο μέτρο του δυνατού, ο καθαρισμός πραγματοποιείται με κανονικά καθαριστικά. Αποφύγετε τη χρήση διαλυτών.

### 6.4. Παραπομπή σε άλλα τμήματα

Δείτε στο τμήμα 13 "Στοιχεία σχετικά με τη διάθεση" όσον αφορά το χειρισμό των αποβλήτων.

Δείτε στο τμήμα 8 «Έλεγχος έκθεσης/ατομική προστασία» για πληροφορίες σχετικά με τα προστατευτικά μέτρα.

## ΤΜΗΜΑ 7: ΧΕΙΡΙΣΜΌΣ ΚΑΙ ΑΠΟΘΉΚΕΥΣΗ

### 7.1. Προφυλάξεις για ασφαλή χειρισμό

Να μην τρυπηθεί ή καεί ακόμη και μετά τη χρήση.

Δεν επιτρέπεται το κάπνισμα, το ποτό και η κατανάλωση φαγητού στον χώρο εργασίας.

Δείτε στο τμήμα 8 «Έλεγχος έκθεσης/ατομική προστασία» για πληροφορίες σχετικά με την προσωπική προστασία.

### 7.2. Συνθήκες για την ασφαλή φύλαξη, συμπεριλαμβανομένων τυχόν ασυμβίβαστων

Φυλάσσεται σε ερμητικά κλειστούς περιέκτες και προστατευμένο από την υγρασία και το φως. Η ημερομηνία ανοίγματος πρέπει να αναγράφεται στους περιέκτες και να διεξάγεται περιοδικός έλεγχος για την παρουσία υπεροξειδίων. Μην υπερβαίνετε τα χρονικά όρια αποθήκευσης.

Τα δοχεία που έχουν ανοιχτεί πρέπει να επανασφραγίζονται προσεκτικά και να διατηρούνται σε όρθια θέση για να αποφευχθεί η διαρροή.

*Απαιτήσεις συσκευασίας:*

Να διατηρείται μόνο στην αρχική συσκευασία.

*Συνθήκες αποθήκευσης:*

Ξηρό, δροσερό και με καλό αερισμό

*Μη συμβατά υλικά:*

Δυνατά οξέα, ισχυρές βάσεις, δυνατά οξειδωτικά μέσα και δυνατοί παράγοντες καταβολισμού.

### 7.3. Ειδική τελική χρήση ή χρήσεις

Αυτό το προϊόν πρέπει να χρησιμοποιείται μόνο για εφαρμογές που αναφέρονται στο τμήμα 1.2.

## ΤΜΗΜΑ 8: ΈΛΕΓΧΟΣ ΤΗΣ ΈΚΘΕΣΗΣ/ΑΤΟΜΙΚΉ ΠΡΟΣΤΑΣΊΑ

### 8.1. Παράμετροι ελέγχου

**Aluminium oxide**

Όριο μακροχρόνιας έκθεσης (8 ώρες) (mg/m<sup>3</sup>): 10 (εισπν.) / 5 (αναπν.)

**ισοπροπυλική αλκοόλη;ισοπροπανόλη**

Όριο μακροχρόνιας έκθεσης (8 ώρες) (ppm): 400

Όριο μακροχρόνιας έκθεσης (8 ώρες) (mg/m<sup>3</sup>): 980

Ανώτατη Οριακή Τιμή έκθεσης (δεκαπεντάλεπτης περιόδου) (ppm): 500

Ανώτατη Οριακή Τιμή έκθεσης (δεκαπεντάλεπτης περιόδου) (mg/m<sup>3</sup>): 1225

**αιθανόλη αιθυλική αλκοόλ**

Όριο μακροχρόνιας έκθεσης (8 ώρες) (ppm): 1000

Όριο μακροχρόνιας έκθεσης (8 ώρες) (mg/m<sup>3</sup>): 1900

ΟΡΙΑΚΕΣ ΤΙΜΕΣ ΕΚΘΕΣΗΣ ΧΗΜΙΚΩΝ ΠΑΡΑΓΟΝΤΩΝ & ΔΕΙΚΤΕΣ ΒΙΟΛΟΓΙΚΗΣ ΕΚΘΕΣΗΣ ΣΕ ΧΗΜΙΚΟΥΣ ΠΑΡΑΓΟΝΤΕΣ 2019 (Ελληνική νομοθεσία).

**DNEL (Παράγωγο επίπεδο χωρίς επιπτώσεις)**

**2-φαινοξυαιθανόλ**

Διάρκεια:	Οδός έκθεσης:	DNEL:
Μακροπρόθεσμα - Συστημικές επιδράσεις	Δερματική	10,42 mg/kg
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Δερματική	20,83 mg/kg
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Δερματική	34,72 mg/kg/ημέρα
Μακροπρόθεσμα - Συστημικές επιδράσεις	Εισπνοή	2,41 mg/m <sup>3</sup>
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Εισπνοή	5,7 mg/m <sup>3</sup>
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Εισπνοή	8,07 mg/m <sup>3</sup>
Μακροπρόθεσμα - Τοπικές επιδράσεις - Υπάλληλοι	Εισπνοή	5,7 mg/m <sup>3</sup>
Μακροπρόθεσμα	Στοματική	9,23 mg/kg

**αιθανόλη αιθυλική αλκοόλ**

Διάρκεια:	Οδός έκθεσης:	DNEL:
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Δερματική	206 mg/kg/ημέρα
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Δερματική	343 mg/kg/ημέρα
Βραχυπρόθεσμα - Τοπικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	950 mg/m <sup>3</sup>
Βραχυπρόθεσμα - Τοπικές επιδράσεις - Υπάλληλοι	Εισπνοή	1900 mg/m <sup>3</sup>
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	114 mg/m <sup>3</sup>
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Εισπνοή	380 mg/m <sup>3</sup>
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Στοματική	87 mg/kg/ημέρα

**ισοπροπυλική αλκοόλη;ισοπροπανόλη**

Διάρκεια:	Οδός έκθεσης:	DNEL:
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Δερματική	319 mg/kg
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Δερματική	888 mg/m <sup>3</sup>
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	89 mg/m <sup>3</sup>
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	89 mg/m <sup>3</sup>
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Εισπνοή	500 mg/m <sup>3</sup>
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Στοματική	26 mg/kg

**PNEC (Προβλεπόμενη συγκέντρωση χωρίς επιπτώσεις)**

**2-φαινοξυαιθανόλ**

Οδός έκθεσης:	Διάρκεια Έκθεσης:	PNEC:
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Γλυκό νερό		0,943 mg/L
Θαλασσινό νερό		0.0943 mg/L
Ίζημα γλυκού νερού		7.2366 mg/kg
Ίζημα θαλασσινού νερού		0,7237 mg/kg
Σταθμός Ενεργού Ιλύος		24,8 mg/L
Σταθμός Ενεργού Ιλύος	Μεμονωμένη	36 mg/L
Χώμα		1,26 mg/kg

#### αιθανόλη αιθυλική αλκοόλ

Οδός έκθεσης:	Διάρκεια Έκθεσης:	PNEC:
Αρπακτικά		380-720 mg/kg
Γλυκό νερό		960 µg/L
Θαλασσινό νερό		790 µg/L
Ίζημα γλυκού νερού		3,6 mg/kg
Ίζημα θαλασσινού νερού		2,9 mg/kg
Περιοδική απελευθέρωση (Γλυκό νερό)		2,75 mg/L
Σταθμός Ενεργού Ιλύος		580 mg/L
Χώμα		630 µg/kg

#### ισοπροπυλική αλκοόλη;ισοπροπανόλη

Οδός έκθεσης:	Διάρκεια Έκθεσης:	PNEC:
Γλυκό νερό		140,9 mg/L
Θαλασσινό νερό		140,9 mg/L
Ίζημα γλυκού νερού		552 mg/kg
Ίζημα θαλασσινού νερού		552 mg/kg
Περιοδική απελευθέρωση		140,9 mg/L
Σταθμός Ενεργού Ιλύος		2251 mg/L
Χώμα		28 mg/kg

## 8.2. Έλεγχοι έκθεσης

Η συμμόρφωση με τις ισχύουσες οριακές τιμές επαγγελματικής έκθεσης θα πρέπει να ελέγχεται σε τακτική βάση.

#### Γενικές συστάσεις:

Δεν επιτρέπεται το κάπνισμα, το ποτό και η κατανάλωση φαγητού στον χώρο εργασίας.

#### Σενάρια έκθεσης:

Δεν εφαρμόζονται τα σενάρια έκθεσης για αυτό το προϊόν.

#### Ορια έκθεσης:

Οι επαγγελματίες χρήστες υπόκεινται στις νομικά καθορισμένες μέγιστες συγκεντρώσεις επαγγελματικής έκθεσης. Δείτε παραπάνω τις οριακές τιμές υγιεινής της εργασίας.

#### Κατάλληλα τεχνικά μέτρα:

Ο σχηματισμός ατμών πρέπει να διατηρείται στο ελάχιστο και κάτω από τις ισχύουσες οριακές τιμές (βλ. παραπάνω). Συνιστάται η εγκατάσταση τοπικού συστήματος εξάτμισης εάν η κανονική ροή αέρα στο χώρο εργασίας δεν είναι επαρκής. Βεβαιωθείτε ότι το πλύσιμο ματιών έκτακτης ανάγκης και τα ντους είναι ευδιάκριτα. Εφαρμόστε τυπικές προφυλάξεις κατά τη χρήση του προϊόντος. Αποφύγετε την εισπνοή ατμών.

#### Μέτρα υγιεινής:

Μετά από τη χρήση του προϊόντος και στο τέλος της εργάσιμης ημέρας, όλες οι εκτεθειμένες περιοχές του σώματος πρέπει να πλένονται σχολαστικά. Να δίνετε ιδιαίτερη προσοχή στα χέρια, τους αντιβραχίονες και το πρόσωπο.

#### Μέτρα προς αποφυγή περιβαλλοντικής έκθεσης:

Δεν υπάρχουν συγκεκριμένες απαιτήσεις

### Ξεχωριστά μέτρα προστασίας όπως ατομικός προστατευτικός εξοπλισμός

Γενικά:

Χρησιμοποιείτε μόνο προστατευτικό εξοπλισμό με σήμανση CE.

Αναπνευστική συσκευή:

Τύπος	Κατηγορία	Χρώμα	Πρότυπα	
Τίποτα το ιδιαίτερο, όταν χρησιμοποιείται όπως ενδείκνυται.				

Προστασία του δέρματος:

Συστήνεται	Τύπου/Κατηγορίας	Πρότυπα	
Τίποτα το ιδιαίτερο, όταν χρησιμοποιείται όπως ενδείκνυται	-	-	

Προστασία των χεριών:

Κατάσταση εργασίας	Υλικό γαντιών	Πάχος γαντιών (mm)	χρόνοι αντοχής (λεπτά)	Πρότυπα	
	Τίποτα το ιδιαίτερο, όταν χρησιμοποιείται όπως ενδείκνυται	-	-	-	
Σε περίπτωση παρατεταμένης έκθεσης ή υψηλών συγκεντρώσεων	βαμβάκι / Ελαστικό νιτριλίου	-	> 240	EN374-2, EN16523-1, EN388	

Προστασία για τα μάτια:

Τύπος	Πρότυπα	
Τίποτα το ιδιαίτερο, όταν χρησιμοποιείται όπως ενδείκνυται.	-	

## ΤΜΗΜΑ 9: ΦΥΣΙΚΈΣ ΚΑΙ ΧΗΜΙΚΈΣ ΙΔΙΌΤΗΤΕΣ

### 9.1. Στοιχεία για τις βασικές φυσικές και χημικές ιδιότητες

Φυσική κατάσταση:

Υγρό

Χρώμα:

Λευκό

Οσμή / Όριο οσμής (ppm):

Από άρωμα

pH:

ca. 9

Πυκνότητα (g/cm<sup>3</sup>):

1,06 (20 °C)

Κινηματικό ιξώδες:

Δεν υπάρχουν διαθέσιμα δεδομένα.

Δυναμικό ιξώδες:

ca 1000 mPa.s (20 °C)

Χαρακτηριστικά σωματιδίων:

Δεν εφαρμόζεται για υγρά.

### Αλλαγές φάσης

*Σημείο τήξεως/σημείο πήξεως (°C):*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

*Σημείο/εύρος μαλάκυνσης (°C):*  
Δεν εφαρμόζεται για υγρά.

*Σημείο βρασμού (°C):*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

*Πίεση ατμού:*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

*Σχετική πυκνότητα ατμών :*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

*Θερμοκρασία αποσύνθεσης (°C):*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

#### **Δεδομένα για τους κινδύνους πυρκαγιάς και έκρηξης**

*Σημείο ανάφλεξης (°C):*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

*Ευφλεκτότητα (°C):*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

*Θερμοκρασία αυτανάφλεξης (°C):*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

*Όρια αναφλεξιμότητας (% v/v):*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

#### **Διαλυτότητα**

*Διαλυτότητα στο νερό:*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

*Συντελεστής κατανομής σε n-οκτανόλη/νερό (LogKow):*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

*Διαλυτότητα στο λίπος (g/L):*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

#### **9.2. Άλλες πληροφορίες**

*Άλλες φυσικές και χημικές παράμετροι:*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

*Ιδιότητες οξειδωσης:*  
Δεν υπάρχουν διαθέσιμα δεδομένα.

## **ΤΜΗΜΑ 10: ΣΤΑΘΕΡΌΤΗΤΑ ΚΑΙ ΑΝΤΙΔΡΑΣΤΙΚΌΤΗΤΑ**

#### **10.1. Δραστικότητα**

Δεν υπάρχουν διαθέσιμα δεδομένα.

#### **10.2. Χημική σταθερότητα**

Το προϊόν είναι σταθερό υπό τις συνθήκες που αναφέρονται στο τμήμα 7 «Χειρισμός και αποθήκευση».

#### **10.3. Πιθανότητα επικίνδυνων αντιδράσεων**

καμία γνωστή.

#### **10.4. Συνθήκες προς αποφυγήν**

καμία γνωστή.

#### **10.5. Μη συμβατά υλικά**

Δυνατά οξέα, ισχυρές βάσεις, δυνατά οξειδωτικά μέσα και δυνατοί παράγοντες καταβολισμού.

#### **10.6. Επικίνδυνα προϊόντα αποσύνθεσης**

Υπό κανονικές συνθήκες αποθήκευσης και χρήσης, δεν θα πρέπει να παράγονται επικίνδυνα προϊόντα αποσύνθεσης.

## ΤΜΗΜΑ 11: ΤΟΞΙΚΟΛΟΓΙΚΈΣ ΠΛΗΡΟΦΟΡΊΕΣ

### 11.1. Πληροφορίες για τις τάξεις κινδύνου, όπως ορίζονται στον κανονισμό (ΕΚ) αριθ. 1272/2008

#### Οξεία τοξικότητα

Όνομα ουσίας	Aluminium oxide
Είδος:	Επίμυς
Οδός έκθεσης:	Εισπνοή
Έλεγχος:	LC50
Αποτέλεσμα:	> 5 mg/L

Όνομα ουσίας	Aluminium oxide
Είδος:	Επίμυς
Οδός έκθεσης:	Στοματική
Αποτέλεσμα:	> 5000 mg/kg

Όνομα ουσίας	ισοπροπυλική αλκοόλη;ισοπροπανόλη
Είδος:	Επίμυς
Οδός έκθεσης:	Στοματική
Έλεγχος:	LD50
Αποτέλεσμα:	>2000 mg/kg

Όνομα ουσίας	ισοπροπυλική αλκοόλη;ισοπροπανόλη
Είδος:	Κουνέλι
Οδός έκθεσης:	Δερματική
Έλεγχος:	LD50
Αποτέλεσμα:	>2000 mg/kg

Όνομα ουσίας	ισοπροπυλική αλκοόλη;ισοπροπανόλη
Είδος:	Επίμυς
Οδός έκθεσης:	Εισπνοή
Έλεγχος:	LC50
Αποτέλεσμα:	>20

Όνομα ουσίας	ισοπροπυλική αλκοόλη;ισοπροπανόλη
Οδός έκθεσης:	Στοματική
Έλεγχος:	LD50
Αποτέλεσμα:	5849 mg/kg

Όνομα ουσίας	ισοπροπυλική αλκοόλη;ισοπροπανόλη
Είδος:	Επίμυς
Οδός έκθεσης:	Στοματική
Έλεγχος:	LD50
Αποτέλεσμα:	5840 mg/kg

Όνομα ουσίας	ισοπροπυλική αλκοόλη;ισοπροπανόλη
Είδος:	Κουνέλι
Οδός έκθεσης:	Δερματική
Έλεγχος:	LD50
Αποτέλεσμα:	12800 mg/kg

Όνομα ουσίας	ισοπροπυλική αλκοόλη;ισοπροπανόλη
Οδός έκθεσης:	Εισπνοή
Έλεγχος:	LC50
Αποτέλεσμα:	301002 mg/L

Όνομα ουσίας	2-φαινοξυαιθανόλ
Είδος:	Επίμυς
Οδός έκθεσης:	Στοματική

Έλεγχος: LD50  
Αποτέλεσμα: 1840 mg/kg

Όνομα ουσίας: 2-φαινοξυαιθανόλ  
Είδος: Κουνέλι  
Οδός έκθεσης: Δερματική  
Αποτέλεσμα: >5000 mg/kg

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

#### **Διάβρωση και ερεθισμός του δέρματος\***

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
Μέθοδος ελέγχου: ΟΟΣΑ 404  
Είδος: Κουνέλι  
Διάρκεια: 4 hours

Όνομα ουσίας: 2-φαινοξυαιθανόλ  
Αποτέλεσμα: Παρατηρήθηκαν δυσμενείς επιπτώσεις (Διάβρωση)

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

#### **Σοβαρή βλάβη/ερεθισμός των ματιών\***

Όνομα ουσίας: Aluminium oxide

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
Είδος: Κουνέλι  
Αποτέλεσμα: Παρατηρήθηκαν δυσμενείς επιπτώσεις (Ερεθισμός)

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
Μέθοδος ελέγχου: ΟΟΣΑ 405  
Είδος: Κουνέλι  
Αποτέλεσμα: Παρατηρήθηκαν δυσμενείς επιπτώσεις (Προκαλεί σοβαρή οφθαλμική βλάβη)

Όνομα ουσίας: 2-φαινοξυαιθανόλ  
Αποτέλεσμα: Παρατηρήθηκαν δυσμενείς επιπτώσεις (Προκαλεί σοβαρή οφθαλμική βλάβη)

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

#### **Ευαισθητοποίηση του αναπνευστικού**

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
Μέθοδος ελέγχου: ΟΟΣΑ 406  
Είδος: Ινδικό χοιρίδιο  
Αποτέλεσμα: Δεν παρατηρήθηκαν δυσμενείς επιπτώσεις (Δεν Μη )

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

#### **Ευαισθητοποίηση του δέρματος**

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
Είδος: Ινδικό χοιρίδιο  
Αποτέλεσμα: Δεν παρατηρήθηκαν δυσμενείς επιπτώσεις (Δεν Μη )

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

#### **Μεταλλαξιγένεση γεννητικών κυττάρων\***

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
Συμπέρασμα: Δεν παρατηρήθηκαν δυσμενείς επιπτώσεις

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

#### **Καρκινογένεση\***

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

#### **Τοξικότητα για την αναπαραγωγή\***

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

#### **STOT-εφάπαξ έκθεση\***

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
Οδός έκθεσης: Στοματική

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

**STOT-επανεξιλημμένη έκθεση\***

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

**τοξικότητα αναρρόφησης**

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

**11.2. Πληροφορίες για άλλους τύπους επικινδυνότητας**

**Μακροπρόθεσμες επιπτώσεις**

καμία γνωστή.

**Ιδιότητες ενδοκρινικής διαταραχής**

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρούνται ότι έχουν ιδιότητες που διαταράσσουν τις ορμόνες σε σχέση με την υγεία.

**Άλλες πληροφορίες**

ισοπροπυλική αλκοόλη;ισοπροπανόλη: Η ουσία έχει ταξινομηθεί στην ομάδα 3 από την IARC.

**ΤΜΗΜΑ 12: ΟΙΚΟΛΟΓΙΚΈΣ ΠΛΗΡΟΦΟΡΊΕΣ**

**12.1. Τοξικότητα**

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
Είδος: Ψάρι, Goudwinde (*Leuciscus idus*)  
Διάρκεια: 48 Ώρες  
Έλεγχος: LC50  
Αποτέλεσμα: >100 mg/L

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
Είδος: Καρκινοειδή, *Daphnia magna*  
Διάρκεια: 48 Ώρες  
Έλεγχος: EC50  
Αποτέλεσμα: >100 mg/L

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
Είδος: Φύκη, *Scenedesmus subspicatus*  
Διάρκεια: 72 Ώρες  
Έλεγχος: EC50  
Αποτέλεσμα: >100 mg/L

Όνομα ουσίας: 2-φαινοξυαιθανόλ  
Είδος: Ψάρι  
Διάρκεια: 96 Ώρες  
Έλεγχος: LC50  
Αποτέλεσμα: >100 mg/L

Όνομα ουσίας: 2-φαινοξυαιθανόλ  
Είδος: Φύκη  
Διάρκεια: 72 Ώρες  
Έλεγχος: ErC50  
Αποτέλεσμα: >100 mg/L

Όνομα ουσίας: 2-φαινοξυαιθανόλ  
Είδος: *Daphnia magna*  
Διάρκεια: 48 Ώρες  
Έλεγχος: EC50  
Αποτέλεσμα: >100 mg/L

Όνομα ουσίας: 2-φαινοξυαιθανόλ  
Είδος: Ψάρι  
Έλεγχος: NOEC

Αποτέλεσμα: 23 mg/L

Όνομα ουσίας: 2-φαινοξυαιθανόλ  
Είδος: Andere waterorganismen  
Διάρκεια: 30 minutes  
Έλεγχος: EC50  
Αποτέλεσμα: >1000 mg/L

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

### 12.2. Ανθεκτικότητα και ικανότητα αποικοδόμησης

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
Αποτέλεσμα: 95%  
Συμπέρασμα: Άμεση βιοαποδομησιμότητα  
Έλεγχος: ΟΟΣΑ 301 E

Όνομα ουσίας: 2-φαινοξυαιθανόλ  
Αποτέλεσμα: >70  
Συμπέρασμα: Άμεση βιοαποδομησιμότητα  
Έλεγχος: ΟΟΣΑ 301 A

### 12.3. Δυνατότητα βιοσυσσώρευσης

Όνομα ουσίας: ισοπροπυλική αλκοόλη;ισοπροπανόλη  
ΣΒΣ: <100  
LogKow: <3  
Συμπέρασμα: -

Όνομα ουσίας: 2-φαινοξυαιθανόλ  
ΣΒΣ: 0.349  
LogKow: 1.2  
Συμπέρασμα: -

### 12.4. Κινητικότητα στο έδαφος

Δεν υπάρχουν διαθέσιμα δεδομένα.

### 12.5. Αποτελέσματα της αξιολόγησης ABT και αΑαB

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρείται ότι πληρούν τα κριτήρια ταξινόμησης τους ως ABT και/ή αΑαB.

### 12.6. Ιδιότητες ενδοκρινικής διαταραχής

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρούνται ότι έχουν ιδιότητες ενδοκρινικής διαταραχής σε σχέση με το περιβάλλον.

### 12.7. Άλλες αρνητικές επιπτώσεις

καμία γνωστή.

## ΤΜΗΜΑ 13: ΣΤΟΙΧΕΪΑ ΣΧΕΤΙΚΆ ΜΕ ΤΗ ΔΊΑΘΕΣΗ

### 13.1. Μέθοδοι διαχείρισης αποβλήτων

Το προϊόν δεν καλύπτεται από κανονισμούς για επικίνδυνα απόβλητα.  
Κανονισμός (ΕΕ) αριθ. 1357/2014 ΤΗΣ ΕΠΙΤΡΟΠΗΣ της 18ης Δεκεμβρίου 2014 για τα απόβλητα.

Κωδικός ΕΚΑ:  
20 01 30 απορρυπαντικά άλλα από τα αναφερόμενα στο σημείο 20 01 29

### Μολυσμένη συσκευασία

Συσκευασίες που περιέχουν υπολείμματα από το προϊόν πρέπει να διατίθενται με τον ίδιο τρόπο όπως το προϊόν.

## ΤΜΗΜΑ 14: ΠΛΗΡΟΦΟΡΪΕΣ ΣΧΕΤΙΚΆ ΜΕ ΤΗ ΜΕΤΑΦΟΡΆ

	14.1 UN No	14.2 Κατάλληλη ονομασία αποστολής	14.3 Κλάση(εις) κινδύνου	14.4 PG*	14.5. Επν**	Άλλες πληροφορίες:
ADR	1950	AEROSOLS	Κλάση: 2 Ετικέτες: 2.2 Κωδικός Ταξινόμησης: 5A	-	Όχι	Περιορισμένες ποσότητες: 1 L Κατηγορία μεταφοράς: 3 (E) Βλέπε παρακάτω για πρόσθετες πληροφορίες.
IMDG	1950	AEROSOLS	Κλάση: 2 Ετικέτες: 2.2 Κωδικός Ταξινόμησης: 5A	-	Όχι	Περιορισμένες ποσότητες: 1 L EmS: F-D S-U Βλέπε παρακάτω για πρόσθετες πληροφορίες.
IATA	1950	AEROSOLS	Κλάση: 2 Ετικέτες: 2.2 Κωδικός Ταξινόμησης: 5A	-	Όχι	Βλέπε παρακάτω για πρόσθετες πληροφορίες.

\* Ομάδα συσκευασίας

\*\* Περιβαλλοντικοί κίνδυνοι

#### Επιπρόσθετες πληροφορίες

Αυτό το προϊόν εμπίπτει στο πεδίο εφαρμογής των κανονισμών μεταφοράς επικίνδυνων εμπορευμάτων. ADR / Βλ. Πίνακα Α, Ενότητα 3.2.1 για οποιαδήποτε πληροφορία σχετικά με ειδικές διατάξεις, απαιτήσεις ή προειδοποιήσεις σε σχέση με τη μεταφορά. Βλέπε ενότητα 5.4.3, για γραπτές οδηγίες σχετικά με τον μετριασμό των ζημιών σε σχέση με περιστατικά ή ατυχήματα κατά τη μεταφορά.

IMDG / Βλ. Ενότητα 3.2.1 για οποιαδήποτε πληροφορία σχετικά με ειδικές διατάξεις, απαιτήσεις ή προειδοποιήσεις σε σχέση με τη μεταφορά.

IATA / Βλ. Πίνακα 4.2 για οποιαδήποτε πληροφορία σχετικά με ειδικές διατάξεις, απαιτήσεις ή προειδοποιήσεις σε σχέση με τη μεταφορά.

#### 14.6. Ειδικές προφυλάξεις για τον χρήστη

Δεν εφαρμόζεται

#### 14.7. Θαλάσσιες μεταφορές χύδην σύμφωνα με τις πράξεις του IMO

Δεν υπάρχουν διαθέσιμα δεδομένα.

## ΤΜΗΜΑ 15: ΣΤΟΙΧΕΪΑ ΝΟΜΟΘΕΤΙΚΟΎ ΧΑΡΑΚΤΗΡΑ

### 15.1. Κανονισμοί/νομοθεσία σχετικά με την ασφάλεια, την υγεία και το περιβάλλον για την ουσία ή το μείγμα

*Περιορισμοί στην εφαρμογή:*

Μόνο για επαγγελματική χρήση.

*Απαιτήσεις για συγκεκριμένη εκπαίδευση:*

Δεν υπάρχουν συγκεκριμένες απαιτήσεις

*SEVESO - ΚΑΤΗΓΟΡΙΕΣ ΚΙΝΔΥΝΟΥ / ΚΑΤΟΝΟΜΑΖΟΜΕΝΕΣ ΕΠΙΚΙΝΔΥΝΕΣ ΟΥΣΙΕΣ:*

Δεν εφαρμόζεται

*REACH, παράρτημα XVII:*

ισοπροπυλική αλκοόλη;ισοπροπανόλη. Η χημική ουσία υπόκειται στους περιορισμούς του κανονισμού REACH (Αριθ. εγγραφής 40).

αιθανόλη αιθυλική αλκοόλ. Η χημική ουσία υπόκειται στους περιορισμούς του κανονισμού REACH (Αριθ. εγγραφής 40).

*Σήμανση περιεχομένου σύμφωνα με τον κανονισμό περί απορρυπαντικών 648/2004:*

< 5%

- Ανιονικές επιφανειοδραστικές ουσίες
- Μη ιονικές επιφανειοδραστικές ουσίες
- Αρωματικές ουσίες
- Συντηρητικό (PHENOXYETHANOL)

*Επιπρόσθετες πληροφορίες:*

Δεν εφαρμόζεται

*Πηγές:*

ΠΡΟΕΔΡΙΚΟ ΔΙΑΤΑΓΜΑ ΥΠ'ΑΡΙΘΜ. 176/1997 της ασφάλειας και της υγείας κατά την εργασία των εγκύων λεχώνων και γαλουχουσών εργαζομένων.

Κανονισμός (ΕΚ) αριθ. 648/2004 του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου, της 31ης Μαρτίου 2004, σχετικά με τα απορρυπαντικά.

Κανονισμός (ΕΕ) αριθ. 1357/2014 ΤΗΣ ΕΠΙΤΡΟΠΗΣ της 18ης Δεκεμβρίου 2014 για τα απόβλητα.

Κανονισμός (ΕΚ) αριθ. 1272/2008 του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου, της 16ης Δεκεμβρίου 2008, για την ταξινόμηση, την επισήμανση και τη συσκευασία των ουσιών και των μειγμάτων (CLP).

Κανονισμός (ΕΚ) αριθ. 1907/2006 του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου, της 18ης Δεκεμβρίου 2006, για την καταχώριση, την αξιολόγηση, την αδειοδότηση και τους περιορισμούς των χημικών προϊόντων (REACH).

### 15.2. Αξιολόγηση χημικής ασφάλειας

Όχι

## ΤΜΗΜΑ 16: ΆΛΛΕΣ ΠΛΗΡΟΦΟΡΪΕΣ

### Πλήρες κείμενο των Δηλώσεων κινδύνων (H Statements) όπως αναφέρεται στο τμήμα 3

H225, Υγρό και ατμοί πολύ εύφλεκτα.

H302, Επιβλαβές σε περίπτωση κατάποσης.

H318, Προκαλεί σοβαρή οφθαλμική βλάβη.

H319, Προκαλεί σοβαρό οφθαλμικό ερεθισμό.

H335, Μπορεί να προκαλέσει ερεθισμό της αναπνευστικής οδού.

H336, Μπορεί να προκαλέσει υπνηλία ή ζάλη.

### Συντομογραφίες και αρκτικόλεξα

ADN = Ευρωπαϊκή Συμφωνία σχετικά με τις Διεθνείς Μεταφορές Επικίνδυνων Εμπορευμάτων μέσω της Εσωτερικής Ναυσιπλοΐας

ADR = Η Ευρωπαϊκή Συμφωνία Ευρωπαϊκή Συμφωνία για τις Διεθνείς Οδικές Μεταφορές Επικίνδυνων Εμπορευμάτων

ATE = Εκτίμηση της οξειάς τοξικότητας

BCF = Συντελεστής βιοσυγκέντρωσης

CAS = Υπηρεσία Χημικής Ταυτοποίησης

CE = Ευρωπαϊκή Συμμόρφωση

CLP = Κανονισμός για την Ταξινόμηση, Επισήμανση και Συσκευασία [Κανονισμός (ΕΚ) υπ' αριθ. 1272/2008]

CSA = Αξιολόγηση Χημικής Ασφάλειας  
CSR = Αναφορά Χημικής Ασφάλειας  
DMEL = Παράγωγο Επίπεδο με Ελάχιστες Επιπτώσεις  
DNEL = Παράγωγο Επίπεδο Χωρίς Επιπτώσεις  
EINECS = Ευρωπαϊκός Κατάλογος των Υφιστάμενων Εμπορικών Χημικών Ουσιών  
EKA = Ευρωπαϊκός Κατάλογος Αποβλήτων  
ES = Σενάριο Έκθεσης  
Δήλωση EUH = Ειδική Δήλωση κινδύνου του CLP  
ΔΥΠ (GWP) = Δυναμικό υπερθέρμανσης του πλανήτη»  
EuPCS = Ευρωπαϊκό σύστημα κατηγοριοποίησης προϊόντων  
GHS = Το δυναμικό υπερθέρμανσης του πλανήτη  
IATA = Διεθνής Ένωση Αερομεταφορών  
IBC = Εμπορευματοκιβώτιο Μεσαίας Χωρητικότητας Χύδην Φορτίου  
IMDG = Διεθνής Ναυτιλιακός Κώδικας Επικίνδυνων Εμπορευμάτων  
LogPow = Λογάριθμος του συντελεστή κατανομής οκτανόλης/νερού  
MARPOL 73/78 = Διεθνής Σύμβαση για την Πρόληψη της Ρύπανσης από τα Πλοία, 1973 όπως τροποποιήθηκε από το Πρωτόκολλο 1978. ("Marpol" = θαλάσσια ρύπανση)  
ΟΟΣΑ = Οργανισμός για Οικονομική Συνεργασία και Ανάπτυξη  
PBT (ABT) = Ανθεκτικά, Βιοσυσσωρεύσιμα και Τοξικά  
PNEC = Προβλεπόμενη Συγκέντρωση Χωρίς Επιπτώσεις  
RID = Κανονισμοί για τις Διεθνείς Σιδηροδρομικές Μεταφορές Επικίνδυνων Εμπορευμάτων  
RRN = Αριθμός Καταχώρισης REACH  
SCL = Ειδικό Όριο Συγκέντρωσης  
SVHC = Ουσίες που Προκαλούν Πολύ Μεγάλη Ανησυχία  
STOT-RE = Ειδική τοξικότητα οργάνου-στόχου - Επανειλημμένη έκθεση  
STOT-SE = Ειδική τοξικότητα οργάνου-στόχου - Μοναδική έκθεση  
TWA = Μέση χρονικά σταθμισμένη  
UVCB = Ουσίες άγνωστης ή ασταθούς σύνθεσης, προϊόντα πολύπλοκων αντιδράσεων ή βιολογικά υλικά  
ΠΟΕ = Πτητικές Οργανικές Ενώσεις  
αΑαΒ = άκρως Ανθεκτικά και άκρως Βιοσυσσωρεύσιμα

#### **Επιπρόσθετες πληροφορίες**

Δεν εφαρμόζεται

#### **Το φυλλάδιο δεδομένων ασφαλείας επικυρώνεται από**

Quality & Compliance

#### **Άλλα**

Μια αλλαγή (αναφορικά με την τελευταία σημαντική αλλαγή) επισημαίνεται με ένα τρίγωνο.

Οι πληροφορίες σε αυτό το δελτίο δεδομένων ασφαλείας ισχύουν μόνο για το συγκεκριμένο προϊόν (αναφέρεται στην ενότητα 1) και δεν είναι απαραίτητα σωστές για χρήση με άλλα χημικά/προϊόντα.

Συνιστάται να παραδώσετε αυτό το δελτίο δεδομένων ασφαλείας στον ίδιο τον χρήστη του προϊόντος. Οι πληροφορίες σε αυτό το δελτίο δεδομένων ασφαλείας δεν μπορούν να χρησιμοποιηθούν ως προδιαγραφές προϊόντος.

Χώρα-γλώσσα: GR-el

## SIGURNOSNO-TEHNIČKOG LISTA

# i.26 kitchen polish (Alu-Air)

## ODJELJAK 1.: IDENTIFIKACIJA TVARI/SMJESE I PODACI O TVRTKI/PODUZECU

### 1.1. Identifikacijska oznaka proizvoda

*Tržišni naziv:*

i.26 kitchen polish (Alu-Air)

*Jedinstveni identifikator formule (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Relevantne identificirane uporabe tvari ili smjese i uporabe koje se ne preporučuju

*Relevantne identificirane namjene tvari ili smjese:*

Deterdženti i sredstva za čišćenje (uključujući one na bazi otapala)  
Samo za profesionalne korisnike.

*Namjene koje se ne preporučuju:*

Nitko poznat.

### 1.3. Podaci o dobavljaču koji isporučuje sigurnosno-tehnički list

*Kompanija i adresa:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*Izmjena:*

26. 05. 2025.

*SDS inacija:*

1.0

### 1.4. Broj telefona za izvanredna stanja

CKO - Centar za kontrolu otrovanja, TEL: +3851 2348 342

Pogledajte Odjeljak 4: "Mjere prve pomoći"

## ODJELJAK 2.: IDENTIFIKACIJA OPASNOSTI

Klasifikovano prema Uredbi (EC) br. 1272/2008 (CLP).

### 2.1. Razvrstavanje tvari ili smjese

Aerosol 3; H229, Spremnik pod tlakom: može se rasprsnuti ako se grije.

### 2.2. Elementi označivanja

*Piktogrami opasnosti:*

Nije primjenljivo.

*Oznaka opasnosti:*

Upozorenje

**Oznake upozorenja:**

Spremnik pod tlakom: može se rasprsnuti ako se grije. (H229)

**Oznake obavijesti:**

**Opcenito:**

-

**Sprječavanje:**

Čuvati odvojeno od topline, vrućih površina, iskri, otvorenih plamena i ostalih izvora paljenja. Ne pušiti. (P210)  
Ne bušiti, niti paliti. Čak niti nakon uporabe. (P251)

**Reakcija:**

-

**Postupanje:**

Zaštititi od sunčevog svjetla. Ne izlagati temperaturi višoj od 50 °C/122 °F. (P410+P412)

**Odlaganje:**

-

**Identifikacija tvari koje su primarno odgovorne za veće opasnosti po zdravlje:**

Ne sadrži tvari potrebne za prijaviti

**Dodatno označavanje:**

UFI: 8YFR-ND5E-MUMG-2XW1

**Označavanje sadržaja prema Pravilniku o deterdžentima 648/2004:**

< 5%

- Anionski surfaktanti
- Neionski surfaktanti
- Mirisi
- Konzervansa (PHENOXYETHANOL)

### 2.3. Ostale opasnosti

**Dodatna upozorenja:**

Ova mješavina/proizvod ne sadrži nikakve tvari za koje se smatra da ispunjavaju kriterije po kojima ih se klasificira kao PBT i/ili vPvB.

Ovaj proizvod ne sadrži nikakve tvari koje se smatraju endokrinim disruptorima u skladu s kriterijima navedenim u Delegiranoj uredbi Komisije (EU) 2017/2100 ili Uredbi Komisije (EU) 2023/707.

## ODJELJAK 3.: SASTAV/INFORMACIJE O SASTOJECIMA

### 3.1. Tvari

Nije primjenljivo. Ovaj proizvod je mješavina.

### 3.2. Smjese

Proizvod/sastojak	Identifikacijske oznake	% w/w	Razvrstavanje	Nazna ke
izopropil-alkohol	CAS br.: 67-63-0 EZ br.: 200-661-7 REACH: Indeksni br.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
etanol;etil-alkohol	CAS br.: 64-17-5 EZ br.: 200-578-6 REACH: Indeksni br.: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoksietanol	CAS br.: 122-99-6 EZ br.: 204-589-7 REACH: 01-2119488943-21	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318	

	Indeksni br.: 603-098-00-9		STOT SE 3, H335	
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Pogledajte puni tekst H-fraza u odjeljak 16. Ograničenja vezana uz izlaganja na radnom mjestu navedena su u odjeljak 8, ako su dostupna.

#### Ostale informacije

-

## ODJELJAK 4.: MJERE PRVE POMOCI

### 4.1. Opis mjera prve pomoci

#### Opće informacije:

U slučaju nezgode: Kontaktirajte liječnika ili službu za zbrinjavanje unesrećenih, a sa sobom ponesite etiketu s proizvoda ili ovaj sigurnosno-tehnički list.

Kontaktirajte liječnika ako niste sigurni kakvo je stanje izložene osobe ili ako ne dođe do povlačenja simptoma. Osobi koja nije pri svijesti nikada nemojte davati da pije vodu ili nešto slično.

#### Udisanje:

Nakon poteškoća u disanju ili iritacija dišnih putova: Osobu izvedite na svjež zrak i ostanite uz nju.

#### Kontakt s kožom:

Odmah skinite kontaminiranu odjeću i obuću. Koža koja je došla u kontakt s materijalom mora se dobro oprati vodom i sapunom. Mogu se koristiti sredstva za čišćenje kože. NEMOJTE koristiti otapala ili razrjeđivače.

#### Kontakt s očima:

U slučaju dodira s očima: Oči ispirajte vodom ili fiziološkom otopinom (20-30 °C) tijekom najmanje 5 minuta. Izvadite kontaktne leće. Potražite medicinsku pomoć, a tijekom transporta nastavite ispiranje.

#### Gutanje:

Ako je osoba pri svijesti, isprati usta vodom i ostati uz osobu. Ako se osoba počne osjećati loše, smjesta kontaktirajte liječnika, a sa sobom ponesite ovaj sigurnosno-tehnički list ili etiketu s proizvoda. Nemojte pokušavati izazvati povraćanje, osim u slučaju ako to doktor preporuči. Glavu držite nagnutu licem prema dolje, kako bi se spriječilo udisanje povraćenog želučanog sadržaja.

#### Opekline:

Nije primjenljivo.

### 4.2. Najvažniji simptomi i učinci, akutni i odgođeni

Nitko poznat.

### 4.3. Navod o slučaju potrebe za hitnom liječnickom pomoci i posebnom obradom

Liječiti simptomatski.

### Informacije za zdravstveno osoblje

Ponesite ovaj sigurnosno-tehnički list ili etiketu s materijala.

## ODJELJAK 5.: MJERE ZA SUZBIJANJE POŽARA

### 5.1. Sredstva za gašenje

Nije primjenljivo.

### 5.2. Posebne opasnosti koje proizlaze iz tvari ili smjese

Spremnik pod tlakom. U slučaju požara ili zagrijavanja, doći će do porasta tlaka i spremnik može prsnuti. Zapaljenje će dovesti do stvaranja gustog dima. Izlaganje tvarima koje nastanu kao rezultat sagorijevanja može naškoditi zdravlju. Zatvorene spremnike, koji su bili izloženi vatri, treba ohladiti vodom. Nemojte dopustiti ulijevanje vode koja se koristila za gašenje požara u kanalizacijske odvođe ili u droge vodene tokove.

Ako se proizvod izloži visokim temperaturama, poput onih koje se razvijaju u slučaju požara, dolazi do otpuštanja tvari koje nastaju kao rezultat razgradnje. Te tvari su:

Ugljični oksidi (CO / CO<sub>2</sub>)

Neki metalni oksidi

### 5.3. Savjeti za gasitelje požara

Kako biste izbjegli kontakt s tvari, nosite samostalni uređaj za disanje i zaštitno odijelo.

## ODJELJAK 6.: MJERE KOD SLUCAJNOG ISPUŠTANJA

### 6.1. Osobne mjere opreza, zaštitna oprema i postupci za izvanredna stanja

Osigurajte odgovarajuću ventilaciju, posebno u zatvorenim prostorima.  
Kontaminirani prostor može biti sklizak.

### 6.2. Mjere zaštite okoliša

Izbjegavajte izlivanje tvari u jezera, riječne tokove, kanalizacijske odvođe i slično.  
Držite neovlaštene osobe dalje od izlivanja

### 6.3. Metode i materijal za sprecavanje širenja i čišćenje

Zadržite i sakupite prolivenu tekućinu nezapaljivim, upijajućim materijalom npr. pijeskom, zemljom, vermikulitom ili dijatomejskom zemljom i stavite u spremnik za odlaganje u skladu s lokalnim propisima.  
Koliko god je to moguće, čišćenje treba obavljati pomoću uobičajenih sredstava za čišćenje. Treba izbjegavati uporabu otapala.

### 6.4. Uputa na druge odjeljke

Pogledajte odjeljak o 13 " Zbrinjavanje", koji se odnosi na rukovanje otpadom.  
Informacije o mjerama zaštite potražite u odjeljku o 8 'Nadzor nad izloženošću/osobna zaštita'.

## ODJELJAK 7.: RUKOVANJE I SKLADIŠTENJE

### 7.1. Mjere opreza za sigurno rukovanje

Ne bušiti, niti paliti. Āak niti nakon uporabe.  
U radnim prostorijama nije dopušteno pušenje, konzumiranje hrane ili napitaka, kao ni čuvanje duhanskih proizvoda, hrane ili napitaka.  
Informacije o osobnoj zaštiti potražite u odjeljku o 'Nadzor nad izloženošću/osobna zaštita'.

### 7.2. Uvjeti sigurnog skladištenja, uzimajući u obzir moguće inkompatibilnosti

Čuvati u dobro zatvorenim posudama i čuvati zaštićeno od vlage i svjetlosti. Posude se trebaju datirati kada se otvaraju i povremeno testirati na prisutnost peroksida. Ne prekoračujte vremensko ograničenje skladištenja.  
Otvoreni spremnici moraju se pažljivo ponovno hermetički zatvoriti i čuvati uspravno kako bi se spriječilo curenje.

*Kompatibilnost ambalaže:*

Čuvati samo u originalnom pakiranju.

*Uvjeti skladištenja:*

Suho, hladno i dobro prozračeno

*Inkompatibilni materijali:*

Jake kiseline, jake lužine, jaka oksidirajuća sredstva i jaka redukcijska sredstva.

### 7.3. Posebna krajnja uporaba ili uporabe

Ovaj proizvod treba se koristiti isključivo za namjene navedene u odjeljak 1.2.

## ODJELJAK 8.: NADZOR NAD IZLOŽENOŠĆU/OSOBNA ZAŠTITA

### 8.1. Nadzorni parametri

Aluminium oxide

Granična vrijednost izloženosti (8 sati) (GVI) (mg/m<sup>3</sup>): 10 (ukupna prašina) / 4 (respirabilna prašina)

izopropil-alkohol

Granična vrijednost izloženosti (8 sati) (GVI) (ppm): 400

Granična vrijednost izloženosti (8 sati) (GVI) (mg/m<sup>3</sup>): 999

Kratkotrajna granična vrijednost izloženosti (15 minuta) (KGI) (ppm): 500

Kratkotrajna granična vrijednost izloženosti (15 minuta) (KGI) (mg/m<sup>3</sup>): 1250

etanol;etil-alkohol

Granična vrijednost izloženosti (8 sati) (GVI) (ppm): 1000  
Granična vrijednost izloženosti (8 sati) (GVI) (mg/m<sup>3</sup>): 1900

NN 1/2021 (10.01.2021.), Pravilnik o zaštiti radnika od izloženosti opasnim kemikalijama na radu, graničnim vrijednostima izloženosti i biološkim graničnim vrijednostima

#### DNEL

##### 2-fenoksietanol

Trajanje:	Način izlaganja:	DNEL:
Dugoročno	Oralno	9,23 mg/kg
Dugoročno-Sustavni učinci	Preko kože	10,42 mg/kg
Dugoročno-Sustavni učinci-Opća populacija	Preko kože	20,83 mg/kg
Dugoročno-Sustavni učinci-Radnici	Preko kože	34,72 mg/kg bw/day
Dugoročno-Lokalni učinci-Radnici	Udisanje	5,7 mg/m <sup>3</sup>
Dugoročno-Sustavni učinci	Udisanje	2,41 mg/m <sup>3</sup>
Dugoročno-Sustavni učinci-Radnici	Udisanje	5,7 mg/m <sup>3</sup>
Dugoročno-Sustavni učinci-Radnici	Udisanje	8,07 mg/m <sup>3</sup>

##### etanol;etil-alkohol

Trajanje:	Način izlaganja:	DNEL:
Dugoročno-Sustavni učinci-Opća populacija	Oralno	87 mg/kg bw/day
Dugoročno-Sustavni učinci-Opća populacija	Preko kože	206 mg/kg bw/day
Dugoročno-Sustavni učinci-Radnici	Preko kože	343 mg/kg bw/day
Dugoročno-Sustavni učinci-Opća populacija	Udisanje	114 mg/m <sup>3</sup>
Dugoročno-Sustavni učinci-Radnici	Udisanje	380 mg/m <sup>3</sup>
Kratkoročno-Lokalni učinci-Opća populacija	Udisanje	950 mg/m <sup>3</sup>
Kratkoročno-Lokalni učinci-Radnici	Udisanje	1900 mg/m <sup>3</sup>

##### izopropil-alkohol

Trajanje:	Način izlaganja:	DNEL:
Dugoročno-Sustavni učinci-Opća populacija	Oralno	26 mg/kg
Dugoročno-Sustavni učinci-Opća populacija	Preko kože	319 mg/kg
Dugoročno-Sustavni učinci-Radnici	Preko kože	888 mg/m <sup>3</sup>
Dugoročno-Sustavni učinci-Opća populacija	Udisanje	89 mg/m <sup>3</sup>
Dugoročno-Sustavni učinci-Opća populacija	Udisanje	89 mg/m <sup>3</sup>
Dugoročno-Sustavni učinci-Radnici	Udisanje	500 mg/m <sup>3</sup>

#### PNEC

##### 2-fenoksietanol

Način izlaganja:	Trajanje izloženosti:	PNEC:
Morska voda		0,0943 mg/L
Postrojenje za tretiranje otpadne vode		24,8 mg/L
Postrojenje za tretiranje otpadne vode	Jednostruko	36 mg/L
Sediment morske vode		0,7237 mg/kg
Slatka voda		0,943 mg/L
Slatkovodni sediment		7,2366 mg/kg
Tlo		1,26 mg/kg

etanol;etil-alkohol

Način izlaganja:	Trajanje izloženosti:	PNEC:
Morska voda		790 µg/L
Postrojenje za tretiranje otpadne vode		580 mg/L
Povremeno ispuštanje (slatka voda)		2.75 mg/L
Predators		380-720 mg/kg
Sediment morske vode		2.9 mg/kg
Slatka voda		960 µg/L
Slatkovodni sediment		3.6 mg/kg
Tlo		630 µg/kg

izopropil-alkohol

Način izlaganja:	Trajanje izloženosti:	PNEC:
Morska voda		140,9 mg/L
Postrojenje za tretiranje otpadne vode		2251 mg/L
Povremeno ispuštanje		140,9 mg/L
Sediment morske vode		552 mg/kg
Slatka voda		140,9 mg/L
Slatkovodni sediment		552 mg/kg
Tlo		28 mg/kg

## 8.2. Nadzor nad izloženosti

Redovito se treba provjeravati poštuju li se propisana ograničenja koja se odnose na izlaganje.

### Opće preporuke:

U radnim prostorijama nije dopušteno pušenje, konzumiranje hrane ili napitaka, kao ni čuvanje duhanskih proizvoda, hrane ili napitaka.

### Uvjeti pri izlaganju:

Za ovaj proizvod nisu implementirani scenariji izloženosti.

### Ograničenja vezana uz izlaganje:

Poduzetnici trebaju raditi u skladu sa zakonskim propisima o radnom okruženju koji se odnose na maksimalne koncentracije tvari kojima se radnici smiju izlagati.

### Odgovarajuće tehničke mjere:

Stvaranje pare mora biti minimalno i ispod trenutnih graničnih vrijednosti (vidi gore). Preporučuje se ugradnja lokalnog ispušnog sustava ako normalan protok zraka u radnoj sobi nije dovoljan. Osigurajte da stanice za hitno ispiranje očiju i tuševi budu jasno označeni.

Primijenite standardne mjere opreza tijekom uporabe proizvoda. Izbjegavati udisanje para.

### Higijenske mjere:

Kad god pravite stanku tijekom uporabe ovog proizvoda, kao i kada završite s uporabom, sve izložene dijelove tijela morate oprati. Obratite posebnu pozornost na ruke, podlaktice i lice.

### Mjere opreza za izbjegavanje zagađenja okoliša:

Nema posebnih uvjeta.

## Osobne mjere zaštite kao što je osobna zaštitna oprema

### Opcenito:

Koristite isključivo zaštitnu opremu s oznakom CE.

### Oprema za disanje:

Tip	Klasa	Boje	Norme
Nema posebnih uvjeta pri uporabi u skladu s namjenom.			

**Zaštita kože:**

Preporučuje se	Tip/Kategorija	Norme	
Nema posebnih uvjeta pri uporabi u skladu s namjenom	-	-	

**Zaštita ruku:**

Radna situacija	Tvar	Minimalna debljina sloja (mm)	Vrijeme prodiranja kemikalije (min.)	Norme	
	Nema posebnih uvjeta pri uporabi u skladu s namjenom	-	-	-	
U slučaju produljenog izlaganja ili visokih koncentracija	Pamuka / Nitrilna guma	-	> 240	EN374-2, EN16523-1, EN388	

**Oci:**

Tip	Norme	
Nema posebnih uvjeta pri uporabi u skladu s namjenom.	-	

## ODJELJAK 9.: FIZIKALNA I KEMIJSKA SVOJSTVA

### 9.1. Informacije o osnovnim fizikalnim i kemijskim svojstvima

**Oblik:**

Tekućina

**Boje:**

Bijela

**Miris / Prag mirisa (ppm):**

Parfem

**pH:**

ca. 9

**Gustoca (g/cm<sup>3</sup>):**

1,06 (20 °C)

**Kinematička viskoznost:**

Podaci nisu dostupni.

**Dinamički viskozitet:**

ca 1000 mPa.s (20 °C)

**Svojstva čestica:**

Ne primjenjuje se na tekućine.

#### Izmjene faza

**talište/ledište (°C):**

Podaci nisu dostupni.

**Točka/raspon temperatura pri kojima dolazi do omekšavanja (°C):**

Ne primjenjuje se na tekućine.

**Točka ključanja (°C):**

Podaci nisu dostupni.

**Tlak isparenja:**

Podaci nisu dostupni.

*relativna gustoća pare:*

Podaci nisu dostupni.

*Temperatura raspada (°C):*

Podaci nisu dostupni.

#### **Podaci o opasnostima od požara i eksplozije**

*Točka zapaljenja (°C):*

Podaci nisu dostupni.

*Zapaljivost (°C):*

Podaci nisu dostupni.

*Temperatura samozapaljenja (°C):*

Podaci nisu dostupni.

*Eksplozivni prag (Vol %):*

Podaci nisu dostupni.

#### **Topljivost**

*Topljivost u vodi:*

Podaci nisu dostupni.

*n-oktanol/vodeni koeficijent (LogKow):*

Podaci nisu dostupni.

*Topljivost u masnoci (g/L):*

Podaci nisu dostupni.

#### **9.2. Ostale informacije**

*Drug fizikalni i kemijski parametri:*

Podaci nisu dostupni.

*Oksidirajuća svojstva:*

Podaci nisu dostupni.

## **ODJELJAK 10.: STABILNOST I REAKTIVNOST**

#### **10.1. Reaktivnost**

Podaci nisu dostupni.

#### **10.2. Kemijska stabilnost**

Proizvod je stabilan pod uvjetima koji su navedeni u odjeljku 7 "Rukovanje i skladištenje".

#### **10.3. Mogućnost opasnih reakcija**

Nitko poznat.

#### **10.4. Uvjeti koje treba izbjegavati**

Nitko poznat.

#### **10.5. Inkompatibilni materijali**

Jake kiseline, jake lužine, jaka oksidirajuća sredstva i jaka reduksijska sredstva.

#### **10.6. Opasni proizvodi raspadanja**

U normalnim uvjetima skladištenja i uporabe ne bi trebalo doći do stvaranja opasnih produkata raspadanja.

## **ODJELJAK 11.: TOKSIKOLOŠKE INFORMACIJE**

#### **11.1. Informacije o razredima opasnosti kako su definirani u Uredbi (EZ) br. 1272/2008**

##### **Autna toksicnost**

Proizvod/sastojak	Aluminium oxide
Vrste:	Štakor
Način izlaganja:	Udisanje
Test:	LC50
Rezultat:	> 5 mg/L

Proizvod/sastojak      Aluminium oxide  
Vrste:                      Štakor  
Način izlaganja:        Oralno  
Rezultat:                 > 5000 mg/kg

Proizvod/sastojak      izopropil-alkohol  
Vrste:                      Štakor  
Način izlaganja:        Oralno  
Test:                        LD50  
Rezultat:                 >2000 mg/kg

Proizvod/sastojak      izopropil-alkohol  
Vrste:                      Kunić  
Način izlaganja:        Preko kože  
Test:                        LD50  
Rezultat:                 >2000 mg/kg

Proizvod/sastojak      izopropil-alkohol  
Vrste:                      Štakor  
Način izlaganja:        Udisanje  
Test:                        LC50  
Rezultat:                 >20

Proizvod/sastojak      izopropil-alkohol  
Način izlaganja:        Oralno  
Test:                        LD50  
Rezultat:                 5849 mg/kg

Proizvod/sastojak      izopropil-alkohol  
Vrste:                      Štakor  
Način izlaganja:        Oralno  
Test:                        LD50  
Rezultat:                 5840 mg/kg

Proizvod/sastojak      izopropil-alkohol  
Vrste:                      Kunić  
Način izlaganja:        Preko kože  
Test:                        LD50  
Rezultat:                 12800 mg/kg

Proizvod/sastojak      izopropil-alkohol  
Način izlaganja:        Udisanje  
Test:                        LC50  
Rezultat:                 301002 mg/L

Proizvod/sastojak      2-fenoksietanol  
Vrste:                      Štakor  
Način izlaganja:        Oralno  
Test:                        LD50  
Rezultat:                 1840 mg/kg

Proizvod/sastojak      2-fenoksietanol  
Vrste:                      Kunić  
Način izlaganja:        Preko kože  
Rezultat:                 >5000 mg/kg

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

#### **Nagrivanje/iritacija kože**

Proizvod/sastojak      izopropil-alkohol  
Metoda ispitivanja:     OECD 404

Vrste: Kunić  
Trajanje: 4 hours

Proizvod/sastojak: 2-fenoksietanol  
Rezultat: Uočeni štetni učinci (Korozivno)

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

#### **Ozbiljno oštećenje/iritacija oka**

Proizvod/sastojak: Aluminium oxide

Proizvod/sastojak: izopropil-alkohol  
Vrste: Kunić  
Rezultat: Uočeni štetni učinci (Iritirajuće)

Proizvod/sastojak: izopropil-alkohol  
Metoda ispitivanja: OECD 405  
Vrste: Kunić  
Rezultat: Uočeni štetni učinci (Uzrokuje teške ozljede oka)

Proizvod/sastojak: 2-fenoksietanol  
Rezultat: Uočeni štetni učinci (Uzrokuje teške ozljede oka)

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

#### **Senzitizacija dišnih puteva**

Proizvod/sastojak: izopropil-alkohol  
Metoda ispitivanja: OECD 406  
Vrste: Zamorac  
Rezultat: Nisu uočeni štetni učinci (ne senzibilizirajući)

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

#### **Senzitizacija kože**

Proizvod/sastojak: izopropil-alkohol  
Vrste: Zamorac  
Rezultat: Nisu uočeni štetni učinci (ne senzibilizirajući)

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

#### **Mutacija spolnih celija**

Proizvod/sastojak: izopropil-alkohol  
Zaključak: Nisu uočeni štetni učinci

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

#### **Kancerogenost**

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

#### **Toksicnost za reproduktivni sustav**

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

#### **STOT-pojedinacno izlaganje**

Proizvod/sastojak: izopropil-alkohol  
Način izlaganja: Oralno

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

#### **STOT-ucestalo izlaganje**

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

#### **Opasnost od udisanja**

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

### **11.2. Informacije o drugim opasnostima**

#### **Dugoročno djelovanje**

Nitko poznat.

#### **Svojstva endokrine disrupcije**

Ova smjesa/proizvod ne sadrži nikakve tvari za koje se smatra da imaju svojstva izazivanja hormonskog poremećaja.

#### Ostale informacije

izopropil-alkohol: IARC je tvar razvrstala u skupinu 3.

## ODJELJAK 12.: EKOLOŠKE INFORMACIJE

### 12.1. Toksicitnost

Proizvod/sastojak: izopropil-alkohol  
Vrste: Riba, Goudwinde (*Leuciscus idus*)  
Trajanje: 48 sati  
Test: LC50  
Rezultat: >100 mg/L

Proizvod/sastojak: izopropil-alkohol  
Vrste: Ljuskar, *Daphnia magna*  
Trajanje: 48 sati  
Test: EC50  
Rezultat: >100 mg/L

Proizvod/sastojak: izopropil-alkohol  
Vrste: Alge, *Scenedesmus subspicatus*  
Trajanje: 72 sati  
Test: EC50  
Rezultat: >100 mg/L

Proizvod/sastojak: 2-fenoksietanol  
Vrste: Riba  
Trajanje: 96 sati  
Test: LC50  
Rezultat: >100 mg/L

Proizvod/sastojak: 2-fenoksietanol  
Vrste: Alge  
Trajanje: 72 sati  
Test: ErC50  
Rezultat: >100 mg/L

Proizvod/sastojak: 2-fenoksietanol  
Vrste: *Daphnia magna*  
Trajanje: 48 sati  
Test: EC50  
Rezultat: >100 mg/L

Proizvod/sastojak: 2-fenoksietanol  
Vrste: Riba  
Test: NOEC  
Rezultat: 23 mg/L

Proizvod/sastojak: 2-fenoksietanol  
Vrste: Andere waterorganismen  
Trajanje: 30 minutes  
Test: EC50  
Rezultat: >1000 mg/L

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

### 12.2. Postojanost i razgradivost

Proizvod/sastojak: izopropil-alkohol  
Rezultat: 95%  
Zaključak: Laka biorazgradivost

Test:	OECD 301 E
Proizvod/sastojak	2-fenoksietanol
Rezultat:	>70
Zaključak:	Laka biorazgradivost
Test:	OECD 301 A

### 12.3. Bioakumulacijski potencijal

Proizvod/sastojak	izopropil-alkohol
BCF:	<100
LogKow:	<3
Zaključak:	-

Proizvod/sastojak	2-fenoksietanol
BCF:	0.349
LogKow:	1.2
Zaključak:	-

### 12.4. Pokretljivost u tlu

Podaci nisu dostupni.

### 12.5. Rezultati ocjenjivanja svojstava PBT i vPvB

Ova mješavina/proizvod ne sadrži nikakve tvari za koje se smatra da ispunjavaju kriterije po kojima ih se klasificira kao PBT i/ili vPvB.

### 12.6. Svojstva endokrine disrupcije

Ova smjesa/proizvod ne sadrži nikakve tvari za koje se kada se nađu unutar okoliša smatra da imaju svojstva ometanja endokrinog sustava.

### 12.7. Ostali štetni ucinci

Nitko poznat.

## ODJELJAK 13.: ZBRINJAVANJE

### 13.1. Metode obrade otpada

Ovaj proizvod nije reguliran propisima o opasnom otpadu.  
Uredba Komisije (EU) br. 1357/2014 od 18. prosinca 2014 o otpadu.

*EWC šifra:*

20 01 30 Ostali deterdženti nespomenuti u 20 01 29

### Kontaminirano pakiranje

Pakiranja u kojima se nalaze ostaci proizvoda moraju se odložiti kao otpad na isti način kao i sam proizvod.

## ODJELJAK 14.: INFORMACIJE O PRIJEVOZU

	14.1 UN	14.2 Ispravno otpremno ime prema UN-u	14.3 Razred(i) opasnosti pri prijevozu	14.4 PG*	14.5. Env**	Ostale informacije:
ADR	1950	AEROSOLS	Klasa: 2 Listice opasnosti: 2.2 Klasifikacijska oznaka: 5A	-	Ne	Ograničene količine: 1 L Tunelska restrikcijaska oznaka: 3 (E) Dodatne informacije potražite u nastavku.

	14.1 UN	14.2 Ispravno otpremno ime prema UN-u	14.3 Razred(i) opasnosti pri prijevozu	14.4 PG*	14.5. Env**	Ostale informacije:
IMDG	1950	AEROSOLS	Klasa: 2 Listice opasnosti: 2.2 Klasifikacijska oznaka: 5A	-	Ne	Ograničene količine: 1 L EmS: F-D S-U Dodatne informacije potražite u nastavku.
IATA	1950	AEROSOLS	Klasa: 2 Listice opasnosti: 2.2 Klasifikacijska oznaka: 5A	-	Ne	Dodatne informacije potražite u nastavku.

\* Skupina pakiranja

\*\* Opasnosti za okoliš

#### Dodatne informacije

Za proizvod se primjenjuje Uredba o opasnim tvarima.

ADR / Za sve informacije o posebnim odredbama, zahtjevima ili upozorenjima u vezi s prijevozom pogledajte tablicu A, odjeljak 3.2.1. Za pisane upute o ublažavanju štete u vezi s incidentima ili nezgodama tijekom prijevoza pogledajte odjeljak 5.4.3.

IMDG / Za sve informacije o posebnim odredbama, zahtjevima ili upozorenjima u vezi s prijevozom pogledajte, odjeljak 3.2.1

IATA / Za sve informacije o posebnim odredbama, zahtjevima ili upozorenjima u vezi s prijevozom pogledajte tablicu 4.2.

#### 14.6. Posebne mjere opreza za korisnika

Nije primjenljivo.

#### 14.7. Prijevoz morem u razlivenom stanju u skladu s instrumentima IMO-a

Podaci nisu dostupni.

## ODJELJAK 15.: INFORMACIJE O PROPISIMA

### 15.1. Propisi u području sigurnosti, zdravlja i okoliša/posebno zakonodavstvo za tvar ili smjesu

*Ograničenje primjene:*

Samo za profesionalne korisnike.

*Zahtjev za specifičnu edukaciju:*

Nema posebnih uvjeta.

*SEVESO - Kategorije opasnih tvari / Imena opasnih tvari:*

Nije primjenljivo.

*REACH, prilog XVII:*

izopropil-alkohol. Kemijska tvar podliježe REACH ograničenjima (Unos br. 40).  
etanol;etil-alkohol. Kemijska tvar podliježe REACH ograničenjima (Unos br. 40).

*Označavanje sadržaja prema Pravilniku o deterdžentima 648/2004:*

< 5%

- Anionski surfaktanti
- Neionski surfaktanti
- Mirisi
- Konzervansa (PHENOXYETHANOL)

*Dodatne informacije:*

Nije primjenljivo.

*Izvori:*

Pravilnik o sigurnosti i zaštiti zdravlja na radu trudne radnice, radnice koja je nedavno rodila i radnice koja doji NN

91/2015 (1767).

Uredba (EZ) br. 648/2004 Europskog Parlamenta i Vijeća od 31. ožujka 2004. o deterdžentima.

Uredba Komisije (EU) br. 1357/2014 od 18. prosinca 2014 o otpadu.

Uredba (EZ) br. 1272/2008 Europskog Parlamenta i Vijeća od 16. prosinca 2008. o razvrstavanju, označivanju i pakiranju tvari i smjesa (CLP).

UREDBA (EZ) br. 1907/2006 EUROPSKOG PARLAMENTA I VIJEĆA od 18. prosinca 2006 o registraciji, evaluaciji, autorizaciji i ograničavanju kemikalija (REACH).

## 15.2. Procjena kemijske sigurnosti

Ne

## ODJELJAK 16.: OSTALE INFORMACIJE

### Puni tekst H-fraza navedenih u Odjeljak 3

H225, Lako zapaljiva tekućina i para.

H302, Štetno ako se proguta.

H318, Uzrokuje teške ozljede oka.

H319, Uzrokuje jako nadraživanje oka.

H335, Može nadražiti dišni sustav; ili.

H336, Može izazvati pospanost ili vrtoglavicu.

### Kratice i akronimi

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = Europski sporazum u vezi s internacionalnim prijevozom opasne robe cestom

ATE = Visoko procijenjena toksičnost

BKF = Biokoncentracijski faktor

CAS = Baza kemijskih podataka

CE = Conformité Européenne

CLP = Regulacija klasifikacije, označavanja i pakiranja [Uredba (EZ) Br. 1272/2008]

CSA = Kemijska procjena sigurnosti

CSR = Izvještaj o kemijskoj sigurnosti

DNEL = Izvedeni stupanj bez učinka

EINECS = Europski popis postojećih komercijalnih kemijskih tvari

ES = Količina izloženosti

EUH izvještaj = CLP-specifičan izvještaj o opasnosti

EuPCS = Europski sustav kategorizacije proizvoda

EWC = Europski popis otpadnih tvari

GHS = Globalno usuglašeni sistem klasifikacije i označavanja kemikalija

GWP = Potencijal globalnog zagrijavanja

IATA = Internacionalno udruženje zračnog transporta

IBC = Kontejner srednjeg obujma

IMDG = Internacionalne pomorski opasne tvari

LogPow = logaritam koeficijenta razdjeljenja između oktanola i vode

MARPOL = Internacionalna konvencija za prevenciju zagađivanja od brodova, 1973 modificirano protokolom iz 1978.

("Marpol" = zagađenje mora)

OECD = Organizacija za ekonomsku suradnju i razvoj

PBT = Postojan, bioakumulativni i toksični

PNEC = Predviđena koncentracija bez efekta

RID = Uredba u vezi internacionalnog prijevoza opasnih tvari željezničkim putem

RRN = REACH Registracijski broj

SCL = Specifičnu granicu koncentracije.

SVHC = Tvari vrlo visoke važnosti

STOT-RE = Specifično ciljana organska toksičnost - Ponovljeno izlaganje

STOT-SE = Specifično ciljana organska toksičnost - Jednokratno izlaganje

TWA = Vremenski ponderirani prosjek

UVCB = Su tvari nepoznatog ili promjenljivog sastava, složeni reakcijski proizvodi ili biološki materijali.

UN = Ujedinjeni Narodi

VOC = Hlapljivi organski spojevi

vPvB = Vrlo otporno i vrlo bioakumulativno

### Dodatne informacije

Nije primjenljivo.

**Sigurnosno-tehnicki list potvrđen je od strane**

Quality & Compliance

**Ostalo**

Izmjena (u odnosu na posljednju ključnu izmjenu SDS inačice) označena je trokutom.

Informacije u ovom sigurnosno-tehničkom listu odnose se samo na ovaj proizvod (naveden je u odjeljak 1) i možda neće biti primjeren za uporabu s drugim kemikalijama/proizvodima.

Preporuča se prosjeđivanje ovog sigurnosno-tehničkog lista stvarnom korisniku proizvoda. Informacije navedene u ovom sigurnosno-tehničkom listu ne mogu se koristiti kao specifikacija proizvoda.

Država-jezik: HR-hr

## BIZTONSÁGI ADATLAP

# i.26 kitchen polish (Alu-Air)

## 1. SZAKASZ: AZ ANYAG/KEVERÉK ÉS A VÁLLALAT/VÁLLALKOZÁS AZONOSÍTÁSA

### 1.1. Termékazonosító

*Terméknév:*

i.26 kitchen polish (Alu-Air)

*Egyedi formulaazonosító (UFI):*

8YFR-ND5E-MUMG-2XW1

### 1.2. Az anyag vagy keverék lényeges azonosított felhasználásai, illetve ellenjavallt felhasználásai

*Az anyag vagy vegyület lényeges azonosított használatai:*

Mosó- és tisztítószer (beleértve az oldószer alapúakat is)  
Kizárólag szakmai felhasználó részére.

*Ellenjavallt felhasználása:*

Senki sem ismerős.

### 1.3. A biztonsági adatlap szállítójának adatai

*Cég és cím:*

**Hygeniq B.V.**

Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*Felülvizsgálat:*

2025. 05. 26.

*BA verziószám:*

1.0

### 1.4. Sürgősségi telefonszám

+36 80 201 199 (0-24 órában, díjmentesen hívható – csak Magyarországról)

Lásd a 4. szakasz: Elsősegélynyújtás.

## 2. SZAKASZ: A VESZÉLY AZONOSÍTÁSA

Az (EK) 1272/2008. (CLP) rendelet szerint besorolva.

### 2.1. Az anyag vagy keverék besorolása

Aerosol 3; H229, Az edényben túlnyomás uralkodik: hőhatására megrepedhet.

### 2.2. Címkézési elemek

*Veszélyt jelző piktogram(ok):*

Nem alkalmazható.

*Figyelmeztetés(ek):*

Figyelem

**Figyelmeztető mondat(ok):**

Az edényben túlnyomás uralkodik: hőhatására megrepedhet. (H229)

**Óvintézkedésre vonatkozó mondatok:**

**Általános:**

-

**Megelőzés:**

Hőtől, forró felületektől, szikrától, nyílt lángtól és más gyújtóforrástól távol tartandó. Tilos a dohányzás. (P210)  
Ne lyukassza ki vagy égesse el, még használat után sem. (P251)

**Reakció:**

-

**Tárolás:**

Napfénytől védendő. Nem érheti 50 °C/122°F hőmérsékletet meghaladó hő. (P410+P412)

**Hulladékkezelés:**

-

**Tartalmaz:**

Nem tartalmaz olyan anyagokat, amelyek bejelentésre kötelezettek

**További címkézés:**

UFI: 8YFR-ND5E-MUMG-2XW1

A tartalmat a tisztítószerrekről szóló 648/2004 számú rendelet szerint kell címkézni.:

< 5%

- Anionos felületaktív anyagok
- Nem ionos felületaktív anyagok
- Illatanyagok
- Tartósítószer (PHENOXYETHANOL)

### 2.3. Egyéb veszélyek

**További figyelmeztetések:**

Ez a keverék/termék nem tartalmaz PBT és/vagy vPvB minősítésű anyagokat.

Ez a termék nem tartalmaz olyan anyagot, ami a Bizottság (EU) 2017/2100 felhatalmazáson alapuló rendeletében vagy a Bizottság (EU) 2023/707 rendeletében meghatározott kritériumokkal összhangban az endokrin rendszert károsító anyagnak tekintendő.

## 3. SZAKASZ: ÖSSZETÉTEL VAGY AZ ÖSSZETEVŐKRE VONATKOZÓ ADATOK

### 3.1. Anyagok

Nem alkalmazható. A termék keverék.

### 3.2. Keverékek

Termék / alkotóelem	Azonosítók	% w/w	Besorolás	Hivatkozás
izopropil-alkohol	CAS-szám: 67-63-0 EK-szám: 200-661-7 REACH: Indexszám: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
etanol;etil-alkohol	CAS-szám: 64-17-5 EK-szám: 200-578-6 REACH: Indexszám: 603-002-00-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-fenoxietanol	CAS-szám: 122-99-6 EK-szám: 204-589-7 REACH: 01-2119488943-21	<1%	Acute Tox. 4, H302 (ATE: 1394,00 mg/kg) Eye Dam. 1, H318	

	Indexszám: 603-098-00-9		STOT SE 3, H335	
--	-------------------------	--	-----------------	--

A H - mondat(ok) teljes szövegét ld. a 16. szakaszban. Az elérhető munkahelyi határértékek listája a 8. szakaszban található.

**Egyéb információ:**

-

## 4. SZAKASZ: ELSŐSEGÉLY-NYÚJTÁSI INTÉZKEDÉSEK

### 4.1. Az elsősegély-nyújtási intézkedések ismertetése

*Általános információ:*

Balesetkor hívjon orvost vagy a baleseti ügyeletet - mutassa meg a termék címkéjét vagy ezt a biztonsági adatlapot! Az orvos érintkezésbe léphet az Egészségügyi Toxikológiai Tájékoztató Szolgálat (Telefon: 06-80-201-199).

Hívjon orvost, ha a sérült személy állapota kétséges, vagy a tünetek nem szűnnek meg! Eszméletlen személynek soha ne adjon vizet vagy hasonlót!

*Belégzés:*

Légzési nehézségek vagy a légutak irritációja esetén: Kísérje friss levegőre a személyt, aki az anyagot belélegezte és ne hagyja magára!

*Bőrrel való érintkezés:*

Vegye le a szennyezett ruhadarabokat és cipőt! A szennyezett bőrfelületet alaposan mossa meg szappanos vízzel! NE HASZNÁLJON oldószert, higítószert!

*Szemmel való érintkezés:*

Szembe kerülés esetén: A szemhéjat széthúzva alaposan mossa ki a szemét (20-30 °C-os vízzel) legalább 5 percen keresztül. Távolítsa el kontaktlencséjét! Forduljon orvoshoz!

*Lenyelés:*

Ha a személy eszméleténél van, öblítse ki a száját vízzel, és maradjon a személlyel. és maradjon a személlyel. Rosszullét esetén azonnal hívjunk orvost és mutassuk meg ezt az adatlapot vagy a termék címkéjét! Ne idézzen elő hányást, hacsak az orvos nem tanácsolja! Tartsa arccal lefelé a fejét, hogy a hányás ne kerüljön vissza a szájba és a torokba!

*Égések:*

Nem alkalmazható.

### 4.2. A legfontosabb - akut és késleltetett - tünetek és hatások

Senki sem ismerős.

### 4.3. A szükséges azonnali orvosi ellátás és különleges ellátás jelzése

Kezelje a tüneteknek megfelelően!

### Tájékoztató orvosoknak

Vigye ezt a biztonsági adatlapot vagy a termék címkéjét!

## 5. SZAKASZ: TÚZOLTÁSI INTÉZKEDÉSEK

### 5.1. Oltóanyag

Nem alkalmazható.

### 5.2. Az anyaghoz vagy a keverékhez társuló különleges veszélyek

Az edényben túlnyomás uralkodik. Tűz vagy felmelegedés nyomásnövekedést okozhat, és a tartály szétrepedhet. A tűz sűrű, füstöt eredményez. Bomlástermékekkel való érintkezés egészségkárosító lehet. A tűztől felhevült zárt tartályokat vízzel hűtse le! Ne öntsön tűzoltó vizet a csatornába vagy más víz

Ha a termék sugárzó hő hatásának van kitéve, illetve tűz esetén veszélyes bomlástermékek keletkeznek. Ezek:

Széndioxidok (CO / CO<sub>2</sub>)

Néhány fénoxid

### 5.3. Tűzoltóknak szóló javaslat

Viseljen oxigénpalackos légzőkészüléket és védő öltözetet a termékkel való érintkezés megelőzésére.

## 6. SZAKASZ: INTÉZKEDÉSEK VÉLETLENSZERŰ KÖRNYEZETBE JUTÁS ESETÉN

### 6.1. Személyi óvintézkedések, egyéni védoeszközök és vészhelyzeti eljárások

Biztosítson megfelelő szellőzést, különösen zárt helyeken.  
A szennyezett területek csúszósak lehetnek.

### 6.2. Környezetvédelmi óvintézkedések

Kerülje a termék felszíni/talajvízbe, csatornába, jutását.  
Tartsa távol az illetéktelen személyeket a kiömléstől

### 6.3. A területi elhatárolás és a szennyezésmentesítés módszerei és anyagai

A kiömlött/kifolyt anyagot nem éghető, nedvszívó anyaggal kell felfogni és összegyűjteni, pl. homokkal, földdel, vermikulittal vagy kovafölddel; ezeket gyűjtse össze egy tartályba a helyi előírások szerinti ártalmatlanításhoz. Ameddig lehet, csak normál tisztítószerral tisztítsunk! Kerüljük az oldószereket!

### 6.4. Hivatkozás más szakaszokra

A hulladékok kezelésére vonatkozóan ld. Az 13 "Ártalmatlanítási szempontok" c. fejezetet!  
Az óvintézkedésekre vonatkozóan ld. 8 "Az expozíció elleni védekezés/egyéni védelem" c. fejezetet!

## 7. SZAKASZ: KEZELÉS ÉS TÁROLÁS

### 7.1. A biztonságos kezelésre irányuló óvintézkedések

Ne lyukassza ki vagy égesse el, még használat után sem.  
Dohányzás, étel, ital fogyasztása, valamint dohányáru, étel, ital tárolása tilos a munkavégzés helyén!  
A személyi óvintézkedésekre vonatkozóan ld. "Az expozíció elleni védekezés/egyéni védelem" c. fejezetet!

### 7.2. A biztonságos tárolás feltételei, az esetleges összeférhetlenséggel együtt

Szorosan záródó tartályokban és nedvességtől és fénytől védve kell tárolni. A tartályokon felnyitáskor fel kell tüntetni a dátumot, és a tartályokat rendszeresen vizsgálni kell a peroxidok jelenléte tekintetében. A tárolási határidőt nem szabad túllépni.

A már nyitott tartályokat gondosan vissza kell zárni, és a kifolyás megelőzésére, függőlegesen tárolni.

*A csomagolóanyagok kompatibilitása:*

Az eredeti csomagolásban tartandó.

*Tárolási feltételek:*

Száraz, hűvös és jól szellőzött

*Összeférhetetlenség:*

Erős savak, lúgok, erős oxidálódó és bomlástermékek.

### 7.3. Meghatározott végfelhasználás (végfelhasználások)

A terméket csak az 1.2 fejezetben leírt célokra szabad használni!

## 8. SZAKASZ: AZ EXPOZÍCIÓ ELLENI VÉDEKEZÉS/EGYÉNI VÉDELEM

### 8.1. Ellenőrzési paraméterek

Aluminium oxide

Megengedett átlagos koncentráció (8 óra) (ÁK) (mg/m<sup>3</sup>): 6 resp

izopropil-alkohol

Rövid ideig megengedhető legnagyobb levegőszennyezettség (15 perc) (CK) (mg/m<sup>3</sup>): 2000

Megengedett átlagos koncentráció (8 óra) (ÁK) (mg/m<sup>3</sup>): 500

Jellemző tulajdonság:

b = Bőrön át is felszívódik. Az ÁK-értékek a veszélyes anyagoknak ezt a tulajdonságát, illetve az ebből származó expozíciót csak a levegőben megengedett koncentrációjuk mértékének megfelelően veszik figyelembe.

i = Izgatja a bőrt, nyálkahártyát, szemet vagy mindhármát.

etanol;etil-alkohol

Rövid ideig megengedhető legnagyobb levegőszennyezettség (15 perc) (CK) (mg/m<sup>3</sup>): 7600

Megengedett átlagos koncentráció (8 óra) (ÁK) (mg/m<sup>3</sup>): 1900

5/2020. (II. 6.) ITM rendelet a kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről.

## DNEL

2-fenoxietanol

Időtartam:	Expozíciós út:	DNEL:
Hosszú távú – helyi hatások – munkavállalók	Belélegzés	5,7 mg/m <sup>3</sup>
Hosszú távú – szisztémás hatások	Belélegzés	2,41 mg/m <sup>3</sup>
Hosszú távú – szisztémás hatások – munkavállalók	Belélegzés	5,7 mg/m <sup>3</sup>
Hosszú távú – szisztémás hatások – munkavállalók	Belélegzés	8,07 mg/m <sup>3</sup>
Hosszú távú – szisztémás hatások	Bőrön át	10,42 mg/kg
Hosszú távú – szisztémás hatások – általános lakosság	Bőrön át	20,83 mg/kg
Hosszú távú – szisztémás hatások – munkavállalók	Bőrön át	34,72 mg/kg/nap
Hosszú távú	Szájon át	9,23 mg/kg

etanol;etil-alkohol

Időtartam:	Expozíciós út:	DNEL:
Hosszú távú – szisztémás hatások – általános lakosság	Belélegzés	114 mg/m <sup>3</sup>
Hosszú távú – szisztémás hatások – munkavállalók	Belélegzés	380 mg/m <sup>3</sup>
Rövid távú – helyi hatások – általános lakosság	Belélegzés	950 mg/m <sup>3</sup>
Rövid távú – helyi hatások – munkavállalók	Belélegzés	1900 mg/m <sup>3</sup>
Hosszú távú – szisztémás hatások – általános lakosság	Bőrön át	206 mg/kg/nap
Hosszú távú – szisztémás hatások – munkavállalók	Bőrön át	343 mg/kg/nap
Hosszú távú – szisztémás hatások – általános lakosság	Szájon át	87 mg/kg/nap

izopropil-alkohol

Időtartam:	Expozíciós út:	DNEL:
Hosszú távú – szisztémás hatások – általános lakosság	Belélegzés	89 mg/m <sup>3</sup>
Hosszú távú – szisztémás hatások – általános lakosság	Belélegzés	89 mg/m <sup>3</sup>
Hosszú távú – szisztémás hatások – munkavállalók	Belélegzés	500 mg/m <sup>3</sup>
Hosszú távú – szisztémás hatások – általános lakosság	Bőrön át	319 mg/kg
Hosszú távú – szisztémás hatások – munkavállalók	Bőrön át	888 mg/m <sup>3</sup>
Hosszú távú – szisztémás hatások – általános lakosság	Szájon át	26 mg/kg

## PNEC

2-fenoxietanol

Expozíciós út:	Expozíció időtartama:	PNEC:
Édesvíz		0,943 mg/L
Édesvízi üledék		7,2366 mg/kg
Szennyvízkezelő telep		24,8 mg/L
Szennyvízkezelő telep	Egyszeri	36 mg/L
Talaj		1,26 mg/kg
Tengervíz		0,0943 mg/L
Tengervízi üledék		0,7237 mg/kg

etanol;etil-alkohol

Expozíciós út:	Expozíció időtartama:	PNEC:
Édesvíz		960 µg/L
Édesvízi üledék		3.6 mg/kg
Időszakos kibocsátás (édesvíz)		2.75 mg/L
Predators		380-720 mg/kg
Szennyvízkezelő telep		580 mg/L
Talaj		630 µg/kg
Tengervíz		790 µg/L
Tengervízi üledék		2.9 mg/kg

izopropil-alkohol

Expozíciós út:	Expozíció időtartama:	PNEC:
Édesvíz		140,9 mg/L
Édesvízi üledék		552 mg/kg
Időszakos kibocsátás		140,9 mg/L
Szennyvízkezelő telep		2251 mg/L
Talaj		28 mg/kg
Tengervíz		140,9 mg/L
Tengervízi üledék		552 mg/kg

## 8.2. Az expozíció elleni védekezés

A megállapított expozíciós határértékekkel való egyezést előírászerűen ellenőrizni kell!

### Általános javaslatok:

Dohányzás, étel, ital fogyasztása, valamint dohányáru, étel, ital tárolása tilos a munkavégzés helyén!

### Expozíciós forgatókönyv:

A termékre vonatkozóan nem dolgoztak ki expozíciós forgatókönyvet.

### Expozíciós hatások:

A termék kereskedelmi forgalomba kerülése során biztosítani kell azon munkahelyi egészségügyi előírások betartását, amelyek a termék maximális expozíciós koncentrációjára vonatkoznak. A munkahigiéniai határértékeket ld. fent!

### Megfelelő műszaki intézkedések:

A gőzképződést minimálisra kell csökkenteni, és az aktuális határérték alatt kell tartani (lásd fent). Amennyiben a munkavégzésre szolgáló helyszínen nem elegendő a normál légáram, egy helyi kipufogórendszer telepítése javasolt. Biztosítsa, hogy a sürgősségi szemöblítő folyadék és szemzuhany jól láthatóan meg legyenek jelölve.

A termék használatakor végezze el a szokásos óvintézkedéseket. Kerülje el a gőzök belégzését.

### Higiéniai intézkedések:

Bármikor szünetet tart vagy befejezi a termék használatát, minden szennyezett testrészét mossa meg! Különös figyelmet kell fordítani a kézre, az alkarra és az arcra.

### A környezeti expozíció ellenőrzése:

Nincs különleges követelmény.

## Egyéni óvintézkedések, úgy mint személyi védőfelszerelések

### Általánosan:

Kizárólag CE jelzéssel ellátott védőfelszerelést használjon.

### Légutak védelme:

Típus	Osztály	Szín	Szabványokra
Semmilyen speciális, amikor a rendeltetésnek megfelelően			

Típus	Osztály	Szín	Szabványokra
használják.			

**Bőrvédelem:**

Ajánlott	Típusú/Kategóriájú	Szabványokra
Semmilyen speciális, amikor a rendeltetésnek megfelelően használják	-	-

**Kézvédelem:**

Munkaállomás	Anyag	Minimális réteg vastagság (mm)	Áteresztési ideje (percig)	Szabványokra
	Semmilyen speciális, amikor a rendeltetésnek megfelelően használják	-	-	-
Hosszú ideig tartó expozíció vagy magas koncentrációk esetén	Pamutból / Nitril kaucsuk	-	> 240	EN374-2, EN16523-1, EN388



**Szemvédelem:**

Típus	Szabványokra
Semmilyen speciális, amikor a rendeltetésnek megfelelően használják.	-

## 9. SZAKASZ: FIZIKAI ÉS KÉMIAI TULAJDONSÁGOK

### 9.1. Az alapvető fizikai és kémiai tulajdonságokra vonatkozó információk

**Forma:**

Folyékony

**Szín:**

Fehér

**Szag / Szagküszöbérték (ppm):**

Illatosított

**pH:**

ca. 9

**Sűrűség (g/cm<sup>3</sup>):**

1,06 (20 °C)

**Kinematikus viszkozitás:**

Nincs erre vonatkozó adat.

**Dinamikus viszkozitás:**

ca 1000 mPa.s (20 °C)

**Részecskejellemzők:**

Folyadékokra nem alkalmazandó.

### Halmazállapot változások

**Olvadáspont/fagyáspont (°C):**

Nincs erre vonatkozó adat.

**Lágyuláspont/lágyulásponttartomány (°C):**

Folyadékokra nem alkalmazandó.

*Forráspont (°C):*

Nincs erre vonatkozó adat.

*Gőzsűrűség:*

Nincs erre vonatkozó adat.

*Relatív gőzsűrűség:*

Nincs erre vonatkozó adat.

*Bomlási hőmérséklet (°C):*

Nincs erre vonatkozó adat.

### **Tűz-és robbanásveszélyességi adatok**

*Lobbanási pont (°C):*

Nincs erre vonatkozó adat.

*Tűzveszélyesség (°C):*

Nincs erre vonatkozó adat.

*Öngyulladási hőmérséklet (°C):*

Nincs erre vonatkozó adat.

*Lobbanási határ (% v/v):*

Nincs erre vonatkozó adat.

### **Oldódás**

*Vízben oldódás:*

Nincs erre vonatkozó adat.

*n-octanol/vízzel együttható (LogKow):*

Nincs erre vonatkozó adat.

*Zsírban oldódás (g/L):*

Nincs erre vonatkozó adat.

### **9.2. Egyéb információk**

*Egyéb fizikai vagy kémiai paramétereiket:*

Nincs erre vonatkozó adat.

*Oxidációs jellemzők:*

Nincs erre vonatkozó adat.

## **10. SZAKASZ: STABILITÁS ÉS REAKCIÓKÉSZSÉG**

### **10.1. Reakciókészség**

Nincs erre vonatkozó adat.

### **10.2. Kémiai stabilitás**

A 7 "Kezelés és tárolás" fejezetben leírt körülmények között a termék szilárd.

### **10.3. A veszélyes reakciók lehetősége**

Senki sem ismerős.

### **10.4. Kerülendő körülmények**

Senki sem ismerős.

### **10.5. Nem összeférhető anyagok**

Erős savak, lúgok, erős oxidálódó és bomlástermékek.

### **10.6. Veszélyes bomlástermékek**

Normál tárolási és felhasználási körülmények között veszélyes bomlástermékek nem keletkezhetnek.

## **11. SZAKASZ: TOXIKOLÓGIAI ADATOK**

### **11.1. Az 1272/2008/EK rendeletben meghatározott, veszélyességi osztályokra vonatkozó információk**

### Akut toxicitás

Termék / alkotóelem Alumínium oxide  
Fajták: Patkány  
Expozíció iránya: Belélegzés  
Teszt: LC50  
Eredmény: > 5 mg/L

Termék / alkotóelem Alumínium oxide  
Fajták: Patkány  
Expozíció iránya: Szájon át  
Eredmény: > 5000 mg/kg

Termék / alkotóelem izopropil-alkohol  
Fajták: Patkány  
Expozíció iránya: Szájon át  
Teszt: LD50  
Eredmény: >2000 mg/kg

Termék / alkotóelem izopropil-alkohol  
Fajták: Nyúl  
Expozíció iránya: Bőrön át  
Teszt: LD50  
Eredmény: >2000 mg/kg

Termék / alkotóelem izopropil-alkohol  
Fajták: Patkány  
Expozíció iránya: Belélegzés  
Teszt: LC50  
Eredmény: >20

Termék / alkotóelem izopropil-alkohol  
Expozíció iránya: Szájon át  
Teszt: LD50  
Eredmény: 5849 mg/kg

Termék / alkotóelem izopropil-alkohol  
Fajták: Patkány  
Expozíció iránya: Szájon át  
Teszt: LD50  
Eredmény: 5840 mg/kg

Termék / alkotóelem izopropil-alkohol  
Fajták: Nyúl  
Expozíció iránya: Bőrön át  
Teszt: LD50  
Eredmény: 12800 mg/kg

Termék / alkotóelem izopropil-alkohol  
Expozíció iránya: Belélegzés  
Teszt: LC50  
Eredmény: 301002 mg/L

Termék / alkotóelem 2-fenoxietanol  
Fajták: Patkány  
Expozíció iránya: Szájon át  
Teszt: LD50  
Eredmény: 1840 mg/kg

Termék / alkotóelem 2-fenoxietanol  
Fajták: Nyúl  
Expozíció iránya: Bőrön át

Eredmény: >5000 mg/kg

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

#### **Bőrirritáció**

Termék / alkotóelem izopropil-alkohol  
Vizsgálati módszer: OECD 404  
Fajták: Nyúl  
Időtartam: 4 hours

Termék / alkotóelem 2-fenoxietanol  
Eredmény: Káros hatások figyelhetők meg (Korrozív)

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

#### **Súlyos szemkárosodás/szemirritáció**

Termék / alkotóelem Alumínium oxide

Termék / alkotóelem izopropil-alkohol  
Fajták: Nyúl  
Eredmény: Káros hatások figyelhetők meg (Irritáló)

Termék / alkotóelem izopropil-alkohol  
Vizsgálati módszer: OECD 405  
Fajták: Nyúl  
Eredmény: Káros hatások figyelhetők meg (Súlyos szemkárosodást okoz)

Termék / alkotóelem 2-fenoxietanol  
Eredmény: Káros hatások figyelhetők meg (Súlyos szemkárosodást okoz)

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

#### **Légzőszervi szenzibilizáció**

Termék / alkotóelem izopropil-alkohol  
Vizsgálati módszer: OECD 406  
Fajták: Tengerimalac  
Eredmény: Káros hatások nem figyelhetők meg (nem érzékenyítő)

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

#### **Bőrszenzibilizáció**

Termék / alkotóelem izopropil-alkohol  
Fajták: Tengerimalac  
Eredmény: Káros hatások nem figyelhetők meg (nem érzékenyítő)

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

#### **Csírasejt-mutagenitás**

Termék / alkotóelem izopropil-alkohol  
Következtetés: Káros hatások nem figyelhetők meg

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

#### **Rákkeltő hatás**

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

#### **Reprodukciós toxicitás**

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

#### **Egyetlen expozíció utáni célszervi toxicitás (STOT)**

Termék / alkotóelem izopropil-alkohol  
Expozíció iránya: Szájon át

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

#### **Ismétlődő expozíció utáni célszervi toxicitás (STOT)**

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

#### **Aspirációs veszély**

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

## 11.2. Egyéb veszélyekkel kapcsolatos információ

### Hosszantartó hatások

Senki sem ismerős.

### Endokrin károsító tulajdonságok

A keverék/termék nem tartalmaz az egészséggel kapcsolatban hormonzavaró tulajdonságokkal rendelkező anyagokat.

### Egyéb információk

izopropil-alkohol: A készítmény az IARC által a 3. csoportba sorolt.

## 12. SZAKASZ: ÖKOLÓGIAI ADATOK

### 12.1. Toxicitás

Termék / alkotóelem izopropil-alkohol  
Fajták: Hal, Goudwinde (Leuciscus idus)  
Időtartam: 48 órás  
Teszt: LC50  
Eredmény: >100 mg/L

Termék / alkotóelem izopropil-alkohol  
Fajták: Rákféle, Daphnia magna  
Időtartam: 48 órás  
Teszt: EC50  
Eredmény: >100 mg/L

Termék / alkotóelem izopropil-alkohol  
Fajták: Alga, Scenedesmus subspicatus  
Időtartam: 72 órás  
Teszt: EC50  
Eredmény: >100 mg/L

Termék / alkotóelem 2-fenoxietanol  
Fajták: Hal  
Időtartam: 96 órás  
Teszt: LC50  
Eredmény: >100 mg/L

Termék / alkotóelem 2-fenoxietanol  
Fajták: Alga  
Időtartam: 72 órás  
Teszt: ErC50  
Eredmény: >100 mg/L

Termék / alkotóelem 2-fenoxietanol  
Fajták: Daphnia magna  
Időtartam: 48 órás  
Teszt: EC50  
Eredmény: >100 mg/L

Termék / alkotóelem 2-fenoxietanol  
Fajták: Hal  
Teszt: NOEC  
Eredmény: 23 mg/L

Termék / alkotóelem 2-fenoxietanol  
Fajták: Andere waterorganismen  
Időtartam: 30 minutes  
Teszt: EC50  
Eredmény: >1000 mg/L

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

### 12.2. Perzisztencia és lebonthatóság

Termék / alkotóelem	izopropil-alkohol
Eredmény:	95%
Következtetés:	Könnyű biolebonthatóság
Teszt:	OECD 301 E

Termék / alkotóelem	2-fenoxietanol
Eredmény:	>70
Következtetés:	Könnyű biolebonthatóság
Teszt:	OECD 301 A

### 12.3. Bioakkumulációs képesség

Termék / alkotóelem	izopropil-alkohol
BKF:	<100
LogKow:	<3
Következtetés:	-

Termék / alkotóelem	2-fenoxietanol
BKF:	0,349
LogKow:	1,2
Következtetés:	-

### 12.4. A talajban való mobilitás

Nincs erre vonatkozó adat.

### 12.5. A PBT- és a vPvB-értékelés eredményei

Ez a keverék/termék nem tartalmaz PBT és/vagy vPvB minősítésű anyagokat.

### 12.6. Endokrin károsító tulajdonságok

A keverék/termék nem tartalmaz a környezettel kapcsolatban endokrin-romboló tulajdonságokkal rendelkező anyagokat.

### 12.7. Egyéb káros hatások

Senki sem ismerős.

## 13. SZAKASZ: ÁRTALMATLANÍTÁSI SZEMPONTOK

### 13.1. Hulladékkezelési módszerek

Ez a termék nincs a veszélyes hulladékok közé besorolva.

Veszélyes hulladékok: 2012. évi CLXXXV. törvény a hulladékról. 225/2015. (VIII. 7.) Korm. rendelet a veszélyes hulladékkal kapcsolatos egyes tevékenységek részletes szabályairól.

*EWC kód:*

20 01 30 Mosószer, amelyek különböznek a 20 01 29-től

### Szenyezett csomagolás

Maradékot tartalmazó tartályt ugyanúgy ártalmatlanítsuk, mint magát a terméket!

## 14. SZAKASZ: SZÁLLÍTÁSRA VONATKOZÓ INFORMÁCIÓK

	14.1 UN	14.2 Az ENSZ szerinti megfelelő szállítási megnevezés	14.3 Szállítási veszélyességi osztály(ok)	14.4 PG*	14.5. Env**	Egyéb információ:
ADR	1950	AEROSOLS	Osztály: 2 Bárcák: 2.2 Osztályozási kód: 5A	-	Nincs	Korlátozott mennyiség: 1 L Alagútkorlát ozási kód: 3

	14.1 UN	14.2 Az ENSZ szerinti megfelelő szállítási megnevezés	14.3 Szállítási veszélyességi osztály(ok)	14.4 PG*	14.5. Env**	Egyéb információ:
						(E) További információt alább olvashat.
IMDG	1950	AEROSOLS	Osztály: 2 Bárcák: 2.2 Osztályozási kód: 5A	-	Nincs	Korlátozott mennyiség: 1 L EmS: F-D S-U További információt alább olvashat.
IATA	1950	AEROSOLS	Osztály: 2 Bárcák: 2.2 Osztályozási kód: 5A	-	Nincs	További információt alább olvashat.

\* Csomagolási csoport

\*\* Környezeti veszélyek

#### Egyéb információ

A veszélyes árukra vonatkozó egyezmény által védett termék.

ADR / Lásd az A. táblázat 3.2.1 pontját a szállítással kapcsolatos különleges rendelkezésekről, követelményekről vagy figyelmeztetésekről. Lásd az 5.4.3. pontot a szállítás közben bekövetkező eseményekkel vagy balesetekkel kapcsolatos károk enyhítésével kapcsolatos írásbeli utasításokért.

IMGD / Lásd az 3.2.1 pontját a szállítással kapcsolatos különleges rendelkezésekről, követelményekről vagy figyelmeztetésekről.

IATA / Lásd az táblázat 4.2 pontját a szállítással kapcsolatos különleges rendelkezésekről, követelményekről vagy figyelmeztetésekről.

#### 14.6. A felhasználót érintő különleges óvintézkedések

Nem alkalmazható.

#### 14.7. Az IMO-szabályok szerinti tengeri ömlesztett szállítás

Nincs erre vonatkozó adat.

## 15. SZAKASZ: SZABÁLYOZÁSSAL KAPCSOLATOS INFORMÁCIÓK

### 15.1. Az adott anyaggal vagy keverékkel kapcsolatos biztonsági, egészségügyi és környezetvédelmi előírások/jogszabályok

*Alkalmazási korlátozások:*

Kizárólag szakmai felhasználó részére.

*Specifikus oktatásra vonatkozó követelmények:*

Nincs különleges követelmény.

*SEVESO - A veszélyes anyagok kategóriái / Megnevezett veszélyes anyagok:*

Nem alkalmazható.

*REACH, XVII. melléklete:*

izopropil-alkohol. A vegyi anyagra a REACH szerinti korlátozások vonatkoznak (XVII. melléklete - Bejegyzés száma 40).

etanol;etil-alkohol. A vegyi anyagra a REACH szerinti korlátozások vonatkoznak (XVII. melléklete - Bejegyzés száma 40).

*A tartalmat a tisztítószerekről szóló 648/2004 számú rendelet szerint kell címkézni.:*

- < 5%
- Anionos felületaktív anyagok
- Nem ionos felületaktív anyagok
- Illatanyagok
- Tartósítószer (PHENOXYETHANOL)

*Egyéb információ:*

Nem alkalmazható.

*Források:*

3/2002. (II. 8.) SzCsM-EüM együttes rendelet a munkahelyek munkavédelmi követelményeinek minimális szintjéről.  
Az Európai Parlament és a Tanács 648/2004/EK rendelet (2004. március 31.) a mosó- és tisztítószerekről.  
Veszélyes hulladékok: 2012. évi CLXXXV. törvény a hulladékról. 225/2015. (VIII. 7.) Korm. rendelet a veszélyes hulladékkal kapcsolatos egyes tevékenységek részletes szabályairól.  
Munkavédelem: 1993 évi XCIII. törvény a munkavédelemről és az ehhez kapcsolódó rendeletek.  
5/2020 (II.6.) ITM rendelet a kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről.  
44/2000 (XII. 27.) EüM rendelet a veszélyes anyagokkal és veszélyes készítményekkel kapcsolatos egyes eljárások, illetve tevékenységek részletes szabályairól.  
Az Európai Parlament és a Tanács 1272/2008/EK rendelet (2008. december 16.) az anyagok és keverékek osztályozásáról, címkézéséről és csomagolásáról (CLP).  
Az Európai Parlament és a Tanács 1907/2006/EK rendelete ( 2006. december 18 .) a vegyi anyagok regisztrálásáról, értékeléséről, engedélyezéséről és korlátozásáról (REACH).

## 15.2. Kémiai biztonsági értékelés

Nincs

## 16. SZAKASZ: EGYÉB INFORMÁCIÓK

### A H mondatok teljes szövege, ahogyan a 3. szakaszban is említve volt

- H225, Fokozottan tűzveszélyes folyadék és gőz.
- H302, Lenyelve ártalmas.
- H318, Súlyos szemkárosodást okoz.
- H319, Súlyos szemirritációt okoz.
- H335, Légúti irritációt okozhat.
- H336, Álmoságot vagy szédülést okozhat.

### Rövidítések és betűszavak

- ADN = A Veszélyes Áruk Nemzetközi Belvízi Szállításáról szóló Európai Egyezmény
- ADR = A Veszélyes Áruk Nemzetközi Közúti Szállításáról szóló Európai Egyezmény
- ATE = Akut Toxicitás Becslése
- BCF = Bio-koncentrációs Faktor
- CAS = Vegyi anyag Nyilvántartási Szolgálat
- CE = Európai megfelelés
- CLP = Az Európai Parlament és a Tanács Rendelete az Anyagok és Keverékek Besorolásáról, Címkézéséről és Csomagolásáról [EK Rendelet No. 1272/2008]
- CSA = Kémiai Biztonsági Értékelés
- CSR = Kémiai Biztonsági Jelentés
- DNEL = Származtatott Hatásmentes Szint
- EINECS = Létező Kereskedelmi Anyagok Európai Jegyzéke
- ES = Expozíciós Forgatókönyv
- EUH statement = CLP-specifikus Figyelmeztető mondat
- EuPCS = Uniós termékbesorolási rendszer
- EWC = Európai Hulladék Katalógus
- GHS = Vegyi Anyagok Osztályozásának és Címkézésének Globálisan Harmonizált Rendszere
- GWP = Globális felmelegedési potenciál
- IATA = Nemzetközi Légi Szállítási Szövetség
- IBC = Nagyméretű Csomagolóeszköz
- IMDG = Veszélyes Áruk Nemzetközi Tengerészeti Kódexe
- LogPq<sub>w</sub> = log oktanol/víz megoszlási együttható

MARPOL = Hajókról történő Szennyezés Megelőzéséről szóló és az 1978. évi Jegyzőkönyvvel módosított 1973. évi Nemzetközi Egyezmény. ("Marpol = tengeri szennyezés)  
OECD = Gazdasági Együttműködési és Fejlesztési Szervezet  
PBT = Perzisztens, Bioakkumulatív és Mérgező  
PNEC = Előre látható Hatástalan Koncentráció  
RID = Veszélyes Áruk Nemzetközi Vasúti Fuvarozásáról szóló Szabályzat  
RRN = REACH Regisztrációs Szám  
SCL = A(z) anyagnak egyedi koncentrációs határértéke van.  
SVHC = Különös Aggodalomra okot adó Anyagok  
STOT-RE = Célszervi Toxicitás - Ismétlődő Expozíció  
STOT-SE = Célszervi Toxicitás - Egyszeri Expozíció  
TWA = Idővel súlyozott átlagos  
UN = Egyesült Nemzetek  
UVCB = Ismeretlen szerkezetű vagy változó összetételű, komplex reakcióban keletkezett vagy biológiai eredetű anyagok.  
VOC = Illékony Szerves Vegyület  
vPvB = Nagyon Perzisztens és Nagyon Bioakkumulatív

**Egyéb információ**

Nem alkalmazható.

**A biztonsági adatlapot jóváhagyta:**

Quality & Compliance

**Egyéb**

A BA (Biztonsági Adatlap) utolsó kiadásához képest történt változást háromszög jelzi.  
Ezen biztonsági adatlapban lévő információk kizárólag erre a bizonyos termékre vonatkoznak, (ld. 1. szakasz) és nem szükségszerűen helyes más vegyszerek/termékek használatára.  
Javasolt ezen biztonsági adatlap átadása az aktuális termék felhasználónak. Ezen biztonsági adatlapban lévő információk nem használandók termék specifikációként.  
Országnyelv: HU-hu

SAFETY DATA SHEET

## i.26 kitchen polish (Alu-Air)

### SECTION 1: IDENTIFICATION

#### 1.1. Product identifier

*Trade name:*

i.26 kitchen polish (Alu-Air)

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

*Relevant identified uses of the substance or mixture:*

Washing and cleaning products (including solvent based products)  
Restricted to professional users.

*Uses advised against :*

None known.

#### 1.3. Details of the supplier of the safety data sheet

*Company and address:*

**Hygeniq B.V.**  
Postbus 618  
7500 AP Enschede  
The Netherlands  
+31 53 4282860  
+31 53 5393865  
www.hygeniq.com

*E-mail:*

info@hygeniq.com

*SDS date:*

5/26/2025

*SDS Version:*

1.0

#### 1.4. Emergency telephone number

Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL® (trriage.webpoisoncontrol.org) to get specific guidance for your case  
See also section 4 "First aid measures".

### SECTION 2: HAZARD(S) IDENTIFICATION

#### OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

#### 2.1. Classification of the substance or mixture

Aerosol 3; H229, Pressurised container: May burst if heated.

#### 2.2. Label elements

*Hazard pictogram(s):*

Not applicable.

*Signal word:*

Warning

**Hazard statement(s):**

Pressurised container: May burst if heated. (H229)

**Precautionary statement(s):**

**General:**

-

**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)  
Do not pierce or burn, even after use. (P251)

**Response:**

-

**Storage:**

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

**Disposal:**

-

**Additional labelling:**

Not applicable.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable. This product is a mixture.

### 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
isopropyl alcohol	CAS No.: 67-63-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol;ethyl alcohol	CAS No.: 64-17-5	1-3%	Flam. Liq. 2, H225 Eye Irrit. 2, H319	
2-phenoxyethanol	CAS No.: 122-99-6	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

### Other information

-

## SECTION 4: FIRST-AID MEASURES

### 4.1. Description of first aid measures

**General information:**

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an

unconscious person water or other drink.

**Inhalation:**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact:**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

**Eye contact:**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion:**

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

**Burns:**

Not applicable.

**4.2. Most important symptoms and effects, both acute and delayed**

None known.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medics**

Bring this safety data sheet or the label from this product.

## SECTION 5: FIRE-FIGHTING MEASURES

**5.1. Extinguishing media**

Not applicable.

**5.2. Special hazards arising from the substance or mixture**

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst. Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)  
Some metal oxides

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Poison Help Line on 1-800-222-1222 (24/7) in order to obtain further advice.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

**6.3. Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

earth and place in container for disposal according to local regulations.  
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.  
See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Do not pierce or burn, even after use.  
Smoking, drinking and consumption of food is not allowed in the work area.  
See section 8 "Exposure controls/personal protection" for information on personal protection.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.  
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

*Recommended storage material:*  
Keep only in original packaging.

*Storage conditions:*  
Dry, cool and well ventilated

*Incompatible materials:*  
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Aluminium oxide  
Long term exposure limit (OSHA Table Z-1) (mg/m<sup>3</sup>): 15 Total dust / 5 Respirable fraction  
Long term exposure limit (ACGIH TLV) (mg/m<sup>3</sup>): 1 (Respirable)  
Long term exposure limit (NIOSH REL) (mg/m<sup>3</sup>): 10

isopropyl alcohol  
Short term exposure limit (STEL) (ACGIH TLV) (ppm): 400  
Short term exposure limit (STEL) (NIOSH REL) (ppm): 500  
Long term exposure limit (OSHA Table Z-1) (mg/m<sup>3</sup>): 980  
Long term exposure limit (OSHA Table Z-1) (ppm): 400  
Long term exposure limit (ACGIH TLV) (ppm): 200

ethanol;ethyl alcohol  
Short term exposure limit (STEL) (ACGIH TLV) (ppm): 1000  
Long term exposure limit (OSHA Table Z-1) (mg/m<sup>3</sup>): 1900  
Long term exposure limit (OSHA Table Z-1) (ppm): 1000

Part 1910 - Occupational Safety and Health Standards (29 CFR 1910.1000 TABLE Z-1 - Limits for Air Contaminants)

### 8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

*General recommendations:*  
Smoking, drinking and consumption of food is not allowed in the work area.

*Exposure scenarios:*  
There are no exposure scenarios implemented for this product.

**Exposure limits:**

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

**Appropriate technical measures:**

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

**Hygiene measures:**

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

**Measures to avoid environmental exposure:**

No specific requirements.

**Individual protection measures, such as personal protective equipment**

**Generally:**

Use only protective equipment with a recognized certification mark, e.g. the UL mark.

**Respiratory Equipment:**

Type	Class	Colour	Standards	
No special when used as intended.				

**Skin protection:**

Recommended	Type/Category	Standards	
No special when used as intended.	-	-	

**Hand protection:**

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	No special when used as intended	-	-	-	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

**Eye protection:**

Type	Standards	
No special when used as intended.	-	

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

**Physical state:**

Liquid

**Color:**

White

**Odor:**

Of perfume

**Odor threshold (ppm):**

No data available.

**pH:**

ca. 9

*Density (g/cm<sup>3</sup>):*  
1.06 (20 °C)

*Kinematic viscosity:*  
No data available.

*Dynamic viscosity:*  
ca 1000 mPa.s (20 °C)

*Particle characteristics:*  
Does not apply to liquids.

### **Phase changes**

*Melting point/freezing point (°F):*  
No data available.

*Softening point/range (°F):*  
Does not apply to liquids.

*Boiling point (°F):*  
No data available.

*Vapor pressure:*  
No data available.

*Relative vapor density:*  
No data available.

*Decomposition temperature (°F):*  
No data available.

### **Data on fire and explosion hazards**

*Flash point (°F):*  
No data available.

*Flammability (°F):*  
No data available.

*Auto-ignition temperature (°F):*  
No data available.

*Explosion limits (% v/v):*  
No data available.

### **Solubility**

*Solubility in water:*  
No data available.

*n-octanol/water coefficient (LogKow):*  
No data available.

*Solubility in fat (g/L):*  
No data available.

### **9.2. Other information**

*Other physical and chemical parameters:*  
No data available.

*Oxidizing properties:*  
No data available.

## **SECTION 10: STABILITY AND REACTIVITY**

### **10.1. Reactivity**

No data available.

### **10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 “Handling and storage”.

**10.3. Possibility of hazardous reactions, including those associated with foreseeable emergencies**

None known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**10.6. Hazardous decomposition products**

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

**Acute toxicity**

Product/substance	Aluminium oxide
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 5 mg/L

Product/substance	Aluminium oxide
Species:	Rat
Route of exposure:	Oral
Result:	> 5000 mg/kg

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>20

Product/substance	isopropyl alcohol
Route of exposure:	Oral
Test:	LD50
Result:	5849 mg/kg

Product/substance	isopropyl alcohol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5840 mg/kg

Product/substance	isopropyl alcohol
Species:	Rabbit
Route of exposure:	Dermal

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

Test:	LD50
Result:	12800 mg/kg

Product/substance	isopropyl alcohol
Route of exposure:	Inhalation
Test:	LC50
Result:	301002 mg/L

Product/substance	2-phenoxyethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1840 mg/kg

Product/substance	2-phenoxyethanol
Species:	Rabbit
Route of exposure:	Dermal
Result:	>5000 mg/kg

Based on available data, the classification criteria are not met.

**Skin corrosion/irritation**

Product/substance	isopropyl alcohol
Test method:	OECD 404
Species:	Rabbit
Duration:	4 hours

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Corrosive)

Based on available data, the classification criteria are not met.

**Serious eye damage/irritation**

Product/substance	Aluminium oxide
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Product/substance	isopropyl alcohol
Species:	Rabbit
Result:	Adverse effect observed (Irritating)

Product/substance	isopropyl alcohol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Causes serious eye damage)

Based on available data, the classification criteria are not met.

**Respiratory sensitisation**

Product/substance	isopropyl alcohol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

**Skin sensitisation**

Product/substance	isopropyl alcohol
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Based on available data, the classification criteria are not met.

**Germ cell mutagenicity**

Product/substance	isopropyl alcohol
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Conclusion: No adverse effect observed

Based on available data, the classification criteria are not met.

**Carcinogenicity**

Based on available data, the classification criteria are not met.

**Reproductive toxicity**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Product/substance isopropyl alcohol  
Route of exposure: Oral

Based on available data, the classification criteria are not met.

**STOT-repeated exposure**

Based on available data, the classification criteria are not met.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**Long term effects**

None known.

**Other information**

isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

Product/substance isopropyl alcohol  
Species: Fish, Goudwinde (Leuciscus idus)  
Duration: 48 hours  
Test: LC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Crustacean, Daphnia magna  
Duration: 48 hours  
Test: EC50  
Result: >100 mg/L

Product/substance isopropyl alcohol  
Species: Algae, Scenedesmus subspicatus  
Duration: 72 hours  
Test: EC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: ErC50  
Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Daphnia magna  
Duration: 48 hours  
Test: EC50

Result: >100 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Test: NOEC  
Result: 23 mg/L

Product/substance 2-phenoxyethanol  
Species: Andere waterorganismen  
Duration: 30 minutes  
Test: EC50  
Result: >1000 mg/L

Based on available data, the classification criteria are not met.

### 12.2. Persistence and degradability

Product/substance isopropyl alcohol  
Result: 95%  
Conclusion: Readily biodegradable  
Test: OECD 301 E

Product/substance 2-phenoxyethanol  
Result: >70  
Conclusion: Readily biodegradable  
Test: OECD 301 A

### 12.3. Bioaccumulative potential

Product/substance isopropyl alcohol  
BCF: <100  
LogKow: <3  
Conclusion: -

Product/substance 2-phenoxyethanol  
BCF: 0.349  
LogKow: 1.2  
Conclusion: -

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

### 12.6. Other adverse effects

None known.

## SECTION 13: DISPOSAL CONSIDERATIONS

### RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)

None of the components are listed

### Specific labelling

### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
DOT	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information.
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information.
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	See below for additional information.

\* Packing group

\*\* Environmental hazards

**Additional information**

This product is within scope of the regulations of transport of dangerous goods.

DOT / See § 172.101 Hazardous Materials Table for any information on special provisions, requirements, or warnings in connection with transport. See § 172.602, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to IMO instruments**

No data available.

**SECTION 15: REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2. U.S. Federal regulations**



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

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*TSCA (the non-confidential portion):*

Aluminium oxide is listed  
isopropyl alcohol is listed  
ethanol;ethyl alcohol is listed  
2-phenoxyethanol is listed

*Clean Air Act:*

None of the components are listed

*EPCRA Section 302:*

None of the components are listed

*EPCRA Section 304:*

None of the components are listed

*EPCRA section 313:*

Aluminium oxide is listed  
isopropyl alcohol is listed

*CERCLA:*

None of the components are listed

*Hazardous chemical inventory reporting:*

This product is subject to Tier II reporting.

**State regulations**

*California / Prop. 65:*

None of the components are listed

*Massachusetts / Right To Know Act:*

Aluminium oxide is listed  
isopropyl alcohol is listed  
ethanol;ethyl alcohol is listed

*New Jersey / Right To Know Act:*

Aluminium oxide / Substance number: 2891

—  
isopropyl alcohol / Substance number: 1076  
isopropyl alcohol is on the Special Health Hazard Substance List

—  
ethanol;ethyl alcohol / Substance number: 0844  
ethanol;ethyl alcohol is on the Special Health Hazard Substance List

*New York / Right To Know Act:*

Aluminium oxide is listed  
Aluminium oxide is regulated with a Treshold Reporting Quantity (TRQ) of: 100 pounds

—  
isopropyl alcohol is listed  
isopropyl alcohol is regulated with a Treshold Reporting Quantity (TRQ) of: 0 pounds

—  
ethanol;ethyl alcohol is listed  
ethanol;ethyl alcohol is regulated with a Treshold Reporting Quantity (TRQ) of: 0 pounds

*Pennsylvania / Right To Know Act:*

Aluminium oxide is listed  
Aluminium oxide is hazardous to the environment (E)

—  
isopropyl alcohol is listed  
isopropyl alcohol is hazardous to the environment (E)

—  
ethanol;ethyl alcohol is listed

**15.4. Restrictions for application**

Restricted to professional users.

**15.5. Demands for specific education**

No specific requirements.

**15.6. Additional information**

Not applicable.

**15.7. Chemical safety assessment**

No

**15.8. Sources**

OSHA Hazard Communication Standard (29 CFR 1910.1200)

## SECTION 16: OTHER INFORMATION

**Full text of H-phrases as mentioned in section 3**

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

H336, May cause drowsiness or dizziness.

**The full text of identified uses as mentioned in section 1**

None known.

**Abbreviations and acronyms**

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act

SCL = A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

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VOC = Volatile Organic Compound  
vPvB = Very Persistent and Very Bioaccumulative

**Additional information**

Not applicable.

**The safety data sheet is validated by**

Quality & Compliance

**Other**

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: US-en