How to find your Safety Data Sheet

1. Click the button with your country and language
2. Your SDS will open automatically

i-hygienic
plant based cleaning

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

SAFETY DATA SHEET

iG.85 patio cleaner

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:
iG.85 patio cleaner

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:
08/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (1.0)

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified according to GHS

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9	10-15%	Acute Tox. 5, H303	
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour:
Characteristic

Odour threshold (ppm):
No data available.

pH:
8.4

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Result: 3800 mg/kg

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

Skin corrosion/irritation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (Not irritating)

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance: Neodecanoic acid

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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: Neodecanoic acid
Species: Algae, Pseudokirchneriella subcapitata
Duration: 72 hours
Result: >100 mg/L

Product/substance: Neodecanoic acid
Species: Daphnia, Daphnia magna
Duration: 48 hours
Result: > 1000 mg/L

Product/substance: Neodecanoic acid
Species: Fish, Oncorhynchus mykiss
Duration: 96 hours

Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

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
H303, May be harmful if swallowed
H319, Causes serious eye irritation.

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

A safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

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

iG.85 patio cleaner

ABSCHNITT 1: BEZEICHNUNG DES STOFFS BEZIEHUNGSWEISE DES GEMISCHS UND DES UNTERNEHMENS

1.1. Produktidentifikator

Handelsname:
iG.85 patio cleaner

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:
08.08.2025

SDB Version:
2.0

Datum der letzten Ausgabe:
26.05.2025 (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

2.1. Einstufung des Stoffs oder Gemischs

Nicht eingestuft gemäß der Verordnung (EG) Nr. 1272/2008 (CLP).

2.2. Kennzeichnungselemente

Gefahrenpiktogramme:
Nicht zutreffend.

Signalwort:

Nicht zutreffend.

Gefahrenhinweise:
Nicht zutreffend.

Sicherheitshinweise:

▼*Allgemeines:*
Nicht zutreffend.

▼*Prävention:*
Nicht zutreffend.

▼*Reaktion:*
Nicht zutreffend.

▼*Lagerung:*
Nicht zutreffend.

▼*Entsorgung:*
Nicht zutreffend.

Enthält:
Enthält keine meldepflichtigen Substanzen

▼*Andere Kennzeichnungen:*
EUH210, Sicherheitsdatenblatt auf Anfrage erhältlich.
Nicht zutreffend.

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.
Neodecanoic acid	CAS-Nr.: 26896-20-8 EG-Nr.: 248-093-9 REACH: Indexnr.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS-Nr.: 24634-61-5 EG-Nr.: 246-376-1 REACH: Indexnr.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 Unwohlsein: Person an die frische Luft bringen.

Nach Hautkontakt:
Bei Reizung: Produkt abwaschen. Bei andauernder Reizung: Arzt aufsuchen.

▼*Nach Augenkontakt:*
Sanft mit lauwarmem Wasser ausspülen. Entfernen Sie eventuelle Kontaktlinsen, wenn dies ohne Aufwand möglich ist. Weiter ausspülen. Bei anhaltender Augenreizung oder Unbehagen: Ärztliche Hilfe in Anspruch nehmen.

▼*Nach Verschlucken:*
Den Mund gründlich spülen und reichlich Wasser trinken. Bei andauerndem Unwohlsein: Arzt aufsuchen und dieses Datensicherheitsblatt vorlegen.

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
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 / CO2)
Einige Metalloxide

5.3. Hinweise für die Brandbekämpfung
Keine besonderen Anforderungen.

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

Berührung während Schwangerschaft und Stillzeit vermeiden.
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

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

2,2',2''-nitrilotriethanol
Kurzzeitwert (15 Minuten) (mg/m³): 10 E
Kurzzeitwert (15 Minuten) (ppm): 1,6
Arbeitsplatzgrenzwert (8 Stunden) (mg/m³): 5 E
Arbeitsplatzgrenzwert (8 Stunden) (ppm): 0,8
Bemerkungen:
S = der Arbeitsstoff löst in weit überdurchschnittlichem Maß allergische Überempfindlichkeitsreaktionen aus.

Grenzwerteverordnung 2024 - GVK 2024, BGBI. II Nr. 330/2024

DNEL

2,2',2''-nitrilotriethanol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	3.1 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	6.3 mg/kg/Tag
Langfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	1,25 mg/m³
Langfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	5 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	1.25 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	5 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	3.1 mg/kg/Tag

Neodecanoic acid

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	17.5 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	1.06 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	29 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	7.4 mg/kg/Tag
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	6.52 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	25.79 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	86 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	22.04 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	17.5 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	1.88 mg/kg/Tag

potassium (E,E)-hexa-2,4-dienoate

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Dermal	170 µg/cm²
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	20 mg/kg/day
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	20 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	40 mg/kg/day
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	40 mg/kg/Tag
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	26.08 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	52,17 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	52.17 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	17,63 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	17.63 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	2 mg/kg/day
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	2 mg/kg/Tag

PNEC

2,2',2''-nitrilotriethanol

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		151 µg/kg
Kläranlagen		10 mg/L
Pulsierende Freisetzung (Süßwasser)		5.12 mg/L
Seewasser		32 µg/L
Seewassersedimente		170 µg/kg
Süßwasser		320 µg/L
Süßwassersedimente		1.7 mg/kg

Neodecanoic acid

Expositionswege:	Dauer der Aussetzung:	PNEC:
Prädatoren		16.7 mg/kg
Seewasser		11 µg/L
Seewasser		0.0478 mg/L
Süßwasser		110 µg/L
Süßwasser		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		0,00167 g/cm³
Erde		1.67 mg/kg
Erde		0.276 mg/kg
Kläranlagen		0,01 g/cm³
Kläranlagen		10 mg/L
Pulsierende Freisetzung (Süßwasser)		0.48 mg/L
Seewasser		0,000048 g/cm³
Seewasser		100 µg/L
Seewassersedimente		0,000173 g/cm³
Seewassersedimente		360 µg/kg
Süßwasser		0,00048 g/cm³
Süßwasser		1 mg/L
Süßwassersedimente		0,00173 g/cm³
Süßwassersedimente		3.6 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:*

Nach Gebrauch Hände waschen.

Begrenzung der Umweltexposition:

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	-	-	

Empfohlen	Typ/Kategorien	Normen	
vorgesehenem Gebrauch.			

Handschutz:

Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch	-	-	-	

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:*
Farblos

Geruch / Geruchsschwelle (ppm):
Charakteristisch

pH:
8.4

Dichte (g/cm³):
1,05 (20 °C)

Kinematische Viskosität:
Es liegen keine Daten vor.

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:
Vollständig löslich

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:
ND: 1.389

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	Neodecanoic acid
Spezies:	Ratte
Expositionswegen:	Inhalation
Test:	LC50
Ergebnis:	> 3 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	> 3640 mg/kg

Produkt / Substanz	Neodecanoic acid

Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	2066 mg/kg

Produkt / Substanz	Neodecanoic acid
Expositionswegen:	Oral
Ergebnis:	2500 mg/kg

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	3800 mg/kg

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Ätz-/Reizwirkung auf die Haut

Produkt / Substanz	Neodecanoic acid
Ergebnis:	Keine schädlichen Wirkungen beobachtet (Nicht reizend)

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Schwere Augenschädigung/-reizung

Produkt / Substanz	Neodecanoic acid

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Sensibilisierung der Atemwege

Produkt / Substanz	Neodecanoic acid
Ergebnis:	Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Sensibilisierung der Haut

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Keimzell-Mutagenität

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

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

2,2',2''-nitrilotriethanol: Der Stoff wurde von der IARC in Gruppe 3 eingestuft.

ABSCHNITT 12: UMWELTBEZOGENE ANGABEN

12.1. Toxizität

Produkt / Substanz	Neodecanoic acid
Spezies:	Algen, Pseudokirchneriella subcapitata
Prüfdauer:	72 Stunden
Ergebnis:	>100 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Wasserflöhe, Daphnia magna
Prüfdauer:	48 Stunden
Ergebnis:	> 1000 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Fisch, Oncorhynchus mykiss
Prüfdauer:	96 Stunden
Ergebnis:	100-300 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Wasserflöhe, Daphnia magna
Prüfdauer:	21 Tage
Ergebnis:	10.1 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Fisch, Oncorhynchus mykiss
Prüfdauer:	14 Tage
Test:	NOEC
Ergebnis:	2.22 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Wasserflöhe, Daphnia magna
Prüfdauer:	21 Tage
Test:	NOEC
Ergebnis:	4.78 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 203
Spezies:	Fisch, Brachydanio rerio
Prüfdauer:	96 Stunden
Test:	LC50
Ergebnis:	>500 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 202
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	48 Stunden
Test:	EC50
Ergebnis:	982 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	LC50
Ergebnis:	>50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	EC50
Ergebnis:	>50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	NOEC
Ergebnis:	50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	LOEC
Ergebnis:	>50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	EbC50
Ergebnis:	1223 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	ErC50
Ergebnis:	221 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	NOEC
Ergebnis:	10,5 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	LOEC
Ergebnis:	21 mg/L

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

12.2. Persistenz und Abbaubarkeit

Produkt / Substanz	Neodecanoic acid
Ergebnis:	Leichte biologische Abbaubarkeit

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Ergebnis:	>95%
Ergebnis:	Leichte biologische Abbaubarkeit

12.3. Bioakkumulationspotenzial

Produkt / Substanz	Neodecanoic acid
Umwelt-kompartiment :	Süßwassersedimente

Prüfdauer:	14 Tage
BCF:	<225
LogKow:	2.08
Ergebnis:	Bioakkumulation nicht erwartet

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Verpackungsgruppe
** Umweltgefahren

Anderes
Kein Gefahrgut nach ADR, IATA und IMDG.

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.
Schwangere und Stillende dürfen nicht den Einwirkungen des Produktes ausgesetzt werden. Daher ist das Risiko und die Möglichkeit technischer Maßnahmen oder eine Einrichtung des Arbeitsplatzes zu erwägen, die derartigen Einwirkungen entgegenwirkt.

Bedarf für spezielle Schulung:
Keine besonderen Anforderungen.

Der Störfallverordnung - Gefahrenkategorien / Namentlich aufgeführte gefährliche Stoffe:
Nicht zutreffend.

WGK-Einstufung:
Wassergefährdungsklasse: WGK 3

Anderes:
Nicht zutreffend.

Verwendete Quellen:
Mutterschutzgesetz 1979 – MSchG, letzte Änderung mit BGBl. I nr. 160/2020.
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)
H319, Verursacht schwere Augenreizung.

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 eine 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

iG.85 patio cleaner

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

1.1. Product identifier

Trade name:
iG.85 patio cleaner

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:
8/8/2025

SDS Version:
2.0

Date of previous version:
26/5/2025 (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

2.1. Classification of the substance or mixture

Not classified according to the Work Health and Safety Regulations.

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:

Not applicable.

Hazard statement(s):
Not applicable.

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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
2,2',2''-nitrilotriethanol
Long term exposure limit (8 hours) (mg/m^3): 5
Annotations:
Sen = Respiratory and/or Skin Sensitiser.

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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour:
Characteristic

Odour threshold (ppm):
No data available.

pH:
8.4

Density (g/cm^3):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral

Result: 2500 mg/kg

Product/substance potassium (E,E)-hexa-2,4-dienoate
Species: Rat
Route of exposure: Oral
Test: LD50
Result: 3800 mg/kg

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

Skin corrosion/irritation

Product/substance Neodecanoic acid
Result: No adverse effect observed (Not irritating)

Product/substance potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance Neodecanoic acid

Product/substance potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance Neodecanoic acid
Result: No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

Based on available data, the classification criteria are not met.
2,2',2''-nitrilotriethanol 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

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 Neodecanoic acid
Species: Algae, Pseudokirchneriella subcapitata
Duration: 72 hours
Result: >100 mg/L

Product/substance Neodecanoic acid
Species: Daphnia, Daphnia magna

Duration:	48 hours
Result:	> 1000 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate

Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADG	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

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):
2,2',2''-nitrilotriethanol is listed
Neodecanoic acid is listed
potassium (E,E)-hexa-2,4-dienoate 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
H319, Causes serious eye irritation.

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
2,2',2''-nitrilotriethanol
Long term exposure limit (8 hours) (mg/m^3): 5
Annotations:
Sen = Respiratory and/or Skin Sensitiser.

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

iG.85 patio cleaner

ПОГЛАВЉЕ 1. ИДЕНТИФИКАЦИЈА ХЕМИКАЛИЈЕ И ПОДАЦИ О ЛИЦУ КОЈЕ СТАВЉА ХЕМИКАЛИЈУ У ПРОМЕТ

1.1. Идентификација хемикалије

Комерцијално име:
iG.85 patio cleaner

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

Компания 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:
8.8.2025.

Верзия безбедносног листа:
2.0

Датум претходне верзије:
26.5.2025. (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

2.1. Класификација хемикалије

Није класификовано према Правилник о класификацији, обиљежавању и паковању хемикалија.

2.2. Елементи обележавања

Пиктограм опасности:
Није применљиво.

Реч упозорења:
Није применљиво.

Обавештење о опасности:
Није применљиво.

Обавештење о мерама предострожности:

▼*Опште:*
Није применљиво.

▼*Превенција:*
Није применљиво.

▼*Реаговање:*
Није применљиво.

▼*Складиштење:*
Није применљиво.

▼*Одлагање:*
Није применљиво.

Опасне материје:
Не садржи никакве супстанце које је потребно пријавити

▼*Додатно обавештење о опасности:*
EUH210, Безбедносни лист доступан на захтев.
Није применљиво.

2.3. Остале опасности

Додатна упозорења:
Ова смеша/производ не садржи супстанце за које се сматра да испуњаваю 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
Neodecanoic acid	CAS бр.: 26896-20-8 EC бр.: 248-093-9 REACH: Индекс бр. :	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS бр.: 24634-61-5 EC бр.: 246-376-1 REACH: Индекс бр. : 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 являю се поспаност, губитак свести или грчеви: Позовите 124 и одмах почните са мерама помоći (прва помоć).
Ако имате сумње у вези са станйем повређене особе или ако симптоми потраю, обратите се лекару. Никад несвесной особи немойте давати воду или неко друго пиће.

▼*После удисања:*
У случаю мучнине: изведите особу на свеж ваздух.

У додиру са кожом:
У случаю иритације: исперите водом. У случаю упорне иритације, потражите лекарску помоć.

▼*Након контакта са очима:*
Благо исперите млаком водом. Уклоните контактна сочива ако је то лако учинити. Наставите са испирањем.
У случају упорне иритације или нелагодности ока: потражити медицинску помоћ.

▼*Након гутања:*
Темелйито исперите и оперите уста и конзумирайте велике количине воде. У случаю упорне мучнине: потражите медицинску помоć и понесите овай безбедносни лист.

Сагореванйе:
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
Пожар ће довести до стварања густог дима. Излаганйе запалйивим производима може наштетити вашем здравлю. Затворене посуде изложене ватри требало би охладити водом. Не дозволите да вода за гашенйе пожара доспе у канализацию и оближнйе површинске токове.
Уколико је производ изложен високим температурама, нпр. у случаю пожара, настаю опасна йединйеня као резултат нйеговог распаданя. То су:
Углйени оксиди (CO / CO2)
Неки метални оксиди

5.3. Савет за ватрогасце
Нема посебних захтева.

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
Избегавайте испуштанйе у йезера, потоке, канализацийе итд.
Неовлашћене особе држите подаље од изливања.

6.3. Мере које треба предузети и материјал за спречавање ширења и санацију

Користите песак, землю, вермикулит, диатомейску землю да бисте задржали и покупили незапалйиве упияюће материяле и ставите у контейнер за одлаганйе, у складу са локалним прописима.
Чишћенйе се у мери у којой йе то могуће обавля нормалним средствима за чишћенйе. Избегавайте употребу растварача.

6.4. Упућивање на друга поглавља
Погледайте поглавље 13 „Одлагање" у вези са поступком за отпад.
За заштитне мере погледайте поглавље 8 „Контрола изложености и лична заштита".

ПОГЛАВЉЕ 7. РУКОВАЊЕ И СКЛАДИШТЕЊЕ

7.1. Предострожности за безбедно руковање
Избегавати контакт за време трудноће или дојења.
Пушенйе, и конзумиранйе хране и пића нису дозволйени у радном простору.
За информацийе о личной заштити погледайте поглавље „Контрола изложености и лична заштита".

7.2. ▼Услови за безбедно складиштење, укључујући некомпатибилности

Препоручени материјал за складиштење:
Чувати само у оригиналној амбалажи.

Температура складиштеня:
Суво, хладно и добро проветравано

Некомпатибилни материјали:
Яке киселине, яке базе, яка оксидациона средства и яка редукциона средства.

7.3. Посебни начини коришћења
Овай 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 националной листи супстанци са ограниченйем у погледу изложености током рада нийе наведена нийедна супстанца.

DNEL
Neodecanoic acid

Траянйе:	**Пут експозиције:**	**DNEL:**
Дугорочно - Системски - Потрошач	Дерматолошки	17.5 mg/kg/дан
Дугорочно - Системски - Потрошач	Дерматолошки	1.06 mg/kg/дан
Дугорочно - Системски - Радник	Дерматолошки	29 mg/kg/дан
Дугорочно - Системски - Радник	Дерматолошки	7.4 mg/kg/дан
Дугорочно - Локално - Потрошач	Инхалацијски	6.52 mg/m³
Дугорочно - Системски - Потрошач	Инхалацијски	25.79 mg/m³
Дугорочно - Системски - Радник	Инхалацијски	86 mg/m³
Дугорочно - Системски - Радник	Инхалацијски	22.04 mg/m³
Дугорочно - Системски - Потрошач	Орално	17.5 mg/kg/дан
Дугорочно - Системски - Потрошач	Орално	1.88 mg/kg/дан

potassium (E,E)-hexa-2,4-dienoate

Траянйе:	**Пут експозиције:**	**DNEL:**
Дугорочно - Локално - Потрошач	Дерматолошки	170 µg/cm²
Дугорочно - Системски - Потрошач	Дерматолошки	20 mg/kg/day
Дугорочно - Системски - Потрошач	Дерматолошки	20 mg/kg/дан

Дугорочно - Системски - Радник	Дерматолошки	40 mg/kg/day
Дугорочно - Системски - Радник	Дерматолошки	40 mg/kg/дан
Дугорочно - Локално - Потрошач	Инхалацијски	26.08 mg/m³
Дугорочно - Системски - Потрошач	Инхалацијски	52,17 mg/m³
Дугорочно - Системски - Потрошач	Инхалацијски	52.17 mg/m³
Дугорочно - Системски - Радник	Инхалацијски	17,63 mg/m³
Дугорочно - Системски - Радник	Инхалацијски	17.63 mg/m³
Дугорочно - Системски - Потрошач	Орално	2 mg/kg/day
Дугорочно - Системски - Потрошач	Орално	2 mg/kg/дан

PNEC

Neodecanoic acid

Пут експозиције:	**Траяње изложености:**	**PNEC:**
Морска вода		11 µg/L
Морска вода		0.0478 mg/L
Секундарно тровање		16.7 mg/kg
Слатка вода		110 µg/L
Слатка вода		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Пут експозиције:	**Траяње изложености:**	**PNEC:**
Морска вода		0,000048 g/cm³
Морска вода		100 µg/L
Периодично ослобађање (слатка вода)		0.48 mg/L
Постројењима за пречишћавање отпадних вода		0,01 g/cm³
Постројењима за пречишћавање отпадних вода		10 mg/L
Седимент мора		0,000173 g/cm³
Седимент мора		360 µg/kg
Седимент слатке воде		0,00173 g/cm³
Седимент слатке воде		3.6 mg/kg
Слатка вода		0,00048 g/cm³
Слатка вода		1 mg/L
Тло		0,00167 g/cm³
Тло		1.67 mg/kg
Тло		0.276 mg/kg

8.2. ▼Контрола изложености и лична заштита

Извршите општу контролу да бисте спречили непотребно излагање.

Опште препоруке:

Пушење, и конзумиранје хране и пића нису дозволйени у радном простору.

Сценарийи излаганя:

За овай производ нису имплементирани сценарийи изложености.

Границе излаганя:

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.

▼*Хигийенске мере:*

Оперите руке након употребе.

Мере спречаваня 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:

Материјал	Дебљина рукавице	Време продирања (Минути)	Стандарда	
Nema posebnih propisa kada se koristi kako je predvidjeno	-	-	-	

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

▼*Боју:*
Безбојно

Мирису / Прагу мириса (ppm):
Карактеристично

pH:
8.4

Релативна густина (g/cm³):
1,05 (20 °C)

Вискозитет:
Нема доступних података.

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:
У потпуности растворљив

Коефицијент расподеле у систему n-октанол/вода (LogKow):
Нема доступних података.

Растворлйивост у масти (g/L):
Нема доступних података.

9.2. Остали подаци

Остали физички и хемијски параметри:
ND: 1.389

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	Neodecanoic acid
Врсте:	Пацов
Пут експозиције:	Инхалацијски
Тест:	LC50
Вредност:	> 3 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Зец
Пут експозиције:	Дерматолошки
Тест:	LD50
Вредност:	> 3640 mg/kg

Хемијски назив	Neodecanoic acid
Врсте:	Пацов
Пут експозиције:	Орално
Тест:	LD50
Вредност:	2066 mg/kg

Хемијски назив	Neodecanoic acid
Пут експозиције:	Орално
Вредност:	2500 mg/kg

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Врсте:	Пацов
Пут експозиције:	Орално
Тест:	LD50
Вредност:	3800 mg/kg

На основу доступних података, критеријуми за класификацију нису испуњени.

Корозивно оштећење коже / иритација

Хемијски назив	Neodecanoic acid
Вредност:	Нису установљени негативни ефекти (Неиритантан)

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Вредност:	Установљени су негативни ефекти (Иритантан)

На основу доступних података, критеријуми за класификацију нису испуњени.

Тешко оштећење ока / иритација ока

Хемијски назив	Neodecanoic acid

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Вредност:	Установљени су негативни ефекти (Иритантан)

На основу доступних података, критеријуми за класификацију нису испуњени.

Сензибилизација коже

На основу доступних података, критеријуми за класификацију нису испуњени.

Сензибилизација респираторних органа

Хемијски назив	Neodecanoic acid
Вредност:	Нису установљени негативни ефекти (не сензибилизација)

На основу доступних података, критеријуми за класификацију нису испуњени.

Мутагеност геринативних ћелија

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

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 информацийе
Нема познатих.

ПОГЛАВЉЕ 12. ЕКОТОКСИКОЛОШКИ ПОДАЦИ

12.1. Токсичност

Хемијски назив	Neodecanoic acid
Врсте:	Алге, Pseudokirchneriella subcapitata
Траянйе:	72 сати
Вредност:	>100 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Водене буве, Daphnia magna
Траянйе:	48 сати
Вредност:	> 1000 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Рибе, Oncorhynchus mykiss
Траянйе:	96 сати
Вредност:	100-300 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Водене буве, Daphnia magna
Траянйе:	21 дана
Вредност:	10.1 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Рибе, Oncorhynchus mykiss
Траянйе:	14 дана
Тест:	NOEC
Вредност:	2.22 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Водене буве, Daphnia magna
Траянйе:	21 дана
Тест:	NOEC
Вредност:	4.78 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 203
Врсте:	Рибе, Brachydanio rerio
Траянйе:	96 сати
Тест:	LC50
Вредност:	>500 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate

Метод тестирања:	ОЕЦД 202
Врсте:	Ракови, Daphnia magna
Траянйе:	48 сати
Тест:	EC50
Вредност:	982 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 211
Врсте:	Ракови, Daphnia magna
Траянйе:	21 дана
Тест:	LC50
Вредност:	>50 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 211
Врсте:	Ракови, Daphnia magna
Траянйе:	21 дана
Тест:	EC50
Вредност:	>50 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 211
Врсте:	Ракови, Daphnia magna
Траянйе:	21 дана
Тест:	NOEC
Вредност:	50 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 211
Врсте:	Ракови, Daphnia magna
Траянйе:	21 дана
Тест:	LOEC
Вредност:	>50 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 201
Врсте:	Алге, Desmodesmus subspicatus
Траянйе:	72 сати
Тест:	EbC50
Вредност:	1223 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 201
Врсте:	Алге, Desmodesmus subspicatus
Траянйе:	72 сати
Тест:	ErC50
Вредност:	221 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 201
Врсте:	Алге, Desmodesmus subspicatus
Траянйе:	72 сати
Тест:	NOEC
Вредност:	10,5 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 201
Врсте:	Алге, Desmodesmus subspicatus
Траянйе:	72 сати
Тест:	LOEC
Вредност:	21 mg/L

На основу доступних података, критеријуми за класификацију нису испуњени.

12.2. Перзистентност и разградљивост

Хемијски назив	Neodecanoic acid
Закључак:	Лако биоразградива материја

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Вредност:	>95%
Закључак:	Лако биоразградива материја

12.3. Потенцијал биоакумулације

Хемијски назив	Neodecanoic acid
Окружење:	Седимент слатке воде
Траянйе:	14 дана
BCF:	<225
LogKow:	2.08
Закључак:	Биоакумулација се не очекује

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 испуняваю критериюме 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

Методе третмана отпада

Производ нийе обухваćен прописима о опасном отпаду.
Правилник о категоријама, испитивању и класификацији отпада (Службени гласник Републике Српске, број 19/15 и 79/18).

Кôд европског каталога отпада (EWЦ)

20 01 30 детерџенти другачији од оних наведених у 20 01 29

Специфично означаванйе

Контаминиране амбалаже

Амбалажа коя 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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Група паковања

** Опасност по животну средину

Додатне информације

Није опасна роба према ADR, IATA и IMDG.

14.6. Посебне предострожности за корисника

Није примењиво.

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

Ограниченя за примену:

Дозвољено само за професионално коришћење.
Труднице и жене које дође не смеју бити изложене овом производу. Мораю се узети у обзир ризик и могуће техничке мере предострожности или уредјења радног места што је потребно за смањење излагања.

Захтеви за специфичним образовањем:

Нема посебних захтева.

Додатне информације:

Није примењиво.

Извори:

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

H319, Доводи до јаке иритације ока.

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, означаваню и паковаю [Уредба (ЕЗ) бр. 1272/2008]
CSA = Процена хемијске безбедности
CSR = Извештај о хемијской безбедности
CTOT = Специфична цилјна токсичност органа
DMEL = Изведени минимални ниво ефекта
DNEL = Изведени ниво без ефекта
EINECS = Европски инвентар постојећих комерцијалних хемијских супстанци
ES = Сценарио изложености
EUH izjava = ЦЛП-специфична изява о опасности
EUPCS = Европски систем категоризације производа
EWЦ = Европски каталог отпада
GHS = Глобално усклађени систем класификације и обележаваня хемикалија
GWP (ГВП) = Потенцијал глобалног загревања
IARC = еђународна агенција за истраживање рака
IATA = Међународно удруженје за ваздушни саобраћај

IBC = Средњи контейнер за расути терет
IMDG = Међународна поморска опасна роба
LogPow = Логаритам коефицийента раздваяня октанол/вода
MARPOL = Међународна конвенция о спречаваню загађеня са бродова из 1973. године, изменйена протоколом из 1978. („Marpol“ = загађенйе мора)
ОЕЦД = Организация за Економску Царадню и Дазвой
ПБТ = Истраян, биоакумулативан и токсичан
PNEC = Предвиђена концентрация без ефекта
RID = Прописи койи се тичу међународног превоза опасне робе железницом
RRN = REACH регистрациони брой
SCL = има одређену границу концентрацийе.
SVHC = Веома забриняваюће супстанце
STOT-RE = Специфична цилйна токсичност органа - понавляна излаганя
STOT-SE = Специфична цилйна токсичност органа - пойединачна излаганя
TWA = Временски пондерисан просек
UN = Уйединйене нацийе
UVBC = Непознат или променљив састав, сложени продукти реакције или биолошки материјали
VOC = Нестабилно органско йединйенйе
вПвБ = Веома трайно и врло биоакумулативно

▼Додатне информацийе

За овай производ нийе потребно безбедноснио упутство. Ово безбедносно упутство йе резултат рада на доброволйной основи са цилйем да се релевантние информацийе учине доступним.

Безбедносни лист потврђуйе

Quality & Compliance

Остали подаци

Промена (сразмерно последнйой суштинской промени (прва шифра у верзийи СДС, погледайте поглавље 1)) обележена йе троуглом.
Подаци у овом безбедносном упутству односе се само на овай одређени производ (поменут у поглавље 1) и нису нужно тачни за употребу са другим хемикалияма/производима.
Препоручуйе се да ово безбедносно упутство дате стварном кориснику производа. Информацийе у овом безбедносном упутству не могу се користити као спецификацийе производа.
Земља-језик: BA-sr

FICHE DE DONNÉES DE SÉCURITÉ

iG.85 patio cleaner

RUBRIQUE 1: IDENTIFICATION DE LA SUBSTANCE/DU MÉLANGE ET DE LA SOCIÉTÉ/DE L'ENTREPRISE

1.1. Identificateur de produit

Marque commerciale:
iG.85 patio cleaner

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:
8/08/2025

Version de la fiche de données de sécurité:
2.0

Date de la précédente édition:
26/05/2025 (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

2.1. Classification de la substance ou du mélange

Non classé selon le Règlement (CE) n° 1272/2008.

2.2. Éléments d'étiquetage

Pictogramme(s) de danger:
Sans objet.

Mention d'avertissement:
Sans objet.

Mention(s) de danger:
Sans objet.

Conseil(s) de prudence:

▼*Générales:*
Sans objet.

▼*Précautions:*
Sans objet.

▼*Intervention:*
Sans objet.

▼*Stockage:*
Sans objet.

▼*Élimination:*
Sans objet.

Contient:
Ne contient pas de substances dont la déclaration est obligatoire

▼*Autre étiquetage:*
EUH210, Fiche de données de sécurité disponible sur demande.
Sans objet.

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
Neodecanoic acid	N° CAS : 26896-20-8 N° CE: 248-093-9 REACH: N° index :	10-15%		
potassium (E,E)-hexa-2,4-dienoate	N° CAS : 24634-61-5 N° CE: 246-376-1 REACH: N° index : 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 gêne : sortez la personne à l'air frais.

Contact cutané:
En cas d'irritation : rincez le produit. En cas d'irritation continue : Consultez un médecin.

▼*Contact visuel:*
Rincer délicatement à l'eau tiède. Retirer les éventuelles lentilles de contact si cela est facile à faire. Continuer à rincer. En cas d'irritation ou de gêne oculaire persistante : consulter un médecin.

▼*Ingestion:*
Rincez la bouche abondamment et buvez de grandes quantités d'eau. En cas de gêne continue : consultez une assistance médicale et présentez cette fiche de données de sécurité.

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
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
Pas d'exigences particulières.

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. Evitez 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

Éviter tout contact avec la substance au cours de la grossesse et pendant l'allaitement.
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

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

2,2',2''-nitrilotriethanol
Valeur limite (8 heures) (VLEP) (mg/m³): 5

Liste de valeurs limites d'exposition aux agents chimiques (L'AR du mai 2021).

DNEL

2,2',2''-nitrilotriethanol

Durée :	**Voie d'exposition :**	**DNEL :**
Effets systématiques à long terme - population globale	Cutanée	3.1 mg/kg/jour
Effets systématiques à long terme - Travailleurs	Cutanée	6.3 mg/kg/jour
Effets locaux à long terme - Travailleurs	Inhalation	1,25 mg/m³
Effets locaux à long terme - Travailleurs	Inhalation	5 mg/m³
Effets systématiques à long terme - population globale	Inhalation	1.25 mg/m³
Effets systématiques à long terme - Travailleurs	Inhalation	5 mg/m³
Effets systématiques à long terme - population globale	Orale	3.1 mg/kg/jour

Neodecanoic acid

Durée :	**Voie d'exposition :**	**DNEL :**
Effets systématiques à long terme - population globale	Cutanée	17.5 mg/kg/jour
Effets systématiques à long terme - population globale	Cutanée	1.06 mg/kg/jour
Effets systématiques à long terme - Travailleurs	Cutanée	29 mg/kg/jour
Effets systématiques à long terme - Travailleurs	Cutanée	7.4 mg/kg/jour
Effets locaux à long terme - population globale	Inhalation	6.52 mg/m³
Effets systématiques à long terme - population globale	Inhalation	25.79 mg/m³

Effets systématiques à long terme - Travailleurs	Inhalation	86 mg/m³
Effets systématiques à long terme - Travailleurs	Inhalation	22.04 mg/m³
Effets systématiques à long terme - population globale	Orale	17.5 mg/kg/jour
Effets systématiques à long terme - population globale	Orale	1.88 mg/kg/jour

potassium (E,E)-hexa-2,4-dienoate

Durée :	**Voie d'exposition :**	**DNEL :**
Effets locaux à long terme - population globale	Cutanée	170 µg/cm²
Effets systématiques à long terme - population globale	Cutanée	20 mg/kg/day
Effets systématiques à long terme - population globale	Cutanée	20 mg/kg/jour
Effets systématiques à long terme - Travailleurs	Cutanée	40 mg/kg/day
Effets systématiques à long terme - Travailleurs	Cutanée	40 mg/kg/jour
Effets locaux à long terme - population globale	Inhalation	26.08 mg/m³
Effets systématiques à long terme - population globale	Inhalation	52,17 mg/m³
Effets systématiques à long terme - population globale	Inhalation	52.17 mg/m³
Effets systématiques à long terme - Travailleurs	Inhalation	17,63 mg/m³
Effets systématiques à long terme - Travailleurs	Inhalation	17.63 mg/m³
Effets systématiques à long terme - population globale	Orale	2 mg/kg/day
Effets systématiques à long terme - population globale	Orale	2 mg/kg/jour

PNEC

2,2',2''-nitrilotriethanol

Voie d'exposition :	**Durée d'exposition :**	**PNEC :**
Eau de mer		32 µg/L
Eau douce		320 µg/L
Emission intermittente (eau douce)		5.12 mg/L
Installation de traitement des eaux usées		10 mg/L
Sédiments en eau de marines		170 µg/kg
Sédiments en eau douce		1.7 mg/kg
Sol		151 µg/kg

Neodecanoic acid

Voie d'exposition :	**Durée d'exposition :**	**PNEC :**
Eau de mer		11 µg/L
Eau de mer		0.0478 mg/L
Eau douce		110 µg/L
Eau douce		0.478 mg/L
Prédateurs		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Voie d'exposition :	**Durée d'exposition :**	**PNEC :**
Eau de mer		0,000048 g/cm³
Eau de mer		100 µg/L
Eau douce		0,00048 g/cm³
Eau douce		1 mg/L
Emission intermittente (eau douce)		0.48 mg/L

Installation de traitement des eaux usées		0,01 g/cm³
Installation de traitement des eaux usées		10 mg/L
Sédiments en eau de marines		0,000173 g/cm³
Sédiments en eau de marines		360 µg/kg
Sédiments en eau douce		0,00173 g/cm³
Sédiments en eau douce		3.6 mg/kg
Sol		0,00167 g/cm³
Sol		1.67 mg/kg
Sol		0.276 mg/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:*

Se laver les mains après utilisation.

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:

Matériel	Épaisseur minimum (mm)	Délai de rupture (min.)	Normes	
Rien de spécial quand utilisé tel que prévu	-	-	-	

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:*
Incolore

Odeur / Seuil olfactif (ppm):
Caractéristique

pH:
8.4

Densité (g/cm^3):
1,05 (20 °C)

Viscosité cinématique:
Aucune information disponible.

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:
Complètement soluble

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:
ND: 1.389

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	Neodecanoic acid
Espèce :	Rat
Voie d'exposition :	Inhalation
Test :	CL50
Valeur :	> 3 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Lapin
Voie d'exposition :	Cutanée
Test :	DL50
Valeur :	> 3640 mg/kg

Produit/composant	Neodecanoic acid
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	2066 mg/kg

Produit/composant	Neodecanoic acid
Voie d'exposition :	Orale
Valeur :	2500 mg/kg

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	3800 mg/kg

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Corrosion cutanée/irritation cutanée

Produit/composant	Neodecanoic acid
Valeur :	Aucun effet nocif observé (Non irritant)

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Valeur :	Effets nocifs observés (Irritant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Lésions oculaires graves/irritation oculaire

Produit/composant	Neodecanoic acid

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Valeur :	Effets nocifs observés (Irritant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Sensibilisation respiratoire

Produit/composant	Neodecanoic acid
Valeur :	Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Sensibilisation cutanée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Mutagénicité sur les cellules germinales

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

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

2,2',2''-nitrilotriethanol: La substance a été classée dans le groupe 3 par le CIRC.

RUBRIQUE 12: INFORMATIONS ÉCOLOGIQUES

12.1. Toxicité

Produit/composant	Neodecanoic acid
Espèce :	Algues, Pseudokirchneriella subcapitata
Durée :	72 heures
Valeur :	>100 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Daphnie, Daphnia magna
Durée :	48 heures
Valeur :	> 1000 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Poisson, Oncorhynchus mykiss
Durée :	96 heures
Valeur :	100-300 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Daphnie, Daphnia magna
Durée :	21 jours
Valeur :	10.1 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Poisson, Oncorhynchus mykiss
Durée :	14 jours
Test :	CSEO
Valeur :	2.22 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Daphnie, Daphnia magna
Durée :	21 jours
Test :	CSEO
Valeur :	4.78 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 203
Espèce :	Poisson, Brachydanio rerio
Durée :	96 heures
Test :	CL50
Valeur :	>500 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 202
Espèce :	Crustacés, Daphnia magna
Durée :	48 heures
Test :	CE50
Valeur :	982 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours
Test :	CL50
Valeur :	>50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours
Test :	CE50
Valeur :	>50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours
Test :	CSEO
Valeur :	50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours

Test :	LOEC
Valeur :	>50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	EbC50
Valeur :	1223 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	ErC50
Valeur :	221 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	CSEO
Valeur :	10,5 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	LOEC
Valeur :	21 mg/L

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

12.2. Persistance et dégradabilité

Produit/composant	Neodecanoic acid
Conclusion :	Biodégradabilité facile

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Valeur :	>95%
Conclusion :	Biodégradabilité facile

12.3. Potentiel de bioaccumulation

Produit/composant	Neodecanoic acid
Milieu environnemental :	Sédiments en eau douce
Durée :	14 jours
BCF:	<225
LogKow :	2.08
Conclusion :	Il n'est pas prévu de bioaccumulation

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 informations :
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Groupe d'emballage
** Dangers pour l'environnement

Autre
Marchandises non dangereuses conformément à ADR, IATA et IMDG.

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.
Les femmes enceintes et allaitantes ne doivent pas être exposées aux effets du produit. La prise en compte des risques et les mesures techniques à adopter ou l'aménagement du lieu de travail pour faire face à de tels effets nocifs doit donc être évaluée.

Demandes de formation spécifique:
Pas d'exigences particulières.

Protection contre les accidents majeurs - Categories / Substances dangereuses désignées:
Sans objet.

Autre:
Sans objet.

Sources:
Loi sur le travail du 24-01-1985, mise à jour au 31-12-2020.
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

H319, Provoque une sévère irritation des yeux.

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
LogKoe = 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

iG.85 patio cleaner

RUBRIEK 1: IDENTIFICATIE VAN DE STOF OF HET MENGSEL EN VAN DE VENNOOTSCHAP/ONDERNEMING

1.1. Productidentificatie

Handelsnaam:
iG.85 patio cleaner

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:
8/08/2025

SDS-versie:
2.0

Datum vorige uitgave:
26/05/2025 (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

2.1. Indeling van de stof of het mengsel

Niet geclassificeerd volgens de Verordening (EG) Nr.1272/2008 (CLP).

2.2. Etiketteringselementen

Gevarenpictogram(men):
Niet van toepassing.

Signaalwoord:
Niet van toepassing.

Gevarenaanduidingen:
Niet van toepassing.

Veiligheidsaanbevelingen:

▼*Algemeen:*
Niet van toepassing.

▼*Preventie:*
Niet van toepassing.

▼*Reactie:*
Niet van toepassing.

▼*Opslag:*
Niet van toepassing.

▼*Verwijdering:*
Niet van toepassing.

Stoffen waarvoor meldingsplicht geldt:
Bevat geen informatieplichtige stoffen

▼*Andere opmerkingen:*
EUH210, Veiligheidsinformatieblad op verzoek verkrijgbaar.
Niet van toepassing.

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.
Neodecanoic acid	CAS Nr.: 26896-20-8 EG Nr: 248-093-9 REACH: Catalogusnr.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS Nr.: 24634-61-5 EG Nr: 246-376-1 REACH: Catalogusnr.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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:*
Bij onwel voelen: Breng de persoon naar de frisse lucht.

Bij huidcontact:
Bij irritatie: Was het product eraf. Bij aanhoudende irritatie: Ga naar een arts.

▼*Bij oogcontact:*
Spoel voorzichtig met lauwwarm water. Verwijder contactlenzen als dit gemakkelijk kan worden gedaan. Blijf spoelen. In geval van aanhoudende irritatie van de ogen of ongemak: roep medische hulp in.

▼*Bij inslikken:*
Spoel de mond en drink veel water. Bij aanhoudend onwel voelen: ga naar een arts en laat dit veiligheidsgegevensblad zien.

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
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 / CO2)
Enkele metaaloxiden

5.3. Advies voor brandweerlieden
Geen bijzondere eisen.

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. Milieuvoorzorgsmaatregelen
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

Bij zwangerschap of borstvoeding aanraking vermijden.
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

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

2,2',2''-nitrilotriethanol
Grenswaarde (TGG 8 uur) (mg/m³): 5

Lijst van de grenswaarden voor blootstelling aan chemische agentia (KB van mei 2021).

DNEL

2,2',2''-nitrilotriethanol

Duur:	Blootstellingsroute:	DNEL:
Lange termijn - Lokale effecten - Arbeiders	Inademing	1,25 mg/m³
Lange termijn - Lokale effecten - Arbeiders	Inademing	5 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Inademing	1.25 mg/m³
Lange termijn - Systemische effecten - Arbeiders	Inademing	5 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Oraal	3.1 mg/kg bw/dag
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	3.1 mg/kg bw/dag
Lange termijn - Systemische effecten - Arbeiders	Via de huid	6.3 mg/kg bw/dag

Neodecanoic acid

Duur:	Blootstellingsroute:	DNEL:
Lange termijn - Lokale effecten - Algehele populatie	Inademing	6.52 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Inademing	25.79 mg/m³
Lange termijn - Systemische effecten - Arbeiders	Inademing	86 mg/m³
Lange termijn - Systemische effecten - Arbeiders	Inademing	22.04 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Oraal	17.5 mg/kg bw/dag

Lange termijn - Systemische effecten - Algehele populatie	Oraal	1.88 mg/kg bw/dag
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	17.5 mg/kg bw/dag
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	1.06 mg/kg bw/dag
Lange termijn - Systemische effecten - Arbeiders	Via de huid	29 mg/kg bw/dag
Lange termijn - Systemische effecten - Arbeiders	Via de huid	7.4 mg/kg bw/dag

potassium (E,E)-hexa-2,4-dienoate

Duur:	**Blootstellingsroute:**	**DNEL:**
Lange termijn - Lokale effecten - Algehele populatie	Inademing	26.08 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Inademing	52,17 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Inademing	52.17 mg/m³
Lange termijn - Systemische effecten - Arbeiders	Inademing	17,63 mg/m³
Lange termijn - Systemische effecten - Arbeiders	Inademing	17.63 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Oraal	2 mg/kg/d
Lange termijn - Systemische effecten - Algehele populatie	Oraal	2 mg/kg bw/dag
Lange termijn - Lokale effecten - Algehele populatie	Via de huid	170 µg/cm²
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	20 mg/kg/d
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	20 mg/kg bw/dag
Lange termijn - Systemische effecten - Arbeiders	Via de huid	40 mg/kg/d
Lange termijn - Systemische effecten - Arbeiders	Via de huid	40 mg/kg bw/dag

PNEC

2,2',2''-nitrilotriethanol

Blootstellingsroute:	**Blootstellingsduur:**	**PNEC:**
Aarde		151 µg/kg
Afvalwaterzuiveringsinstallatie		10 mg/L
Intermitterende vrijlating (zoet water)		5.12 mg/L
Zeewater		32 µg/L
Zeewatersediment		170 µg/kg
Zoet water		320 µg/L
Zoetwatersediment		1.7 mg/kg

Neodecanoic acid

Blootstellingsroute:	**Blootstellingsduur:**	**PNEC:**
Predatoren		16.7 mg/kg
Zeewater		11 µg/L
Zeewater		0.0478 mg/L
Zoet water		110 µg/L
Zoet water		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Blootstellingsroute:	**Blootstellingsduur:**	**PNEC:**
Aarde		0,00167 g/cm³
Aarde		1.67 mg/kg
Aarde		0.276 mg/kg
Afvalwaterzuiveringsinstallatie		0,01 g/cm³

Afvalwaterzuiveringsinstallatie		10 mg/L
Intermitterende vrijlating (zoet water)		0.48 mg/L
Zeewater		0,000048 g/cm³
Zeewater		100 µg/L
Zeewatersediment		0,000173 g/cm³
Zeewatersediment		360 µg/kg
Zoet water		0,00048 g/cm³
Zoet water		1 mg/L
Zoetwatersediment		0,00173 g/cm³
Zoetwatersediment		3.6 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 afzuigsysteem 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 maatregele:*

Was de handen na gebruik.

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:

Materiaal	Minimale laagdikte (mm)	Doorbraaktijd (min.)	Normen	
Geen bijzondere bij normaal doelbewust gebruik	-	-	-	

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:*
Kleurloos

Geur / Geurdrempelwaarde (ppm):
Karakteristiek

pH:
8.4

Soortelijk gewicht (g/cm³):
1,05 (20 °C)

Kinematische viscositeit:
Geen gegevens beschikbaar.

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:
Volledig oplosbaar

n-octanol/water coëfficient (LogKow):
Geen gegevens beschikbaar.

Oplosbaarheid in vet (g/L):
Geen gegevens beschikbaar.

9.2. Overige informatie

Andere fysische en chemische parameters:
ND: 1.389

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	Neodecanoic acid
Soorten:	Rat
Blootstellingsroute:	Inademing
Test:	LC50
Resultaat:	> 3 mg/L

Product / ingrediënt	Neodecanoic acid
Soorten:	Konijn
Blootstellingsroute:	Via de huid
Test:	LD50
Resultaat:	> 3640 mg/kg

Product / ingrediënt	Neodecanoic acid
Soorten:	Rat
Blootstellingsroute:	Oraal
Test:	LD50
Resultaat:	2066 mg/kg

Product / ingrediënt	Neodecanoic acid
Blootstellingsroute:	Oraal
Resultaat:	2500 mg/kg

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Soorten:	Rat
Blootstellingsroute:	Oraal
Test:	LD50

Resultaat: 3800 mg/kg

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Huidcorrosie/-irritatie

Product / ingrediënt: Neodecanoic acid
Resultaat: Geen schadelijke effecten waargenomen (Niet irriterend)

Product / ingrediënt: potassium (E,E)-hexa-2,4-dienoate
Resultaat: Schadelijke effecten waargenomen (Irriterend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Ernstig oogletsel/oogirritatie

Product / ingrediënt: Neodecanoic acid

Product / ingrediënt: potassium (E,E)-hexa-2,4-dienoate
Resultaat: Schadelijke effecten waargenomen (Irriterend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Sensibilisatie van de luchtwegen

Product / ingrediënt: Neodecanoic acid
Resultaat: Geen schadelijke effecten waargenomen (niet sensibiliserend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Sensibilisatie van de huid

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Mutageniteit in geslachtscellen

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

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

2,2',2''-nitrilotriethanol: De stof is geclassificeerd als groep 3 door IARC.

RUBRIEK 12: ECOLOGISCHE INFORMATIE

12.1. Toxiciteit

Product / ingrediënt: Neodecanoic acid
Soorten: Algen, Pseudokirchneriella subcapitata
Duur: 72 uur
Resultaat: >100 mg/L

Product / ingrediënt: Neodecanoic acid

Soorten:	Watervlo, Daphnia magna
Duur:	48 uur
Resultaat:	> 1000 mg/L

Product / ingrediënt	Neodecanoic acid
Soorten:	Vis, Oncorhynchus mykiss
Duur:	96 uur
Resultaat:	100-300 mg/L

Product / ingrediënt	Neodecanoic acid
Soorten:	Watervlo, Daphnia magna
Duur:	21 dagen
Resultaat:	10.1 mg/L

Product / ingrediënt	Neodecanoic acid
Soorten:	Vis, Oncorhynchus mykiss
Duur:	14 dagen
Test:	NOEC
Resultaat:	2.22 mg/L

Product / ingrediënt	Neodecanoic acid
Soorten:	Watervlo, Daphnia magna
Duur:	21 dagen
Test:	NOEC
Resultaat:	4.78 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 203
Soorten:	Vis, Brachydanio rerio
Duur:	96 uur
Test:	LC50
Resultaat:	>500 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 202
Soorten:	Schaaldier, Daphnia magna
Duur:	48 uur
Test:	EC50
Resultaat:	982 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 211
Soorten:	Schaaldier, Daphnia magna
Duur:	21 dagen
Test:	LC50
Resultaat:	>50 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 211
Soorten:	Schaaldier, Daphnia magna
Duur:	21 dagen
Test:	EC50
Resultaat:	>50 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 211
Soorten:	Schaaldier, Daphnia magna
Duur:	21 dagen
Test:	NOEC
Resultaat:	50 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 211
Soorten:	Schaaldier, Daphnia magna
Duur:	21 dagen
Test:	LOEC
Resultaat:	>50 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 201
Soorten:	Algen, Desmodesmus subspicatus
Duur:	72 uur
Test:	EbC50
Resultaat:	1223 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 201
Soorten:	Algen, Desmodesmus subspicatus
Duur:	72 uur
Test:	ErC50
Resultaat:	221 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 201
Soorten:	Algen, Desmodesmus subspicatus
Duur:	72 uur
Test:	NOEC
Resultaat:	10,5 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 201
Soorten:	Algen, Desmodesmus subspicatus
Duur:	72 uur
Test:	LOEC
Resultaat:	21 mg/L

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

12.2. Persistentie en afbreekbaarheid

Product / ingrediënt	Neodecanoic acid
Conclusie:	Gemakkelijk biologisch afbreekbaar

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Resultaat:	>95%
Conclusie:	Gemakkelijk biologisch afbreekbaar

12.3. Bioaccumulatie

Product / ingrediënt	Neodecanoic acid
Milieucompartiment:	Zoetwatersediment
Duur:	14 dagen
BCF:	<225
LogKow:	2.08
Conclusie:	Bioaccumulatie wordt niet verwacht

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 Transportgevarenklasse(n)	14.4 PG*	14.5. Env**	Andere informatie:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Verpakkingsgroep

** Milieugevaren

Overig
Geen gevaarlijke goederen volgens ADR, IATA en IMDG.

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.
Zwangere en zogende vrouwen mogen niet worden blootgesteld aan de invloeden van het product. Om zulke invloeden tegen te gaan zou de werkplek van een technische installatie of inrichting moeten worden voorzien.

Eisen t.o.v. speciale opleidingen:
Geen bijzondere eisen.

SEVESO - Gevarencategorieën / Gevaarlijke stoffen:
Niet van toepassing.

Overig:
Niet van toepassing.

Bronnen:
Arbeidswet vanaf 24-01-1985, tekstbijwerking tot 31-12-2020.
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
H319, Veroorzaakt ernstige oogirritatie.

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 Cataloog
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 protoclol 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 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 Bioaccummulatief

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

iG.85 patio cleaner

РАЗДЕЛ 1: ИДЕНТИФИКАЦИЯ НА ВЕЩЕСТВОТО/СМЕСТА И НА ДРУЖЕСТВОТО/ПРЕДПРИЯТИЕТО

1.1. Идентификатор на продукта

Търговско наименование:
iG.85 patio cleaner

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

E-поща:
info@hygeniq.com

Преработено издание:
8.08.2025 г.

SDS версия:
2.0

Дата на предходно издание:
26.05.2025 г. (1.0)

1.4. Телефонен номер при спешни случаи

Национален токсикологичен информационен център, Телефон за спешни случаи: +359 2 9154 233 (www.pirogov.bg)
Вижте раздел 4 "Мерки за първа помощ".

РАЗДЕЛ 2: ОПИСАНИЕ НА ОПАСНОСТИТЕ

2.1. Класифициране на веществото или сместа

Некласифициран съгласно Регламент (ЕО) № 1272/2008 (CLP).

2.2. Елементи на етикета

Пиктограма(и) за опасност:
Не е приложимо.

Сигнална дума:
Не е приложимо.

Декларация(и) за опасност:
Не е приложимо.

Декларация(и) за безопасност:

▼*Общи:*
Не е приложимо.

▼*Предотвратяване:*
Не е приложимо.

▼*Отговор:*
Не е приложимо.

▼*Съхранение:*
Не е приложимо.

▼*Изхвърляне:*
Не е приложимо.

Идентичност на веществата, основно отговорни за най-големите опасности за здравето:
Не съдържа вещества, задължени да докладват

▼*Допълнително етикиране:*
EUH210, Информационен лист за безопасност ще бъде представен при поискване.
Не е приложимо.

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	Забележка
Neodecanoic acid	CAS №: 26896-20-8 ЕО №: 248-093-9 REACH: Индекс №:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS №: 24634-61-5 ЕО №: 246-376-1 REACH: Индекс №: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 произшествия - 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:*
В случай на дискомфорт: изведете лицето на чист въздух.

Контакт с кожата:
В случай на дразнене: изплакнете продукта. В случай на продължително дразнене на очите: да се потърси медицинска помощ.

▼*Контакт с очите:*
Изплакнете внимателно с хладка вода. Отстранете евентуални контактни лещи, ако това става лесно. Продължете с изплакването. В случай на продължително дразнене или дискомфорт, потърсете лекарска помощ.

▼*Поглъщане:*
Изплакнете обилно устата и пийте повече вода. В случай на продължителен дискомфорт: да се потърси медицинска помощ и да се вземе този информационен лист за безопасност.

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
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 / CO2)
Някои метални оксиди

5.3. Съвети за пожарникарите
Няма специфични изисквания.

РАЗДЕЛ 6: МЕРКИ ПРИ АВАРИЙНО ИЗПУСКАНЕ

6.1. Лични предпазни мерки, предпазни средства и процедури при спешни случаи
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 се избягва контакт по време на бременност и при кърмене.
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

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 окислители, 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

Продуктът не съдържа вещества, включени в българския списък на вещества с ограничителни стойности на експозиция на работното място.

DNEL

Neodecanoic acid

Продължителност:	**Маршрут на експозиция:**	**DNEL:**
Дълготрайна - локални ефекти - цялото население	Вдишване	6.52 mg/m³
Дълготрайна - систематични ефекти - работници	Вдишване	86 mg/m³
Дълготрайна - систематични ефекти - работници	Вдишване	22.04 mg/m³
Дълготрайна - систематични ефекти - цялото население	Вдишване	25.79 mg/m³
Дълготрайна - систематични ефекти - работници	Дермално	29 mg/kg/ден
Дълготрайна - систематични ефекти - работници	Дермално	7.4 mg/kg/ден
Дълготрайна - систематични ефекти - цялото население	Дермално	17.5 mg/kg/ден
Дълготрайна - систематични ефекти - цялото население	Дермално	1.06 mg/kg/ден
Дълготрайна - систематични ефекти - цялото население	Орално	17.5 mg/kg/ден
Дълготрайна - систематични ефекти - цялото население	Орално	1.88 mg/kg/ден

potassium (E,E)-hexa-2,4-dienoate

Продължителност:	**Маршрут на експозиция:**	**DNEL:**

Дълготрайна - локални ефекти - цялото население	Вдишване	26.08 mg/m³
Дълготрайна - систематични ефекти - работници	Вдишване	17,63 mg/m³
Дълготрайна - систематични ефекти - работници	Вдишване	17.63 mg/m³
Дълготрайна - систематични ефекти - цялото население	Вдишване	52,17 mg/m³
Дълготрайна - систематични ефекти - цялото население	Вдишване	52.17 mg/m³
Дълготрайна - локални ефекти - цялото население	Дермално	170 µg/cm²
Дълготрайна - систематични ефекти - работници	Дермално	40 mg/kg/day
Дълготрайна - систематични ефекти - работници	Дермално	40 mg/kg/ден
Дълготрайна - систематични ефекти - цялото население	Дермално	20 mg/kg/day
Дълготрайна - систематични ефекти - цялото население	Дермално	20 mg/kg/ден
Дълготрайна - систематични ефекти - цялото население	Орално	2 mg/kg/day
Дълготрайна - систематични ефекти - цялото население	Орално	2 mg/kg/ден

PNEC

Neodecanoic acid

Маршрут на експозиция:	**Продължителност на излагане:**	**PNEC:**
Хищници		16.7 mg/kg
Морска вода		11 µg/L
Морска вода		0.0478 mg/L
Сладководна среда		110 µg/L
Сладководна среда		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Маршрут на експозиция:	**Продължителност на излагане:**	**PNEC:**
Морска вода		0,000048 g/cm³
Морска вода		100 µg/L
Морска вода утайки		0,000173 g/cm³
Морска вода утайки		360 µg/kg
Периодично изпускане (сладководна среда)		0.48 mg/L
Почва		0,00167 g/cm³
Почва		1.67 mg/kg
Почва		0.276 mg/kg
Пречиствателна станция за отпадни води		0,01 g/cm³
Пречиствателна станция за отпадни води		10 mg/L
Сладководна среда		0,00048 g/cm³
Сладководна среда		1 mg/L
Сладководна среда утайки		0,00173 g/cm³
Сладководна среда утайки		3.6 mg/kg

8.2. ▼Контрол на експозицията

Прилагайте общ контрол, за да се предотврати излишно излагане.

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:
Няма максимални стойности на експозиция за веществата, съдържащи се в този продукт.

Подходящи технически мерки:
При употреба на продукта прилагайте стандартни предпазни мерки. Избягвайте вдишване на парите.

▼*Мерки за лична хигиена:*
Измивайте ръцете след употреба.

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:

Материал	Минимална дебелина на слоя (мм)	Период на издръжливост (минути)	Стандарти	
Няма специални, ако се използва по предназначение	-	-	-	

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:*
Безцветен

Мирис / Граница на мириса (ppm):
Характерен

pH:
8.4

Плътност (г/см³):
1,05 (20 °C)

Кинематичен вискозитет:
Няма налични данни.

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 екзплозия (Обем %):
Няма налични данни.

Разтворимост

Разтворимост във вода:
Напълно разтворимо

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:
ND: 1.389

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 окислители, 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	Neodecanoic acid
Видове:	Плъх
Маршрут на експозиция:	Вдишване
Изпитване:	LC50
Резултат:	> 3 mg/L

Продукт/ингредиент	Neodecanoic acid
Видове:	Заек
Маршрут на експозиция:	Дермално
Изпитване:	LD50
Резултат:	> 3640 mg/kg

Продукт/ингредиент	Neodecanoic acid
Видове:	Плъх
Маршрут на експозиция:	Орално
Изпитване:	LD50
Резултат:	2066 mg/kg

Продукт/ингредиент	Neodecanoic acid
Маршрут на експозиция:	Орално
Резултат:	2500 mg/kg

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Видове:	Плъх
Маршрут на експозиция:	Орално
Изпитване:	LD50
Резултат:	3800 mg/kg

Въз основа на наличните данни не са изпълнени критериите за класификация.

Корозия/дразнене на кожата

Продукт/ингредиент	Neodecanoic acid
Резултат:	Не са наблюдавани неблагоприятни ефекти (Не дразнещ)

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Резултат:	Наблюдавани са неблагоприятни ефекти (Дразнещ)

Въз основа на наличните данни не са изпълнени критериите за класификация.

Сериозно увреждане/дразнене на очите

Продукт/ингредиент	Neodecanoic acid

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Резултат:	Наблюдавани са неблагоприятни ефекти (Дразнещ)

Въз основа на наличните данни не са изпълнени критериите за класификация.

Респираторна сенсибилизация

Продукт/ингредиент	Neodecanoic acid
Резултат:	Не са наблюдавани неблагоприятни ефекти (не сенсибилизиращи)

Въз основа на наличните данни не са изпълнени критериите за класификация.

Кожна сенсибилизация

Въз основа на наличните данни не са изпълнени критериите за класификация.

Мутагенност на зародишните клетки

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
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
Никой познат.

РАЗДЕЛ 12: ЕКОЛОГИЧНА ИНФОРМАЦИЯ

12.1. Токсичност

Продукт/ингредиент	Neodecanoic acid
Видове:	Водорасли, Pseudokirchneriella subcapitata
Продължителност:	72 часа
Резултат:	>100 mg/L

Продукт/ингредиент	Neodecanoic acid
Видове:	Daphnia, Daphnia magna
Продължителност:	48 часа
Резултат:	> 1000 mg/L

Продукт/ингредиент	Neodecanoic acid
Видове:	Риби, Oncorhynchus mykiss
Продължителност:	96 часа
Резултат:	100-300 mg/L

Продукт/ингредиент	Neodecanoic acid
Видове:	Daphnia, Daphnia magna
Продължителност:	21 дни
Резултат:	10.1 mg/L

Продукт/ингредиент	Neodecanoic acid
Видове:	Риби, Oncorhynchus mykiss
Продължителност:	14 дни
Изпитване:	NOEC
Резултат:	2.22 mg/L

Продукт/ингредиент	Neodecanoic acid
Видове:	Daphnia, Daphnia magna

Продължителност:	21 дни
Изпитване:	NOEC
Резултат:	4.78 mg/L

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Метод за изпитвания:	OИСР 203
Видове:	Риби, Brachydanio rerio
Продължителност:	96 часа
Изпитване:	LC50
Резултат:	>500 mg/L

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Метод за изпитвания:	OИСР 202
Видове:	Ракообразни, Daphnia magna
Продължителност:	48 часа
Изпитване:	EC50
Резултат:	982 mg/L

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Метод за изпитвания:	OИСР 211
Видове:	Ракообразни, Daphnia magna
Продължителност:	21 дни
Изпитване:	LC50
Резултат:	>50 mg/L

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Метод за изпитвания:	OИСР 211
Видове:	Ракообразни, Daphnia magna
Продължителност:	21 дни
Изпитване:	EC50
Резултат:	>50 mg/L

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Метод за изпитвания:	OИСР 211
Видове:	Ракообразни, Daphnia magna
Продължителност:	21 дни
Изпитване:	NOEC
Резултат:	50 mg/L

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Метод за изпитвания:	OИСР 211
Видове:	Ракообразни, Daphnia magna
Продължителност:	21 дни
Изпитване:	LOEC
Резултат:	>50 mg/L

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Метод за изпитвания:	OИСР 201
Видове:	Водорасли, Desmodesmus subspicatus
Продължителност:	72 часа
Изпитване:	EbC50
Резултат:	1223 mg/L

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate

Метод за изпитвания:	OИCP 201
Видове:	Водорасли, Desmodesmus subspicatus
Продъл-жителност:	72 часа
Изпитване:	ErC50
Резултат:	221 mg/L

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Метод за изпитвания:	OИCP 201
Видове:	Водорасли, Desmodesmus subspicatus
Продъл-жителност:	72 часа
Изпитване:	NOEC
Резултат:	10,5 mg/L

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Метод за изпитвания:	OИCP 201
Видове:	Водорасли, Desmodesmus subspicatus
Продъл-жителност:	72 часа
Изпитване:	LOEC
Резултат:	21 mg/L

Въз основа на наличните данни не са изпълнени критериите за класификация.

12.2. Устойчивост и разградимост

Продукт/ингредиент	Neodecanoic acid
Заключение:	Пряка биоразградимост

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
Резултат:	>95%
Заключение:	Пряка биоразградимост

12.3. Биоакумулираща способност

Продукт/ингредиент	Neodecanoic acid
Сфера от околната среда:	Сладководна среда утайки
Продъл-жителност:	14 дни
BCF:	<225
LogKow:	2.08
Заключение:	Биологично натрупване не се очаква

Продукт/ингредиент	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
Заключение:	-

12.4. Преносимост в почвата

Няма налични данни.

12.5. Резултати от оценката на PBT и vPvB

Тази смес/продукт не съдържа вещества, считани за отговарящи на критерии, класифициращи ги като PBT 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 информация:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Опаковъчна група

** Опасности за околната среда

Допълнителна информация
Не е регистриран като опасна стока съгласно ADR, IATA и IMDG разпоредбите.

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.
Бременни и кърмещи жени не трябва да се излагат на ефектите от този продукт. Рискът и възможните технически предпазни мерки или конструкцията на работното място, за да се избегне този риск, трябва да бъдат оценени.

Търсене за конкретно образование:
Няма специфични изисквания.

SEVESO - КАТЕГОРИИ НА ОПАСНОСТ / ПОИМЕННО ПОСОЧЕНИ ОПАСНИ ВЕЩЕСТВА:
Не е приложимо.

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 (ЕС) № 1357/2014 на Комисията от 18 декември 2014 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

H319, Предизвиква сериозно дразнене на очите.

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 етикитиране 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. ("Marpol" = замърсяване на морските води)
ОИСР = Организация за Икономическо Сътрудничество и Развитие
ОН = Обединени нации
ПГЗ = Потенциалът за глобално затопляне
PBT = Устойчиво, биоакумулиращо 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 биоакумулиращо

▼Допълнителна информация

Съгласно Член 31 от REACH за този продукт не се изисква информационен лист за безопасност на материала. Настоящият информационен лист за безопасност на материала е изготвен на доброволна основа с цел разпространяване на информация от практическо значение, съгласно изискванията на Член 32 от REACH.

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 COM DADOS DE SEGURANCA

iG.85 patio cleaner

SEÇÃO 1: IDENTIFICAÇÃO DO PRODUTO E DA EMPRESA

1.1. Identificação do produto

Nome comercial:
iG.85 patio cleaner

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:
08/08/2025

Versão FDS:
2.0

Data da versão anterior:
26/05/2025 (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

2.1. Classificação da substância ou mistura

Não classificado em acordo ABNT NBR 14725:2023.

2.2. Elementos de rotulagem

Pictograma(s) de perigo:
Não aplicável.

Palavra(s) de advertência:
Não aplicável.

Frase(s) de perigo:
Não aplicável.

Recomendação(ões) de Prudência:

▼*Geral:*
Não aplicável.

▼*Prevenção:*
Não aplicável.

▼*Resposta:*
Não aplicável.

▼*Armazenamento:*
Não aplicável.

▼*Eliminação:*
Não aplicável.

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
Neodecanoic acid	N.° CAS: 26896-20-8 N.° CE: 248-093-9	10-15%	Acute Tox. 5, H303	
potassium (E,E)-hexa-2,4-dienoate	N.° CAS: 24634-61-5 N.° CE: 246-376-1	1-3%	Eye Irrit. 2, H319	

Consultar texto integral de advertências de perigo na secão 16. Limites de exposição ocupacionais enumerados na secção 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:
Em caso de desconforto, a pessoa deve ser levado a area de ar livre.

Contato com a pele:
Em caso de irritação, lavar com água. Em caso de persistir a irritação, procurar assistência médica.

Contato com os olhos:
Enxágue suavemente com água morna. Remova todas as lentes de contato se isso for fácil de fazer. Continue

enxaguando. Em caso de irritação ou desconforto ocular persistente: Procurar ajuda médica.

Ingestão:
Lavar a boca cuidadosamente e tomar grande quantidade de água. Em caso do persistir o desconforto, procurar assistência médica e levar este folheto.

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
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 escoa 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 / CO2)
Alguns óxidos metálicos

5.3. Medidas de proteção da equipe de combate a incêndio
Sem requisitos específicos.

SEÇÃO 6: MEDIDAS DE CONTROLE PARA DERRAMAMENTO OU VAZAMENTO

6.1. Precauções pessoais, equipamento de proteção e procedimentos de emergência
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 pare 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
Evitar o contato durante a gravidez/amamentação.
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

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
Este produto não contém quaisquer substâncias constantes da lista brasileira de substâncias com limite de exposição profissional.

8.2. Medidas de controle de engenharia
Aplique controle geral para evitar exposição desnecessária.

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:
Não existem quaisquer limites de exposição máximos para as substâncias constantes neste produto.

Medidas técnicas apropriadas:
Aplicar as precauções padrão quando utilizar o produto. Evitar a inalação de vapores.

Medidas de higiene:
Lave as mãos após o uso

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:

Material	Espessura mínima da capa (mm)	Pausa através do tempo (min.)	Normas	
Sem indicações especiais quando utilizado como indicado	-	-	-	

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:*
Sem cor

Odor / Limite de odor (ppm):
Característico

pH:
8.4

Densidade (g/cm³):
1,05 (20 °C)

Viscosidade:
Nenhum dado disponível.

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:
Completamente solúvel

Coeficiente 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:
ND: 1.389

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	Neodecanoic acid
Espécie:	Rato
Via de exposição:	Inalação
Teste:	LC50
Resultado:	> 3 mg/L

Produto/Ingrediente	Neodecanoic acid
Espécie:	Coelho
Via de exposição:	Dérmico
Teste:	LD50
Resultado:	> 3640 mg/kg

Produto/Ingrediente	Neodecanoic acid
Espécie:	Rato
Via de exposição:	Oral
Teste:	LD50
Resultado:	2066 mg/kg

Produto/Ingrediente	Neodecanoic acid
Via de exposição:	Oral
Resultado:	2500 mg/kg

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
Espécie:	Rato
Via de exposição:	Oral

Teste: LD50
Resultado: 3800 mg/kg

Com base nos dados disponíveis, não atende os critérios de classificação.

Corrosão/irritação da pele
Produto/Ingrediente Neodecanoic acid
Resultado: Nenhum efeito adverso observado (Não irritante)

Produto/Ingrediente potassium (E,E)-hexa-2,4-dienoate
Resultado: Efeitos adversos observados (Irritante)

Com base nos dados disponíveis, não atende os critérios de classificação.

Lesões oculares graves/irritação ocular
Produto/Ingrediente Neodecanoic acid

Produto/Ingrediente potassium (E,E)-hexa-2,4-dienoate
Resultado: Efeitos adversos observados (Irritante)

Com base nos dados disponíveis, não atende os critérios de classificação.

Sensibilização respiratória
Produto/Ingrediente Neodecanoic acid
Resultado: Nenhum efeito adverso observado (não sensibilizando)

Com base nos dados disponíveis, não atende os critérios de classificação.

Sensibilização da pele
Com base nos dados disponíveis, não atende os critérios de classificação.

Mutagenicidade em células germinativas
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
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
Nenhum conhecido.

SEÇÃO 12: INFORMAÇÕES ECOLÓGICAS

12.1. Ecotoxicidade
Produto/Ingrediente Neodecanoic acid
Espécie: Algas, Pseudokirchneriella subcapitata
Duração: 72 horas
Resultado: >100 mg/L

Produto/Ingrediente Neodecanoic acid
Espécie: Dáfnias, Daphnia magna

Duração:	48 horas
Resultado:	> 1000 mg/L

Produto/Ingrediente	Neodecanoic acid
Espécie:	Peixes, Oncorhynchus mykiss
Duração:	96 horas
Resultado:	100-300 mg/L

Produto/Ingrediente	Neodecanoic acid
Espécie:	Dáfnias, Daphnia magna
Duração:	21 dias
Resultado:	10.1 mg/L

Produto/Ingrediente	Neodecanoic acid
Espécie:	Peixes, Oncorhynchus mykiss
Duração:	14 dias
Teste:	NOEC
Resultado:	2.22 mg/L

Produto/Ingrediente	Neodecanoic acid
Espécie:	Dáfnias, Daphnia magna
Duração:	21 dias
Teste:	NOEC
Resultado:	4.78 mg/L

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensaio:	OCDE 203
Espécie:	Peixes, Brachydanio rerio
Duração:	96 horas
Teste:	LC50
Resultado:	>500 mg/L

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensaio:	OCDE 202
Espécie:	Crustáceos, Daphnia magna
Duração:	48 horas
Teste:	EC50
Resultado:	982 mg/L

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensaio:	OCDE 211
Espécie:	Crustáceos, Daphnia magna
Duração:	21 dias
Teste:	LC50
Resultado:	>50 mg/L

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensaio:	OCDE 211
Espécie:	Crustáceos, Daphnia magna
Duração:	21 dias
Teste:	EC50
Resultado:	>50 mg/L

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensaio:	OCDE 211
Espécie:	Crustáceos, Daphnia magna
Duração:	21 dias
Teste:	NOEC
Resultado:	50 mg/L

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate

Método de ensaio:	OCDE 211
Espécie:	Crustáceos, Daphnia magna
Duração:	21 dias
Teste:	LOEC
Resultado:	>50 mg/L

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensaio:	OCDE 201
Espécie:	Algas, Desmodesmus subspicatus
Duração:	72 horas
Teste:	EbC50
Resultado:	1223 mg/L

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensaio:	OCDE 201
Espécie:	Algas, Desmodesmus subspicatus
Duração:	72 horas
Teste:	ErC50
Resultado:	221 mg/L

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensaio:	OCDE 201
Espécie:	Algas, Desmodesmus subspicatus
Duração:	72 horas
Teste:	NOEC
Resultado:	10,5 mg/L

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensaio:	OCDE 201
Espécie:	Algas, Desmodesmus subspicatus
Duração:	72 horas
Teste:	LOEC
Resultado:	21 mg/L

Com base nos dados disponíveis, não atende os critérios de classificação.

12.2. Persistência e degradabilidade

Produto/Ingrediente	Neodecanoic acid
Conclusão:	Elevada biodegradabilidade

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
Resultado:	>95%
Conclusão:	Elevada biodegradabilidade

12.3. Potencial bioacumulativo

Produto/Ingrediente	Neodecanoic acid
Compartimento ambiental:	Sedimento de água doce
Duração:	14 dias
BCF:	<225
LogKow:	2.08
Conclusão:	A bioacumulação não é esperada

Produto/Ingrediente	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Grupo de embalagem

** Perigo ao meio ambiente

Informação adicional
Não listado como mercadorias perigosas nos termos dos regulamentos ANTT, IATA e IMDG.

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.
As mulheres grávidas e lactantes não podem ser expostas aos efeitos deste produto. O risco, e possíveis precauções técnicas ou design do local de trabalho para evitar tal risco têm, por conseguinte, de ser avaliados.

Exigências para educação específica:
Sem requisitos específicos.

SEVESO - Categorias / Substâncias perigosas:
Não aplicável.

Informação adicional:
Não aplicável.

▼*Fontes:*
ABNT NBR 14725:2023. 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 secção 3
H303, Prejudicial se for engolido.

H319, Provoca irritação ocular grave.

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 é necessário uma ficha de dados de segurança para este produto. A presente ficha de dados de segurança foi criada voluntáriamente.

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 seção 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

iG.85 patio cleaner

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name:
iG.85 patio cleaner

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:
8/8/2025

SDS Version:
2.0

Date of previous version:
5/26/2025 (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 emergenices: 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

2.1. Classification of the substance or mixture

Not classified as hazardous according to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272).

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:
Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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

Avoid contact during pregnancy and while nursing.
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

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

2,2',2''-nitrilotriethanol
Long term exposure limit (8 hours) (mg/m³): 5
Annotations:
3 = Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.

Occupational Health and Safety Code 2009 Order, Alta Reg 87/2009 (revised in 2018)

BRITISH COLUMBIA
2,2',2''-nitrilotriethanol
Time-Weighted Average Limit (TWA): 5 mg/m³
OHS Regulation Part 5: Chemical Agents and Biological Agents.

ONTARIO
2,2',2''-nitrilotriethanol
Time-Weighted Average Limit (TWA): 0.5 ppm / 3.1 mg/m³
Regulation 833 (Control of Exposure to Biological or Chemical Agents) and Ontario Regulation 490/09 (Designated Substances)

QUEBEC
2,2',2''-nitrilotriethanol
Long term exposure limit (8 hours) (mg/m³): 5
Annotations:
S = Sensitizer.
Regulation respecting occupational health and safety (Chapter S-2.1, r. 13)

SASKATCHEWAN
2,2',2''-nitrilotriethanol
Long term exposure limit (8 hours) (mg/m³): 5
Short term exposure limit (15 minutes) (mg/m³): 10
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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour:
Characteristic

Odour threshold (ppm):
No data available.

pH:

8.4

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3800 mg/kg

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

Skin corrosion/irritation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (Not irritating)

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance	Neodecanoic acid

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance	Neodecanoic acid

Result: No adverse effect observed (not sensitising)

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

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

Germ cell mutagenicity
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
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
2,2',2''-nitrilotriethanol has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	Neodecanoic acid
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Result:	>100 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	> 1000 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC

Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus

Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
TDG	-	-	-	-	-	-
IMDG	-	-	-	-	-	-

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to TDG, IATA and IMDG.

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:

2,2',2''-nitrilotriethanol
Neodecanoic acid
potassium (E,E)-hexa-2,4-dienoate

15.4. Restrictions for application

Restricted to professional users.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

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

H319, Causes serious eye irritation.

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

iG.85 patio cleaner

RUBRIQUE 1: IDENTIFICATION.

1.1. Identificateur de produit

Marque commerciale:
iG.85 patio cleaner

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:
2025-08-08

Version de la fiche de données de sécurité:
2.0

Date de la précédente édition:
2025-05-26 (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

2.1. Classification de la substance ou du mélange

Non classé comme dangereux selon le Règlement sur les produits dangereux DORS/2015-17 (tel que modifié par DORS/2022-272).

2.2. Éléments d'étiquetage

Pictogramme(s) de danger:
Sans objet.

Mention d'avertissement:
Sans objet.

Mention(s) de danger:

Conseil(s) de prudence:

▼*Précautions:*
Sans objet.

▼*générales:*
Sans objet.

▼*Intervention:*
Sans objet.

▼*Stockage:*
Sans objet.

▼*Élimination:*
Sans objet.

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
Neodecanoic acid	N° CAS : 26896-20-8	10-15%		
potassium (E,E)-hexa-2,4-dienoate	N° CAS : 24634-61-5	1-3%	Eye Irrit. 2, H319	

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 gêne : sortez la personne à l'air frais.

Contact cutané:
En cas d'irritation : rincez le produit. En cas d'irritation continue : Consultez un médecin.

Contact visuel:
Rincer délicatement à l'eau tiède. Retirer les éventuelles lentilles de contact si cela est facile à faire. Continuer à rincer. En cas d'irritation ou de gêne oculaire persistante : consulter un médecin.

Ingestion:
Rincez la bouche abondamment et buvez de grandes quantités d'eau. En cas de gêne continue : consultez une assistance médicale et présentez cette fiche de données de sécurité.

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
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
Pas d'exigences particulières.

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. Evitez 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

Éviter tout contact avec la substance au cours de la grossesse et pendant l'allaitement.
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

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

2,2',2''-nitrilotriethanol
Valeur limite (8 heures) (VLEP) (mg/m^3): 5
Observations:
3 =La limite d'exposition professionnelle est basée sur des effets d'irritation et son ajustement pour compenser des horaires de travail inhabituels n'est pas nécessaire.

Ordre du code de la santé et de la sécurité au travail de 2009, Alta Règl. 87/2009 (révisé en 2018)

LA COLOMBIE-BRITANNIQUE
2,2',2''-nitrilotriethanol
Moyenne pondérée dans le temps (TWA): 5 mg/m^3
Règlement SST, partie 5: Agents chimiques et agents biologiques.

ONTARIO
2,2',2''-nitrilotriethanol
Moyenne pondérée dans le temps (TWA): 0.5 ppm / 3.1 mg/m^3
Le Règlement 833 (Contrôle de l'exposition à des agents biologiques ou chimiques) et le Règlement de l'Ontario 490/09 (substances désignées)

QUEBEC
2,2',2''-nitrilotriethanol
Valeur limite (8 heures) (VLEP) (mg/m^3): 5
Observations:
S = Sensibilsant.
Règlement sur la santé et la sécurité du travail (Chapitre S-2.1, r. 13)

SASKATCHEWAN
2,2',2''-nitrilotriethanol
Valeur limite (8 heures) (VLEP) (mg/m^3): 5
Valeur à court terme (15 minutes) (VLCT ou VLE) (mg/m^3): 10
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:

Se laver les mains après utilisation.

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:

Matériel	Épaisseur minimum (mm)	Délai de rupture (min.)	Normes	
Rien de spécial quand utilisé tel que prévu	-	-	-	

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:*

Incolore

Odeur:

Caractéristique

Seuil olfactif (ppm):
Aucune information disponible.

pH:
8.4

Densité (g/cm^3):
1,05 (20 °C)

Viscosité cinématique:
Aucune information disponible.

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:
Complètement soluble

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:
ND: 1.389

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	Neodecanoic acid
Espèce :	Rat
Voie d'exposition :	Inhalation
Test :	CL50
Valeur :	> 3 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Lapin
Voie d'exposition :	Cutanée
Test :	DL50
Valeur :	> 3640 mg/kg

Produit/composant	Neodecanoic acid
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	2066 mg/kg

Produit/composant	Neodecanoic acid
Voie d'exposition :	Orale
Valeur :	2500 mg/kg

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	3800 mg/kg

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Corrosion cutanée/irritation cutanée

Produit/composant	Neodecanoic acid
Valeur :	Aucun effet nocif observé (Non irritant)

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Valeur :	Effets nocifs observés (Irritant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Lésions oculaires graves/irritation oculaire

Produit/composant	Neodecanoic acid

Produit/composant	potassium (E,E)-hexa-2,4-dienoate

Valeur : Effets nocifs observés (Irritant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Sensibilisation respiratoire

Produit/composant Neodecanoic acid
Valeur : Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Sensibilisation cutanée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Mutagénicité sur les cellules germinales

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

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

2,2',2''-nitrilotriethanol: La substance a été classée dans le groupe 3 par le CIRC.

RUBRIQUE 12: DONNÉES ÉCOLOGIQUES

12.1. Toxicité

Produit/composant Neodecanoic acid
Espèce : Algues, Pseudokirchneriella subcapitata
Durée : 72 heures
Valeur : >100 mg/L

Produit/composant Neodecanoic acid
Espèce : Daphnie, Daphnia magna
Durée : 48 heures
Valeur : > 1000 mg/L

Produit/composant Neodecanoic acid
Espèce : Poisson, Oncorhynchus mykiss
Durée : 96 heures
Valeur : 100-300 mg/L

Produit/composant Neodecanoic acid
Espèce : Daphnie, Daphnia magna
Durée : 21 jours
Valeur : 10.1 mg/L

Produit/composant Neodecanoic acid
Espèce : Poisson, Oncorhynchus mykiss
Durée : 14 jours
Test : CSEO
Valeur : 2.22 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Daphnie, Daphnia magna
Durée :	21 jours
Test :	CSEO
Valeur :	4.78 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 203
Espèce :	Poisson, Brachydanio rerio
Durée :	96 heures
Test :	CL50
Valeur :	>500 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 202
Espèce :	Crustacés, Daphnia magna
Durée :	48 heures
Test :	CE50
Valeur :	982 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours
Test :	CL50
Valeur :	>50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours
Test :	CE50
Valeur :	>50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours
Test :	CSEO
Valeur :	50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours
Test :	LOEC
Valeur :	>50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	EbC50
Valeur :	1223 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	ErC50

Valeur :	221 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	CSEO
Valeur :	10,5 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	LOEC
Valeur :	21 mg/L

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

12.2. Persistance et dégradabilité

Produit/composant	Neodecanoic acid
Conclusion :	Biodégradabilité facile

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Valeur :	>95%
Conclusion :	Biodégradabilité facile

12.3. Potentiel de bioaccumulation

Produit/composant	Neodecanoic acid
Milieu environnemental :	Sédiments en eau douce
Durée :	14 jours
BCF:	<225
LogKow :	2.08
Conclusion :	Il n'est pas prévu de bioaccumulation

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 informations :
TDG	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Groupe d'emballage

** Dangers pour l'environnement

Autre

Marchandises non dangereuses conformément à Règlement sur TDG, IATA et IMDG.

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:

2,2',2''-nitrilotriethanol
Neodecanoic acid
potassium (E,E)-hexa-2,4-dienoate

15.4. Limites d'utilisation

Réservé aux utilisateurs professionnels.
Les femmes enceintes et allaitantes ne doivent pas être exposées aux effets du produit. La prise en compte des risques et les mesures techniques à adopter ou l'aménagement du lieu de travail pour faire face à de tels effets nocifs doit donc être évaluée.

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

H319, Provoque une sévère irritation des yeux.

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
LogKoe = 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

iG.85 patio cleaner

ABSCHNITT 1: BEZEICHNUNG DES STOFFS BEZIEHUNGSWEISE DES GEMISCHS UND DES UNTERNEHMENS

1.1. Produktidentifikator

Handelsname:
iG.85 patio cleaner

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:
08.08.2025

SDB Version:
2.0

Datum der letzten Ausgabe:
26.05.2025 (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

2.1. Einstufung des Stoffs oder Gemischs

Nicht eingestuft gemäß der Verordnung (EG) Nr. 1272/2008 (CLP).

2.2. Kennzeichnungselemente

Gefahrenpiktogramme:
Nicht zutreffend.

Signalwort:
Nicht zutreffend.

Gefahrenhinweise:
Nicht zutreffend.

Sicherheitshinweise:

▼*Allgemeines:*
Nicht zutreffend.

▼*Prävention:*
Nicht zutreffend.

▼*Reaktion:*
Nicht zutreffend.

▼*Lagerung:*
Nicht zutreffend.

▼*Entsorgung:*
Nicht zutreffend.

Enthält:
Enthält keine meldepflichtigen Substanzen

▼*Andere Kennzeichnungen:*
EUH210, Sicherheitsdatenblatt auf Anfrage erhältlich.
Nicht zutreffend.

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.
Neodecanoic acid	CAS-Nr.: 26896-20-8 EG-Nr.: 248-093-9 REACH: Indexnr.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS-Nr.: 24634-61-5 EG-Nr.: 246-376-1 REACH: Indexnr.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 Unwohlsein: Person an die frische Luft bringen.

Nach Hautkontakt:
Bei Reizung: Produkt abwaschen. Bei andauernder Reizung: Arzt aufsuchen.

▼*Nach Augenkontakt:*
Sanft mit lauwarmem Wasser ausspülen. Entfernen Sie eventuelle Kontaktlinsen, wenn dies ohne Aufwand möglich ist. Weiter ausspülen. Bei anhaltender Augenreizung oder Unbehagen: Ärztliche Hilfe in Anspruch nehmen.

▼*Nach Verschlucken:*
Den Mund gründlich spülen und reichlich Wasser trinken. Bei andauerndem Unwohlsein: Arzt aufsuchen und dieses Datensicherheitsblatt vorlegen.

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
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 / CO2)
Einige Metalloxide

5.3. Hinweise für die Brandbekämpfung
Keine besonderen Anforderungen.

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

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

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

2,2',2''-nitrilotriethanol
Arbeitsplatzgrenzwert (8 Stunden) (mg/m³): 5 einatembarer Staub(Gesamtstaub)
Kurzzeitwert (15 Minuten) (mg/m³): 5 einatembarer Staub(Gesamtstaub)
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

2,2',2''-nitrilotriethanol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	3.1 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	6.3 mg/kg/Tag
Langfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	1,25 mg/m³
Langfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	5 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	1.25 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	5 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	3.1 mg/kg/Tag

Neodecanoic acid

Prüfdauer:	Expositionswege:	DNEL:

Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	17.5 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	1.06 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	29 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	7.4 mg/kg/Tag
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	6.52 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	25.79 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	86 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	22.04 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	17.5 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	1.88 mg/kg/Tag

potassium (E,E)-hexa-2,4-dienoate

Prüfdauer:	**Expositionswege:**	**DNEL:**
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Dermal	170 µg/cm²
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	20 mg/kg/day
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	20 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	40 mg/kg/day
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	40 mg/kg/Tag
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	26.08 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	52,17 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	52.17 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	17,63 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	17.63 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	2 mg/kg/day
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	2 mg/kg/Tag

PNEC

2,2',2''-nitrilotriethanol

Expositionswege:	**Dauer der Aussetzung:**	**PNEC:**
Erde		151 µg/kg
Kläranlagen		10 mg/L
Pulsierende Freisetzung (Süßwasser)		5.12 mg/L
Seewasser		32 µg/L
Seewassersedimente		170 µg/kg
Süßwasser		320 µg/L
Süßwassersedimente		1.7 mg/kg

Neodecanoic acid

Expositionswege:	**Dauer der Aussetzung:**	**PNEC:**
Prädatoren		16.7 mg/kg
Seewasser		11 µg/L
Seewasser		0.0478 mg/L
Süßwasser		110 µg/L
Süßwasser		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		0,00167 g/cm³
Erde		1.67 mg/kg
Erde		0.276 mg/kg
Kläranlagen		0,01 g/cm³
Kläranlagen		10 mg/L
Pulsierende Freisetzung (Süßwasser)		0.48 mg/L
Seewasser		0,000048 g/cm³
Seewasser		100 µg/L
Seewassersedimente		0,000173 g/cm³
Seewassersedimente		360 µg/kg
Süßwasser		0,00048 g/cm³
Süßwasser		1 mg/L
Süßwassersedimente		0,00173 g/cm³
Süßwassersedimente		3.6 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:*

Nach Gebrauch Hände waschen.

Begrenzung der Umweltexposition:

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	-	-	

Empfohlen	Typ/Kategorien	Normen	
Gebrauch.			

Handschutz:

Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch	-	-	-	

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:*
Farblos

Geruch / Geruchsschwelle (ppm):
Charakteristisch

pH:
8.4

Dichte (g/cm³):
1.05 (20 °C)

Kinematische Viskosität:
Es liegen keine Daten vor.

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:
Vollständig löslich

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:
ND: 1.389

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	Neodecanoic acid
Spezies:	Ratte
Expositionswegen:	Inhalation
Test:	LC50
Ergebnis:	> 3 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	> 3640 mg/kg

Produkt / Substanz	Neodecanoic acid

Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	2066 mg/kg

Produkt / Substanz	Neodecanoic acid
Expositionswegen:	Oral
Ergebnis:	2500 mg/kg

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	3800 mg/kg

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Ätz-/Reizwirkung auf die Haut

Produkt / Substanz	Neodecanoic acid
Ergebnis:	Keine schädlichen Wirkungen beobachtet (Nicht reizend)

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Schwere Augenschädigung/-reizung

Produkt / Substanz	Neodecanoic acid

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Sensibilisierung der Atemwege

Produkt / Substanz	Neodecanoic acid
Ergebnis:	Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Sensibilisierung der Haut

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Keimzell-Mutagenität

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

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

2,2',2''-nitrilotriethanol: Der Stoff wurde von der IARC in Gruppe 3 eingestuft.

ABSCHNITT 12: UMWELTBEZOGENE ANGABEN

12.1. Toxizität

Produkt / Substanz	Neodecanoic acid
Spezies:	Algen, Pseudokirchneriella subcapitata
Prüfdauer:	72 Stunden
Ergebnis:	>100 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Wasserflöhe, Daphnia magna
Prüfdauer:	48 Stunden
Ergebnis:	> 1000 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Fisch, Oncorhynchus mykiss
Prüfdauer:	96 Stunden
Ergebnis:	100-300 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Wasserflöhe, Daphnia magna
Prüfdauer:	21 Tage
Ergebnis:	10.1 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Fisch, Oncorhynchus mykiss
Prüfdauer:	14 Tage
Test:	NOEC
Ergebnis:	2.22 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Wasserflöhe, Daphnia magna
Prüfdauer:	21 Tage
Test:	NOEC
Ergebnis:	4.78 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 203
Spezies:	Fisch, Brachydanio rerio
Prüfdauer:	96 Stunden
Test:	LC50
Ergebnis:	>500 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 202
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	48 Stunden
Test:	EC50
Ergebnis:	982 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	LC50
Ergebnis:	>50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	EC50
Ergebnis:	>50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	NOEC
Ergebnis:	50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	LOEC
Ergebnis:	>50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	EbC50
Ergebnis:	1223 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	ErC50
Ergebnis:	221 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	NOEC
Ergebnis:	10,5 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	LOEC
Ergebnis:	21 mg/L

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

12.2. Persistenz und Abbaubarkeit

Produkt / Substanz	Neodecanoic acid
Ergebnis:	Leichte biologische Abbaubarkeit

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Ergebnis:	>95%
Ergebnis:	Leichte biologische Abbaubarkeit

12.3. Bioakkumulationspotenzial

Produkt / Substanz	Neodecanoic acid
Umwelt-kompartiment :	Süßwassersedimente

Prüfdauer:	14 Tage
BCF:	<225
LogKow:	2.08
Ergebnis:	Bioakkumulation nicht erwartet

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Verpackungsgruppe
** Umweltgefahren

Anderes
Kein Gefahrgut nach ADR, IATA und IMDG.

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.

WGK-Einstufung:
Wassergefährdungsklasse: WGK 3

Anderes:
Nicht zutreffend.

Verwendete Quellen:
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 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)
H319, Verursacht schwere Augenreizung.

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 eine 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

iG.85 patio cleaner

SECCIÓN 1. IDENTIFICACIÓN DE LA SUSTANCIA O MEZCLA Y DE LA SOCIEDAD O EMPRESA

Nombre de la sustancia química peligrosa o mezcla

Nombre comercial:
iG.85 patio cleaner

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:
08-08-2025

Versión HDS:
2.0

Fecha de la emisión anterior:
26-05-2025 (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

Clasificación de la sustancia o de la mezcla

No clasificado de acuerdo con el Reglamento de clasificación, etiquetado y notificación de sustancias químicas y mezclas peligrosas.

Elementos de la señalización

Pictogramas de precaución:
No aplicable.

Palabra de advertencia:
No aplicable.

Indicaciones de peligro:
No aplicable.

Consejos de prudencia:

▼*Generalidades:*
No aplicable.

▼*Prevención:*
No aplicable.

▼*Intervención:*
No aplicable.

▼*Almacenamiento:*
No aplicable.

▼*Eliminación:*
No aplicable.

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
Neodecanoic acid	N° CAS: 26896-20-8 N° CE: 248-093-9	10-15%		
potassium (E,E)-hexa-2,4-dienoate	N° CAS: 24634-61-5 N° CE: 246-376-1	1-3%	Eye Irrit. 2, H319	

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 medico o vaya a emergencias. Llévese 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 náuseas: Llevar a la persona al aire fresco.

Contacto con la piel:

En caso de irritación: Aclarar el producto. En caso de irritación persistente: Buscar un médico.

Contacto con los ojos:
Aclarar suavemente con agua tibia. Quítese las lentillas si le resulta fácil hacerlo. Seguir aclarando. En caso de irritación o molestias oculares persistentes: acudir al médico.

Ingestión:
Enjuagarse la boca y beber mucha agua. En caso de que las náuseas persistan: buscar un médico y enseñarle ésta hoja de seguridad.

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
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 / CO2)
Algunos óxidos metálicos

Medidas especiales que deberán seguir los grupos de combate contra incendio
No tiene requisitos específicos.

SECCIÓN 6. MEDIDAS QUE DEBEN TOMARSE EN CASO DE VERTIDO/DERRAME ACCIDENTAL

Precauciones personales, equipos de protección y procedimientos de emergencia
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 relatives 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
Evitar todo contacto con la sustancia durante el embarazo y la lactancia.

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
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
El producto no contiene ninguna sustancia incluida en la lista chilena de sustancias con límite de exposición profesional.

Controles de la exposición
Aplicar un control general para evitar exposiciones innecesarias.

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:
El producto no contiene sustancias con límites de exposición.

Controles técnicos apropiados:
Tome precauciones estándar durante el uso de este producto.Evite la inhalación de vapores.

Disposiciones higiénicas:
Lavarse las manos después de su uso.

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:

Material	Espesura minima de capa (mm)	Tiempo de penetración (min.)	Normas	
No se requiere ninguna en especial en condiciones normales de uso	-	-	-	

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:*
Incoloro

Olor:
Característico

Umbral del olor (ppm):
No se dispone de datos.

Potencial de hidrógeno, pH:
8.4

Densidad (g/cm^3):
1,05 (20 °C)

Viscosidad:
No se dispone de datos.

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:
Completamente soluble

Coeficiente 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:
ND: 1.389

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	Neodecanoic acid
Especies:	Rata
Vía de exposición:	Inhalación
Prueba:	CL50
Resultado:	> 3 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Conejo
Vía de exposición:	Dérmico
Prueba:	DL50
Resultado:	> 3640 mg/kg

Producto / ingrediente	Neodecanoic acid
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50

Resultado: 2066 mg/kg

Producto / ingrediente: Neodecanoic acid
Vía de exposición: Oral
Resultado: 2500 mg/kg

Producto / ingrediente: potassium (E,E)-hexa-2,4-dienoate
Especies: Rata
Vía de exposición: Oral
Prueba: DL50
Resultado: 3800 mg/kg

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Corrosión o irritación cutáneas

Producto / ingrediente: Neodecanoic acid
Resultado: No se observan efectos adversos (No es irritante)

Producto / ingrediente: potassium (E,E)-hexa-2,4-dienoate
Resultado: Se observan efectos adversos (Irritante)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Lesiones o irritación ocular graves

Producto / ingrediente: Neodecanoic acid

Producto / ingrediente: potassium (E,E)-hexa-2,4-dienoate
Resultado: Se observan efectos adversos (Irritante)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Sensibilización respiratoria

Producto / ingrediente: Neodecanoic acid
Resultado: No se observan efectos adversos (no sensibilizantes)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Sensibilización cutánea

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Mutagenicidad en células germinales

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 sistémica específica del órgano blanco - Exposición única

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: Neodecanoic acid
Especies: Alga, Pseudokirchneriella subcapitata
Duración: 72 horas

Resultado:	>100 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Daphnia, Daphnia magna
Duración:	48 horas
Resultado:	> 1000 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Pez, Oncorhynchus mykiss
Duración:	96 horas
Resultado:	100-300 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Daphnia, Daphnia magna
Duración:	21 días
Resultado:	10.1 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Pez, Oncorhynchus mykiss
Duración:	14 días
Prueba:	NOEC
Resultado:	2.22 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Daphnia, Daphnia magna
Duración:	21 días
Prueba:	NOEC
Resultado:	4.78 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 203
Especies:	Pez, Brachydanio rerio
Duración:	96 horas
Prueba:	CL50
Resultado:	>500 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 202
Especies:	Crustáceo, Daphnia magna
Duración:	48 horas
Prueba:	CE50
Resultado:	982 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 211
Especies:	Crustáceo, Daphnia magna
Duración:	21 días
Prueba:	CL50
Resultado:	>50 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 211
Especies:	Crustáceo, Daphnia magna
Duración:	21 días
Prueba:	CE50
Resultado:	>50 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 211
Especies:	Crustáceo, Daphnia magna
Duración:	21 días

Prueba:	NOEC
Resultado:	50 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 211
Especies:	Crustáceo, Daphnia magna
Duración:	21 días
Prueba:	LOEC
Resultado:	>50 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 201
Especies:	Alga, Desmodesmus subspicatus
Duración:	72 horas
Prueba:	EbC50
Resultado:	1223 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 201
Especies:	Alga, Desmodesmus subspicatus
Duración:	72 horas
Prueba:	ErC50
Resultado:	221 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 201
Especies:	Alga, Desmodesmus subspicatus
Duración:	72 horas
Prueba:	NOEC
Resultado:	10,5 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 201
Especies:	Alga, Desmodesmus subspicatus
Duración:	72 horas
Prueba:	LOEC
Resultado:	21 mg/L

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Persistencia y degradabilidad

Producto / ingrediente	Neodecanoic acid
Conclusión:	Fácil biodegradabilidad

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Resultado:	>95%
Conclusión:	Fácil biodegradabilidad

Potencial de bioacumulación

Producto / ingrediente	Neodecanoic acid
Compartimento medioambiental:	Sedimento de agua dulce
Duración:	14 días
BCF:	<225
LogKow:	2.08
Conclusión:	No se espera bioacumulación

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Grupo de embalaje

** Peligros para el medio ambiente

Otros
Productos no peligrosos de conformidad con el ADR, IATA y el IMDG.

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.
Las mujeres embarazadas o en periodo de lactancia no deben exponerse a los efectos del producto. Por tanto se valorará el riesgo y las posibilidades de preparativos técnicos o disposición del lugar de trabajo para prevenir estos efectos.

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 prevencion 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
H319, Provoca irritación ocular grave.

Redacción completa de las 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
El producto no contiene ninguna sustancia incluida en la lista chilena de sustancias con límite de exposición profesional.
No se requiere una ficha de datos de seguridad para este producto. Esta ficha de datos se ha creado de forma voluntaria con el fin de distribuir información relevante.

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: CL-es

SAFETY DATA SHEET

iG.85 patio cleaner

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

1.1. Product identifier

Trade name:
iG.85 patio cleaner

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:
08/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (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

2.1. Classification of the substance or mixture

Not classified according to the chemical classification standards: GB 30000.2-2013 to GB 30000.29-2013

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9	10-15%	Acute Tox. 5, H303	
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:
Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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 in GBZ 2.1-2019 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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour:
Characteristic

Odour threshold (ppm):
No data available.

pH:
8.4

Density (g/cm^3):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

n-octanol/water coefficient:
No data available.

Solubility in fat (g/L):
No data available.

9.2. Other information

Other physical and chemical parameters:

ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3800 mg/kg

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

Skin corrosion/irritation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (Not irritating)

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance	Neodecanoic acid

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	Neodecanoic acid
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Result:	>100 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	> 1000 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days

Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50

Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education:

No specific requirements.

Additional information:

Not applicable.

IECSC:

Neodecanoic acid is listed
potassium (E,E)-hexa-2,4-dienoate 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

H303, May be harmful if swallowed
H319, Causes serious eye irritation.

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

In accordance with Regulations on Safe Management on Hazardous Chemicals (China Decree 591), a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

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: CN-en

产品安全技术说明书

iG.85 patio cleaner

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*:*
iG.85 patio cleaner

1.2. 化学品的推荐用途和限制用途

已验明的用途*:*
清潔劑和清潔劑（包括溶劑型清潔劑）
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*:*
2025/8/8

SDS 版本*:*
2.0

上次发行日期*:*
2025/5/26 (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

2.1. 危险性类别

根据化学分类标准不进行分类：GB 30000.2-2013 至 GB 30000.29-2013

2.2. 标签要素

象形图*:*
不适用。

信号词*:*
不适用。

危险性说明*:*

防范说明::

▼概要:
不适用。

▼预防:
不适用。

▼反应::
不适用。

▼贮存:
不适用。

▼废弃处置:
不适用。

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
Neodecanoic acid	CAS 号: 26896-20-8 EC: 248-093-9	10-15%	Acute Tox. 5, H303	
potassium (E,E)-hexa-2,4-dienoate	CAS 号: 24634-61-5 EC: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
如有不适，将患者带至新鲜空气中。

皮肤接触:
出现刺激时：用水冲洗。如果持续有刺激感，请寻求医疗救助。

眼睛接触:
用温水轻轻冲洗。如果方便的话，摘掉隐形眼镜，继续冲洗。如果眼部持续出现刺激感或不适： 请及时就医。

摄入:
彻底冲洗口腔，并大量饮水。如果持续不适：请寻求医疗救助并携带本安全数据表。

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
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 / CO2)。
某些金属氧化物。

5.3. 对消防员的建议
无特殊要求.

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
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
怀孕/哺乳期间避免接触。
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

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

没有 GBZ 2.1-2019 中列出的规定了职业暴露限值的物质。

8.2. 接触控制

采取常规控制措施，防止不必要的暴露。

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:

尚未对本产品中的物质确定职业接触限值。

工程控制::

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:

使用后洗手.

环境接触控制::

无特殊要求.

个人保护措施

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，无需特别穿戴	-	-	

手部防护:

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	-	-	-	

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:
无色

气味:
独特气味

气味阈值（*ppm*）:
无可用数据。

*pH*值:
8.4

相对密度 (*g/cm³*):
1.05 (20 °C)

运动粘度:
无可用数据。

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:
完全溶解

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:

ND: 1.389

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	Neodecanoic acid
种类:	大鼠
接触途径:	吸入
测试:	LC50
结果:	> 3 mg/L

产品/成份名称	Neodecanoic acid
种类:	兔子
接触途径:	经皮
测试:	LD50
结果:	> 3640 mg/kg

产品/成份名称	Neodecanoic acid
种类:	大鼠
接触途径:	口服
测试:	LD50
结果:	2066 mg/kg

产品/成份名称	Neodecanoic acid
接触途径:	口服
结果:	2500 mg/kg

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
种类:	大鼠
接触途径:	口服
测试:	LD50
结果:	3800 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	Neodecanoic acid
结果:	无观察到的不良作用 (无刺激性)

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
结果:	有观察到的不良作用 (有刺激性)

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	Neodecanoic acid

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
结果:	有观察到的不良作用 (有刺激性)

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	Neodecanoic acid
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

基于可用数据，其不满足分类标准。

生殖细胞致突变性

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

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

未知。

第12部分 生态学信息

12.1. 毒性

产品/成份名称	Neodecanoic acid
种类:	藻类, Pseudokirchneriella subcapitata
暴露:	72 小时
结果:	>100 mg/L

产品/成份名称	Neodecanoic acid
种类:	水蚤, Daphnia magna
暴露:	48 小时
结果:	> 1000 mg/L

产品/成份名称	Neodecanoic acid
种类:	鱼类, Oncorhynchus mykiss
暴露:	96 小时

结果:	100-300 mg/L

产品/成份名称	Neodecanoic acid
种类:	水蚤, Daphnia magna
暴露:	21 天
结果:	10.1 mg/L

产品/成份名称	Neodecanoic acid
种类:	鱼类, Oncorhynchus mykiss
暴露:	14 天
测试:	NOEC
结果:	2.22 mg/L

产品/成份名称	Neodecanoic acid
种类:	水蚤, Daphnia magna
暴露:	21 天
测试:	NOEC
结果:	4.78 mg/L

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
测试方法:	OECD 203
种类:	鱼类, Brachydanio rerio
暴露:	96 小时
测试:	LC50
结果:	>500 mg/L

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
测试方法:	OECD 202
种类:	甲壳纲动物, Daphnia magna
暴露:	48 小时
测试:	EC50
结果:	982 mg/L

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
测试方法:	OECD 211
种类:	甲壳纲动物, Daphnia magna
暴露:	21 天
测试:	LC50
结果:	>50 mg/L

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
测试方法:	OECD 211
种类:	甲壳纲动物, Daphnia magna
暴露:	21 天
测试:	EC50
结果:	>50 mg/L

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
测试方法:	OECD 211
种类:	甲壳纲动物, Daphnia magna
暴露:	21 天
测试:	NOEC
结果:	50 mg/L

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
测试方法:	OECD 211
种类:	甲壳纲动物, Daphnia magna
暴露:	21 天
测试:	LOEC

结果:	>50 mg/L

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
测试方法:	OECD 201
种类:	藻类, Desmodesmus subspicatus
暴露:	72 小时
测试:	EbC50
结果:	1223 mg/L

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
测试方法:	OECD 201
种类:	藻类, Desmodesmus subspicatus
暴露:	72 小时
测试:	ErC50
结果:	221 mg/L

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
测试方法:	OECD 201
种类:	藻类, Desmodesmus subspicatus
暴露:	72 小时
测试:	NOEC
结果:	10,5 mg/L

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
测试方法:	OECD 201
种类:	藻类, Desmodesmus subspicatus
暴露:	72 小时
测试:	LOEC
结果:	21 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	Neodecanoic acid
结论:	易于生物降解

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
结果:	>95%
结论:	易于生物降解

12.3. 潜在的生物累积性

产品/成份名称	Neodecanoic acid
环境:	淡水沉淀
暴露:	14 天
生物富集系数:	<225
LogKow:	2.08
结论:	预计不会发生生物累积

产品/成份名称	potassium (E,E)-hexa-2,4-dienoate
生物富集系数:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* 包装类别

** 环境危害

其他信息
ADR、IATA 和 IMDG 规定的非危险品。

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
无可用数据。

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。
孕妇和哺乳期妇女不得接触本品。必须考虑风险和需要消除暴露的可能的技术预防措施或工作场所设计。

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:
Neodecanoic acid 被列出
potassium (E,E)-hexa-2,4-dienoate 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
H303, 吞咽可能有害
H319, 造成严重眼刺激

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 = 短时间接触容许浓度
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号码。
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
根据《危险化学品安全管理条例》（中国 591 号令），本产品不需要安全数据表。本安全数据表是在自愿的基础上创建的，用于传递相关信息。

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

iG.85 patio cleaner

ODDÍL 1: IDENTIFIKACE LÁTKY/SMĚSI A SPOLEČNOSTI/PODNIKU

1.1. Identifikátor výrobku

Obchodní název:
iG.85 patio cleaner

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:
08.08.2025

Verze BL:
2.0

Datum předchozího vydání:
26.05.2025 (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

2.1. Klasifikace látky nebo směsi

Není klasifikován podle nařízení (ES) č. 1272/2008 (CLP).

2.2. Prvky označení

Piktogram(y) rizik(a):
Netýká se.

Signální slova:
Netýká se.

Prohlášení rizik(a):

Netýká se.

Bezpečnostní věta (věty):

▼*Obecně:*
Netýká se.

▼*Prevence:*
Netýká se.

▼*Reakce:*
Netýká se.

▼*Skladování:*
Netýká se.

▼*Likvidace:*
Netýká se.

Identifikace látek primárně odpovědných za hlavní zdravotní rizika:
Neobsahuje žádné látky podléhající povinnému hlášení

▼*Další označení:*
EUH210, Na vyžádání je k dispozici bezpečnostní list.
Netýká se.

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 nařízení 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
Neodecanoic acid	Č. CAS: 26896-20-8 Č. ES: 248-093-9 REACH: Indexová č.:	10-15%		
kalijev (E,E)-heksa-2,4-dienoat	Č. CAS: 24634-61-5 Č. ES: 246-376-1 REACH: Indexová č.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 nevolnostech: Odveďte postiženého na čerstvý vzduch.

Zasažení pokožky:
Při podráždění: Smyjte výrobek. Při pokračujícím podráždění: Vyhledejte lékaře.

▼*Zasažení očí:*
Jemně vyplachujte vlažnou vodou. Pokud to lze snadno provést, vyjměte kontaktní čočky. Pokračujte ve vyplachování. V případě přetrvávajícího podráždění očí nebo nepříjemných pocitů: vyhledejte lékařskou pomoc.

▼*Požití:*
Důkladně vypláchněte ústa a vypijte dostatečné množství vody. Při přetrvávající nevolnosti: vyhledejte lékaře a ukažte mu tento bezpečnostní list.

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
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 / CO2)
oxidy jistých kovů

5.3. Pokyny pro hasiče
Žádné zvláštní požadavky.

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 čistící 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

Zabraňte styku během těhotenství a kojení.
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

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

2,2',2''-nitrilotriethanol
Nejvyšší přípustná koncentrace (15 minut) (NPK-P) (mg/m³): 10
Přípustný expoziční limit (8 hodin) (PEL) (mg/m³): 5
Poznámky:
D = Při expozici se významně uplatňuje pronikání látky kůží nebo silný dráždivý účinek na kůži.

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

2,2',2''-nitrilotriethanol

Délka:	**Trasa podání:**	**DNEL:**
Dlouhodobé - systémové účinky - obecná populace	Kožní	3.1 mg/kg bw/day
Dlouhodobé - systémové účinky - Pracovník	Kožní	6.3 mg/kg bw/day
Dlouhodobé - systémové účinky - obecná populace	Orální	3.1 mg/kg bw/day
Dlouhodobé - lokální účinky - Pracovník	Vdechnutí	1,25 mg/m³
Dlouhodobé - lokální účinky - Pracovník	Vdechnutí	5 mg/m³
Dlouhodobé - systémové účinky - obecná populace	Vdechnutí	1.25 mg/m³
Dlouhodobé - systémové účinky - Pracovník	Vdechnutí	5 mg/m³

kalijev (E,E)-heksa-2,4-dienoat

Délka:	**Trasa podání:**	**DNEL:**
Dlouhodobé - lokální účinky - obecná populace	Kožní	170 µg/cm²
Dlouhodobé - systémové účinky - obecná populace	Kožní	20 mg/kg/day
Dlouhodobé - systémové účinky - obecná populace	Kožní	20 mg/kg bw/day
Dlouhodobé - systémové účinky - Pracovník	Kožní	40 mg/kg/day
Dlouhodobé - systémové účinky - Pracovník	Kožní	40 mg/kg bw/day
Dlouhodobé - systémové účinky - obecná populace	Orální	2 mg/kg/day
Dlouhodobé - systémové účinky - obecná populace	Orální	2 mg/kg bw/day

Dlouhodobé - lokální účinky - obecná populace	Vdechnutí	26.08 mg/m³
Dlouhodobé - systémové účinky - obecná populace	Vdechnutí	52,17 mg/m³
Dlouhodobé - systémové účinky - obecná populace	Vdechnutí	52.17 mg/m³
Dlouhodobé - systémové účinky - Pracovník	Vdechnutí	17,63 mg/m³
Dlouhodobé - systémové účinky - Pracovník	Vdechnutí	17.63 mg/m³

Neodecanoic acid

Délka:	**Trasa podání:**	**DNEL:**
Dlouhodobé - systémové účinky - obecná populace	Kožní	17.5 mg/kg bw/day
Dlouhodobé - systémové účinky - obecná populace	Kožní	1.06 mg/kg bw/day
Dlouhodobé - systémové účinky - Pracovník	Kožní	29 mg/kg bw/day
Dlouhodobé - systémové účinky - Pracovník	Kožní	7.4 mg/kg bw/day
Dlouhodobé - systémové účinky - obecná populace	Orální	17.5 mg/kg bw/day
Dlouhodobé - systémové účinky - obecná populace	Orální	1.88 mg/kg bw/day
Dlouhodobé - lokální účinky - obecná populace	Vdechnutí	6.52 mg/m³
Dlouhodobé - systémové účinky - obecná populace	Vdechnutí	25.79 mg/m³
Dlouhodobé - systémové účinky - Pracovník	Vdechnutí	86 mg/m³
Dlouhodobé - systémové účinky - Pracovník	Vdechnutí	22.04 mg/m³

PNEC

2,2',2''-nitrilotriethanol

Trasa podání:	**Doba expozice:**	**PNEC:**
Čistírny odpadních vod		10 mg/L
Mořské sedimenty		170 µg/kg
Mořské vody		32 µg/L
Občasné vydání (sladkovodní)		5.12 mg/L
Půda		151 µg/kg
Sladké vody		320 µg/L
Sladkovodní sedimenty		1.7 mg/kg

kalijev (E,E)-heksa-2,4-dienoat

Trasa podání:	**Doba expozice:**	**PNEC:**
Čistírny odpadních vod		0,01 g/cm³
Čistírny odpadních vod		10 mg/L
Mořské sedimenty		0,000173 g/cm³
Mořské sedimenty		360 µg/kg
Mořské vody		0,000048 g/cm³
Mořské vody		100 µg/L
Občasné vydání (sladkovodní)		0.48 mg/L
Půda		0,00167 g/cm³
Půda		1.67 mg/kg
Půda		0.276 mg/kg
Sladké vody		0,00048 g/cm³
Sladké vody		1 mg/L
Sladkovodní sedimenty		0,00173 g/cm³

Sladkovodní sedimenty		3.6 mg/kg

Neodecanoic acid

Trasa podání:	**Doba expozice:**	**PNEC:**
Mořské vody		11 µg/L
Mořské vody		0.0478 mg/L
Potravinový řetězec		16.7 mg/kg
Sladké vody		110 µg/L
Sladké vody		0.478 mg/L

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:*

Umyjte si po použití ruce.

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:

Materiál	**Minimální tloušťka vrstvy (mm)**	**Doba průniku (min.)**	**Normy**	
Žádné zvláštní při běžném použití	-	-	-	

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:*
Bezbarvý

Zápach / Prahová hodnota zápachu (ppm):
Charakteristický

pH:
8.4

Hustota (g/cm^3):
1,05 (20 °C)

Kinematická viskozita:
Data nejsou k dispozici.

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:
Zcela rozpustné

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:
ND: 1.389

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	Neodecanoic acid
Druh:	Krysa
Trasa podání:	Vdechnutí
Test:	LC50
Výsledek:	> 3 mg/L

Název složky	Neodecanoic acid
Druh:	Králík
Trasa podání:	Kožní
Test:	LD50
Výsledek:	> 3640 mg/kg

Název složky	Neodecanoic acid
Druh:	Krysa
Trasa podání:	Orální
Test:	LD50
Výsledek:	2066 mg/kg

Název složky	Neodecanoic acid
Trasa podání:	Orální
Výsledek:	2500 mg/kg

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Druh:	Krysa
Trasa podání:	Orální
Test:	LD50
Výsledek:	3800 mg/kg

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

Žíravost/ dráždivost pro kůži

Název složky	Neodecanoic acid

Výsledek:	Nepozorovány žádné nepříznivé účinky (Nedráždivé)

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Výsledek:	Pozorovány nepříznivé účinky (Dráždivé)

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

Vážné poškození očí / podráždění očí

Název složky	Neodecanoic acid

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Výsledek:	Pozorovány nepříznivé účinky (Dráždivé)

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

Senzibilizace dýchacích cest

Název složky	Neodecanoic acid
Výsledek:	Nepozorovány žádné nepříznivé účinky (není senzibilizující)

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

Senzibilizace kůže

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

Mutagenita v zárodečných buňkách

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

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

2,2',2''-nitrilotriethanol: Látka byla podle IARC klasifikována jako skupina 3.

ODDÍL 12: EKOLOGICKÉ INFORMACE

12.1. Toxicita

Název složky	Neodecanoic acid
Druh:	Řasy, Pseudokirchneriella subcapitata
Délka:	72 hodin
Výsledek:	>100 mg/L

Název složky	Neodecanoic acid
Druh:	Daphnia, Daphnia magna
Délka:	48 hodin
Výsledek:	> 1000 mg/L

Název složky	Neodecanoic acid

Druh:	Ryba, Oncorhynchus mykiss
Délka:	96 hodin
Výsledek:	100-300 mg/L

Název složky	Neodecanoic acid
Druh:	Daphnia, Daphnia magna
Délka:	21 dní
Výsledek:	10.1 mg/L

Název složky	Neodecanoic acid
Druh:	Ryba, Oncorhynchus mykiss
Délka:	14 dní
Test:	NOEC
Výsledek:	2.22 mg/L

Název složky	Neodecanoic acid
Druh:	Daphnia, Daphnia magna
Délka:	21 dní
Test:	NOEC
Výsledek:	4.78 mg/L

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Zkušební metoda:	OECD 203
Druh:	Ryba, Brachydanio rerio
Délka:	96 hodin
Test:	LC50
Výsledek:	>500 mg/L

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Zkušební metoda:	OECD 202
Druh:	Korýš, Daphnia magna
Délka:	48 hodin
Test:	EC50
Výsledek:	982 mg/L

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Zkušební metoda:	OECD 211
Druh:	Korýš, Daphnia magna
Délka:	21 dní
Test:	LC50
Výsledek:	>50 mg/L

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Zkušební metoda:	OECD 211
Druh:	Korýš, Daphnia magna
Délka:	21 dní
Test:	EC50
Výsledek:	>50 mg/L

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Zkušební metoda:	OECD 211
Druh:	Korýš, Daphnia magna
Délka:	21 dní
Test:	NOEC
Výsledek:	50 mg/L

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Zkušební metoda:	OECD 211
Druh:	Korýš, Daphnia magna
Délka:	21 dní
Test:	LOEC

Výsledek:	>50 mg/L

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Zkušební metoda:	OECD 201
Druh:	Řasy, Desmodesmus subspicatus
Délka:	72 hodin
Test:	EbC50
Výsledek:	1223 mg/L

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Zkušební metoda:	OECD 201
Druh:	Řasy, Desmodesmus subspicatus
Délka:	72 hodin
Test:	ErC50
Výsledek:	221 mg/L

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Zkušební metoda:	OECD 201
Druh:	Řasy, Desmodesmus subspicatus
Délka:	72 hodin
Test:	NOEC
Výsledek:	10,5 mg/L

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Zkušební metoda:	OECD 201
Druh:	Řasy, Desmodesmus subspicatus
Délka:	72 hodin
Test:	LOEC
Výsledek:	21 mg/L

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

12.2. Perzistence a rozložitelnost

Název složky	Neodecanoic acid
Závěr:	Snadná biologická rozložitelnost

Název složky	kalijev (E,E)-heksa-2,4-dienoat
Výsledek:	>95%
Závěr:	Snadná biologická rozložitelnost

12.3. Bioakumulační potenciál

Název složky	Neodecanoic acid
Složka životního prostředí:	Sladkovodní sedimenty
Délka:	14 dní
BCF:	<225
LogKow:	2.08
Závěr:	Bioakumulace se nepředpokládá

Název složky	kalijev (E,E)-heksa-2,4-dienoat
BCF:	2,6
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 PŘEPRAVU

	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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Obalová skupina

** Nebezpečnost pro životní prostředí

Další informace

Není klasifikován jako nebezpečné zboží dle předpisů ADR, IATA a IMDG.

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 PŘEDPISECH

15.1. Předpisy týkající se bezpečnosti, zdraví a životního prostředí/specifické právní předpisy týkající se látky nebo směsi

Omezení aplikace:

Pouze pro profesionální uživatele.
Těhotné a kojící ženy nesmí být vystaveny účinkům produktu. Je proto nutno vyhodnotit riziko a možná technická opatření nebo řešení pracoviště, která tomu předejdou.

Požadavek specifického vzdělání:

Žádné zvláštní požadavky.

SEVESO - Kategorie nebezpečnosti / Nebezpečné látky jmenovitě uvedené:

Netýká se.

Další informace:

Netýká se.

Zdroje:

Pracovní parvo vyhláška o zakázaných pracích a pracovištích č. 180/2015 Sb.
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
H319, Způsobuje vážné podráždění očí.

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

iG.85 patio cleaner

ABSCHNITT 1: BEZEICHNUNG DES STOFFS BEZIEHUNGSWEISE DES GEMISCHS UND DES UNTERNEHMENS

1.1. Produktidentifikator

Handelsname:
iG.85 patio cleaner

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:
08.08.2025

SDB Version:
2.0

Datum der letzten Ausgabe:
26.05.2025 (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

2.1. Einstufung des Stoffs oder Gemischs

Nicht eingestuft gemäß der Verordnung (EG) Nr. 1272/2008 (CLP).

2.2. Kennzeichnungselemente

Gefahrenpiktogramme:
Nicht zutreffend.

Signalwort:
Nicht zutreffend.

Gefahrenhinweise:
Nicht zutreffend.

Sicherheitshinweise:

▼*Allgemeines:*
Nicht zutreffend.

▼*Prävention:*
Nicht zutreffend.

▼*Reaktion:*
Nicht zutreffend.

▼*Lagerung:*
Nicht zutreffend.

▼*Entsorgung:*
Nicht zutreffend.

Enthält:
Enthält keine meldepflichtigen Substanzen

▼*Andere Kennzeichnungen:*
EUH210, Sicherheitsdatenblatt auf Anfrage erhältlich.
Nicht zutreffend.

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.
Neodecanoic acid	CAS-Nr.: 26896-20-8 EG-Nr.: 248-093-9 REACH: Indexnr.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS-Nr.: 24634-61-5 EG-Nr.: 246-376-1 REACH: Indexnr.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 Unwohlsein: Person an die frische Luft bringen.

Nach Hautkontakt:
Bei Reizung: Produkt abwaschen. Bei andauernder Reizung: Arzt aufsuchen.

▼*Nach Augenkontakt:*
Sanft mit lauwarmem Wasser ausspülen. Entfernen Sie eventuelle Kontaktlinsen, wenn dies ohne Aufwand möglich ist. Weiter ausspülen. Bei anhaltender Augenreizung oder Unbehagen: Ärztliche Hilfe in Anspruch nehmen.

▼*Nach Verschlucken:*
Den Mund gründlich spülen und reichlich Wasser trinken. Bei andauerndem Unwohlsein: Arzt aufsuchen und dieses Datensicherheitsblatt vorlegen.

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
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 / CO2)
Einige Metalloxide

5.3. Hinweise für die Brandbekämpfung
Keine besonderen Anforderungen.

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

Berührung während Schwangerschaft und Stillzeit vermeiden.
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

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

2,2',2''-nitrilotriethanol
Arbeitsplatzgrenzwert (8 Stunden) (mg/m³): 1 (Einatembare Fraktion)
Kurzzeitwert (15 Minuten) (mg/m³): 1 (Einatembare Fraktion)
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.

Technische Regeln für Gefahrstoffe, Arbeitsplatzgrenzwerte, TRGS 900 (Jan. 2006)

DNEL

2,2',2''-nitrilotriethanol

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	3.1 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	6.3 mg/kg/Tag

Langfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	1,25 mg/m³
Langfristig – Örtliche Auswirkungen - Arbeiter	Inhalation	5 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	1.25 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	5 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	3.1 mg/kg/Tag

Neodecanoic acid

Prüfdauer:	**Expositionswege:**	**DNEL:**
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	17.5 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	1.06 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	29 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	7.4 mg/kg/Tag
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	6.52 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	25.79 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	86 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	22.04 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	17.5 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	1.88 mg/kg/Tag

potassium (E,E)-hexa-2,4-dienoate

Prüfdauer:	**Expositionswege:**	**DNEL:**
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Dermal	170 µg/cm²
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	20 mg/kg/day
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	20 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	40 mg/kg/day
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	40 mg/kg/Tag
Langfristig – Örtliche Auswirkungen - Allgemeine Bevölkerung	Inhalation	26.08 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	52,17 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	52.17 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	17,63 mg/m³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	17.63 mg/m³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	2 mg/kg/day
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	2 mg/kg/Tag

PNEC

2,2',2''-nitrilotriethanol

Expositionswege:	**Dauer der Aussetzung:**	**PNEC:**
Erde		151 µg/kg
Kläranlagen		10 mg/L
Pulsierende Freisetzung (Süßwasser)		5.12 mg/L
Seewasser		32 µg/L
Seewassersedimente		170 µg/kg
Süßwasser		320 µg/L
Süßwassersedimente		1.7 mg/kg

Neodecanoic acid

Expositionswege:	Dauer der Aussetzung:	PNEC:
Prädatoren		16.7 mg/kg
Seewasser		11 µg/L
Seewasser		0.0478 mg/L
Süßwasser		110 µg/L
Süßwasser		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		0,00167 g/cm³
Erde		1.67 mg/kg
Erde		0.276 mg/kg
Kläranlagen		0,01 g/cm³
Kläranlagen		10 mg/L
Pulsierende Freisetzung (Süßwasser)		0.48 mg/L
Seewasser		0,000048 g/cm³
Seewasser		100 µg/L
Seewassersedimente		0,000173 g/cm³
Seewassersedimente		360 µg/kg
Süßwasser		0,00048 g/cm³
Süßwasser		1 mg/L
Süßwassersedimente		0,00173 g/cm³
Süßwassersedimente		3.6 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:*

Nach Gebrauch Hände waschen.

Begrenzung der Umweltexposition:

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:

Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch	-	-	-	

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:*
Farblos

Geruch / Geruchsschwelle (ppm):
Charakteristisch

pH:
8.4

Dichte (g/cm³):
1,05 (20 °C)

Kinematische Viskosität:
Es liegen keine Daten vor.

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:
Vollständig löslich

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:
ND: 1.389

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	Neodecanoic acid
Spezies:	Ratte
Expositionswegen:	Inhalation

Test:	LC50
Ergebnis:	> 3 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	> 3640 mg/kg

Produkt / Substanz	Neodecanoic acid
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	2066 mg/kg

Produkt / Substanz	Neodecanoic acid
Expositionswegen:	Oral
Ergebnis:	2500 mg/kg

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	3800 mg/kg

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Ätz-/Reizwirkung auf die Haut

Produkt / Substanz	Neodecanoic acid
Ergebnis:	Keine schädlichen Wirkungen beobachtet (Nicht reizend)

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Schwere Augenschädigung/-reizung

Produkt / Substanz	Neodecanoic acid

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Ergebnis:	Schädliche Wirkungen beobachtet (Reizend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Sensibilisierung der Atemwege

Produkt / Substanz	Neodecanoic acid
Ergebnis:	Keine schädlichen Wirkungen beobachtet (nicht sensibilisierend)

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Sensibilisierung der Haut

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

Keimzell-Mutagenität

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

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
2,2',2''-nitrilotriethanol: Der Stoff wurde von der IARC in Gruppe 3 eingestuft.

ABSCHNITT 12: UMWELTBEZOGENE ANGABEN

12.1. Toxizität

Produkt / Substanz	Neodecanoic acid
Spezies:	Algen, Pseudokirchneriella subcapitata
Prüfdauer:	72 Stunden
Ergebnis:	>100 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Wasserflöhe, Daphnia magna
Prüfdauer:	48 Stunden
Ergebnis:	> 1000 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Fisch, Oncorhynchus mykiss
Prüfdauer:	96 Stunden
Ergebnis:	100-300 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Wasserflöhe, Daphnia magna
Prüfdauer:	21 Tage
Ergebnis:	10.1 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Fisch, Oncorhynchus mykiss
Prüfdauer:	14 Tage
Test:	NOEC
Ergebnis:	2.22 mg/L

Produkt / Substanz	Neodecanoic acid
Spezies:	Wasserflöhe, Daphnia magna
Prüfdauer:	21 Tage
Test:	NOEC
Ergebnis:	4.78 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 203
Spezies:	Fisch, Brachydanio rerio
Prüfdauer:	96 Stunden
Test:	LC50
Ergebnis:	>500 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 202
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	48 Stunden
Test:	EC50

Ergebnis:	982 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	LC50
Ergebnis:	>50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	EC50
Ergebnis:	>50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	NOEC
Ergebnis:	50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 211
Spezies:	Krustentier, Daphnia magna
Prüfdauer:	21 Tage
Test:	LOEC
Ergebnis:	>50 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	EbC50
Ergebnis:	1223 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	ErC50
Ergebnis:	221 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	NOEC
Ergebnis:	10,5 mg/L

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Prüfmethode:	OECD 201
Spezies:	Algen, Desmodesmus subspicatus
Prüfdauer:	72 Stunden
Test:	LOEC
Ergebnis:	21 mg/L

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

12.2. Persistenz und Abbaubarkeit

Produkt / Substanz	Neodecanoic acid

Ergebnis:	Leichte biologische Abbaubarkeit

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
Ergebnis:	>95%
Ergebnis:	Leichte biologische Abbaubarkeit

12.3. Bioakkumulationspotenzial

Produkt / Substanz	Neodecanoic acid
Umwelt-kompartiment :	Süßwassersedimente
Prüfdauer:	14 Tage
BCF:	<225
LogKow:	2.08
Ergebnis:	Bioakkumulation nicht erwartet

Produkt / Substanz	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Verpackungsgruppe

** Umweltgefahren

Anderes

Kein Gefahrgut nach ADR, IATA und IMDG.

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.
Schwangere und Stillende dürfen nicht den Einwirkungen des Produktes ausgesetzt werden. Daher ist das Risiko und die Möglichkeit technischer Maßnahmen oder eine Einrichtung des Arbeitsplatzes zu erwägen, die derartigen Einwirkungen entgegenwirkt.

Bedarf für spezielle Schulung:
Keine besonderen Anforderungen.

Der Störfallverordnung - Gefahrenkategorien / Namentlich aufgeführte gefährliche Stoffe:
Nicht zutreffend.

WGK-Einstufung:
Wassergefährdungsklasse: WGK 3

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 (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)
H319, Verursacht schwere Augenreizung.

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 eine 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

iG.85 patio cleaner

PUNKT 1: IDENTIFIKATION AF STOFFET/BLANDINGEN OG AF SELSKABET/VIRKSOMHEDEN

1.1. Produktidentifikator

Handelsnavn:
iG.85 patio cleaner

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:
08.08.2025

SDS Version:
2.0

Dato for forrige udgave:
26.05.2025 (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

2.1. Klassificering af stoffet eller blandingen

Ikke klassificeret i henhold til Europa-Parlamentets og Rådets forordning (EF) nr. 1272/2008 (CLP).

2.2. Mærkningselementer

Farepiktogram:
Ikke relevant.

Signalord:

Ikke relevant.

Faresætninger:
Ikke relevant.

Sikkerhedssætning(er):

▼*Generelt:*
Ikke relevant.

▼*Forebyggelse:*
Ikke relevant.

▼*Reaktion:*
Ikke relevant.

▼*Opbevaring:*
Ikke relevant.

▼*Bortskaffelse:*
Ikke relevant.

Oplysningspligtige indholdsstoffer:
Indeholder ingen oplysningspligtige stoffer

▼*Anden mærkning:*
EUH210, Sikkerhedsdatablad kan på anmodning rekvireres.
Ikke relevant.

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 INDHOLDSSTOFFER

3.1. Stoffer

Finder ikke anvendelse. Dette produkt er en blanding.

3.2. Blandinger

Produkt/Substans	Identifikatorer	% w/w	Klassificering	Bem.
Neodecanoic acid	CAS nr: 26896-20-8 EF nr.: 248-093-9 REACH: Indeksnr.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS nr: 24634-61-5 EF nr.: 246-376-1 REACH: Indeksnr.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 ubehag: Bring personen i frisk luft.

Hudkontakt:
Ved irritation: Vask produktet af. Ved fortsat irritation: Søg læge.

▼*Øjenkontakt:*
Skyl forsigtigt med lunkent vand. Fjern eventuelle kontaktlinser, hvis det er nemt at gøre. Fortsæt med at skylle.
Ved vedvarende øjenirritation eller ubehag: Søg lægehjælp.

▼*Indtagelse:*
Skyl munden grundigt og drik rigeligt med vand. Ved vedvarende ubehag: søg læge og vis dette sikkerhedsdatablad.

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
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 / CO2)
Nogle metaloxider

5.3. Anvisninger for brandmandskab
Ingen særlige krav.

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

Undgå kontakt under graviditet/amning.
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

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

2,2',2''-nitrilotriethanol
Grænseværdi (8 timer) (mg/m³): 3,1
Grænseværdi (8 timer) (ppm): 0,5
Grænseværdi (15 minutter) (mg/m³): 6.2
Grænseværdi (15 minutter) (ppm): 1

Bekendtgørelse nr. 1619 om grænseværdier for stoffer og materialer af 19/12/2024.

DNEL

2,2',2''-nitrilotriethanol

Varighed:	Eksponeringsvej:	DNEL:
På lang sigt – systemiske virkninger - arbejdere	Dermal	6.3 mg/kg bw/dag
På lang sigt – systemiske virkninger - forbruger	Dermal	3.1 mg/kg bw/dag
På lang sigt – lokale virkninger - arbejdere	Indånding	1,25 mg/m³
På lang sigt – lokale virkninger - arbejdere	Indånding	5 mg/m³
På lang sigt – systemiske virkninger - arbejdere	Indånding	5 mg/m³
På lang sigt – systemiske virkninger - forbruger	Indånding	1.25 mg/m³
På lang sigt – systemiske virkninger - forbruger	Oral	3.1 mg/kg bw/dag

Neodecanoic acid

Varighed:	Eksponeringsvej:	DNEL:

På lang sigt – systemiske virkninger - arbejdere	Dermal	29 mg/kg bw/dag
På lang sigt – systemiske virkninger - arbejdere	Dermal	7.4 mg/kg bw/dag
På lang sigt – systemiske virkninger - forbruger	Dermal	17.5 mg/kg bw/dag
På lang sigt – systemiske virkninger - forbruger	Dermal	1.06 mg/kg bw/dag
På lang sigt – lokale virkninger - forbruger	Indånding	6.52 mg/m³
På lang sigt – systemiske virkninger - arbejdere	Indånding	86 mg/m³
På lang sigt – systemiske virkninger - arbejdere	Indånding	22.04 mg/m³
På lang sigt – systemiske virkninger - forbruger	Indånding	25.79 mg/m³
På lang sigt – systemiske virkninger - forbruger	Oral	17.5 mg/kg bw/dag
På lang sigt – systemiske virkninger - forbruger	Oral	1.88 mg/kg bw/dag

potassium (E,E)-hexa-2,4-dienoate

Varighed:	**Eksponeringsvej:**	**DNEL:**
På lang sigt – lokale virkninger - forbruger	Dermal	170 µg/cm²
På lang sigt – systemiske virkninger - arbejdere	Dermal	40 mg/kg/day
På lang sigt – systemiske virkninger - arbejdere	Dermal	40 mg/kg bw/dag
På lang sigt – systemiske virkninger - forbruger	Dermal	20 mg/kg/day
På lang sigt – systemiske virkninger - forbruger	Dermal	20 mg/kg bw/dag
På lang sigt – lokale virkninger - forbruger	Indånding	26.08 mg/m³
På lang sigt – systemiske virkninger - arbejdere	Indånding	17,63 mg/m³
På lang sigt – systemiske virkninger - arbejdere	Indånding	17.63 mg/m³
På lang sigt – systemiske virkninger - forbruger	Indånding	52,17 mg/m³
På lang sigt – systemiske virkninger - forbruger	Indånding	52.17 mg/m³
På lang sigt – systemiske virkninger - forbruger	Oral	2 mg/kg/day
På lang sigt – systemiske virkninger - forbruger	Oral	2 mg/kg bw/dag

PNEC

2,2',2''-nitrilotriethanol

Eksponeringsvej:	**Varighed af eksponering:**	**PNEC:**
Ferskvand		320 µg/L
Ferskvandssediment		1.7 mg/kg
Havvand		32 µg/L
Havvandssediment		170 µg/kg
Jord		151 µg/kg
Periodisk udslip (ferskvand)		5.12 mg/L
Spildevandsbehandlingsanlæg		10 mg/L

Neodecanoic acid

Eksponeringsvej:	**Varighed af eksponering:**	**PNEC:**
Ferskvand		110 µg/L
Ferskvand		0.478 mg/L
Havvand		11 µg/L
Havvand		0.0478 mg/L
Rovdyr		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Eksponeringsvej:	Varighed af eksponering:	PNEC:
Ferskvand		0,00048 g/cm³
Ferskvand		1 mg/L
Ferskvandssediment		0,00173 g/cm³
Ferskvandssediment		3.6 mg/kg
Havvand		0,000048 g/cm³
Havvand		100 µg/L
Havvandssediment		0,000173 g/cm³
Havvandssediment		360 µg/kg
Jord		0,00167 g/cm³
Jord		1.67 mg/kg
Jord		0.276 mg/kg
Periodisk udslip (ferskvand)		0.48 mg/L
Spildevandsbehandlingsanlæg		0,01 g/cm³
Spildevandsbehandlingsanlæg		10 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.

Eksponeringsscenarier:

Der er ikke implementeret nogen eksponeringsscenarier 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 nødbruser.
Udvis almindelig forsigtighed ved brug af produktet. Undgå indånding af dampe.

▼*Hygiejniske foranstaltninger:*

Vask hænder efter brug.

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:

Materiale	Handsketykkelse (mm)	Gennembrudstid (min.)	Standarder	
Ingen særlige ved normal tilsigtet brug	-	-	-	

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:*
Farveløs

Lugt / Lugttærskel (ppm):
Karakteristisk

pH:
8.4

Massefylde (g/cm³):
1,05 (20 °C)

Kinematisk viskositet:
Ingen data tilgængelige.

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:
Fuldt opløseligt

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:
ND: 1.389

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	Neodecanoic acid
Art:	Rotte
Eksponeringsvej:	Indånding
Test:	LC50
Resultat:	> 3 mg/L

Produkt/Substans	Neodecanoic acid
Art:	Kanin
Eksponeringsvej:	Dermal
Test:	LD50
Resultat:	> 3640 mg/kg

Produkt/Substans	Neodecanoic acid
Art:	Rotte
Eksponeringsvej:	Oral
Test:	LD50
Resultat:	2066 mg/kg

Produkt/Substans	Neodecanoic acid
Eksponeringsvej:	Oral

Resultat:	2500 mg/kg

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Art:	Rotte
Eksponeringsvej:	Oral
Test:	LD50
Resultat:	3800 mg/kg

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

Hudætsning/-irritation

Produkt/Substans	Neodecanoic acid
Resultat:	Ingen skadelige virkninger observeret (Ikke irriterende)

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Resultat:	Skadelige virkninger observeret (Irriterende)

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

Alvorlig øjenskade/øjenirritation

Produkt/Substans	Neodecanoic acid

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Resultat:	Skadelige virkninger observeret (Irriterende)

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

Respiratorisk sensibilisering

Produkt/Substans	Neodecanoic acid
Resultat:	Ingen skadelige virkninger observeret (ikke sensibiliserende)

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

Hudsensibilisering

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

Kimcellemutagenicitet

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

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

2,2',2''-nitrilotriethanol er klassificeret af IARC i gruppe 3.

PUNKT 12: MILJØOPLYSNINGER

12.1. Toksicitet

Produkt/Substans	Neodecanoic acid
Art:	Alger, Pseudokirchneriella subcapitata
Varighed:	72 timer
Resultat:	>100 mg/L

Produkt/Substans	Neodecanoic acid
Art:	Dafnier, Daphnia magna
Varighed:	48 timer
Resultat:	> 1000 mg/L

Produkt/Substans	Neodecanoic acid
Art:	Fisk, Oncorhynchus mykiss
Varighed:	96 timer
Resultat:	100-300 mg/L

Produkt/Substans	Neodecanoic acid
Art:	Dafnier, Daphnia magna
Varighed:	21 dage
Resultat:	10.1 mg/L

Produkt/Substans	Neodecanoic acid
Art:	Fisk, Oncorhynchus mykiss
Varighed:	14 dage
Test:	NOEC
Resultat:	2.22 mg/L

Produkt/Substans	Neodecanoic acid
Art:	Dafnier, Daphnia magna
Varighed:	21 dage
Test:	NOEC
Resultat:	4.78 mg/L

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Forsøgsmetode:	OECD 203
Art:	Fisk, Brachydanio rerio
Varighed:	96 timer
Test:	LC50
Resultat:	>500 mg/L

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Forsøgsmetode:	OECD 202
Art:	Krebsdyr, Daphnia magna
Varighed:	48 timer
Test:	EC50
Resultat:	982 mg/L

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Forsøgsmetode:	OECD 211
Art:	Krebsdyr, Daphnia magna
Varighed:	21 dage
Test:	LC50
Resultat:	>50 mg/L

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Forsøgsmetode:	OECD 211
Art:	Krebsdyr, Daphnia magna
Varighed:	21 dage
Test:	EC50

Resultat:	>50 mg/L

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Forsøgsmetode:	OECD 211
Art:	Krebsdyr, Daphnia magna
Varighed:	21 dage
Test:	NOEC
Resultat:	50 mg/L

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Forsøgsmetode:	OECD 211
Art:	Krebsdyr, Daphnia magna
Varighed:	21 dage
Test:	LOEC
Resultat:	>50 mg/L

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Forsøgsmetode:	OECD 201
Art:	Alger, Desmodesmus subspicatus
Varighed:	72 timer
Test:	EbC50
Resultat:	1223 mg/L

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Forsøgsmetode:	OECD 201
Art:	Alger, Desmodesmus subspicatus
Varighed:	72 timer
Test:	ErC50
Resultat:	221 mg/L

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Forsøgsmetode:	OECD 201
Art:	Alger, Desmodesmus subspicatus
Varighed:	72 timer
Test:	NOEC
Resultat:	10,5 mg/L

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Forsøgsmetode:	OECD 201
Art:	Alger, Desmodesmus subspicatus
Varighed:	72 timer
Test:	LOEC
Resultat:	21 mg/L

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

12.2. Persistens og nedbrydelighed

Produkt/Substans	Neodecanoic acid
Konklusion:	Let bionedbrydeligt

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
Resultat:	>95%
Konklusion:	Let bionedbrydeligt

12.3. Bioakkumuleringspotentiale

Produkt/Substans	Neodecanoic acid
Delmiljø:	Ferskvandssediment
Varighed:	14 dage
BCF:	<225
LogKow:	2.08
Konklusion:	Bioakkumulering er ikke forventeligt

Produkt/Substans	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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

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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Emballagegruppe

** Miljøfarer

Anden information
Ikke farligt gods i henhold til ADR, IATA og IMDG.

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.
Gravide og ammende må ikke udsættes for påvirkninger fra produktet. Risikoen og muligheden for tekniske foranstaltninger eller indretning af arbejdsstedet til imødegåelse af sådanne påvirkninger skal derfor vurderes.

Krav om særlig uddannelse:
Ingen særlige krav.

SEVESO - Farekategorier / Navngivne farlige stoffer:
Ikke relevant.

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).
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
H319, Forårsager alvorlig øjenirritation.

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 = Eksponeringsscenarie
EUH sætning = CLP-specificeret faresætning
EuPCS = Det europæiske produktkategoriseringssystem
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 Målorgantoksicitet — Enkelt Eksponering
SVHC = Substances of Very High Concern
TWA = Tidsvægtet gennemsnit
VOC = Flygtige Organiske Bestanddele
vPvB = Meget Persistente 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

iG.85 patio cleaner

1. JAGU. AINE/SEGU NING ÄRIÜHINGU/ETTEVÕTJA IDENTIFITSEERIMINE

1.1. Tootetähis

Nimetus:
iG.85 patio cleaner

1.2. Aine või segu asjaomased kindlaksmääratud kasutusalad ning kasutusalad, mida ei soovitata

Kemikaali või segu asjakohased määratud kasutuseesmärgid:
Detergendid ja puhastusvahendid (sh lahustipõhised)
Üksnes kutsealaseks kasutamiseks.

Kasutusalad, mida ei soovitata:
Keegi pole tuttav.

1.3. Andmed ohutuskaardi tarnija kohta

Ettevõte 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:
08.08.2025

Ohutuskaardi versioon::
2.0

Eelmise väljaande kuupäev:
26.05.2025 (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 „Esmaabimeetmed“.

2. JAGU. OHTUDE IDENTIFITSEERIMINE

2.1. Aine või segu klassifitseerimine

Klassifitseerimata vastavalt EÜ määrusele nr 1272/2008 (CLP).

2.2. Märgistuselemendid

Ohupiktogrammidest:
Ei kohaldu.

Tunnussõna:

Ei kohaldu.

Ohulause:
Ei kohaldu.

Hoiatuslaused:

▼*Üldised:*
Ei kohaldu.

▼*Ohtu ennetavad:*
Ei kohaldu.

▼*Reageerimise kohta:*
Ei kohaldu.

▼*Säilitamise kohta:*
Ei kohaldu.

▼*Kõrvaldamise kohta:*
Ei kohaldu.

Sisaldab:
Ei sisalda teavitamiskohustusega koostisaineid

▼*Muu märgistus:*
EUH210, Ohutuskaart nõudmisel kättesaadav.
Ei kohaldu.

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	Märkused
Neodecanoic acid	CASi nr: 26896-20-8 EÜ nr: 248-093-9 REACH: Indeksinr:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CASi nr: 24634-61-5 EÜ nr: 246-376-1 REACH: Indeksinr: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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:*
Ebamugavustunde tekkimisel viige isik värske õhu kätte.

Kokkupuutel nahaga:
Ärrituse korral loputage veega. Kui ärritus püsib, pöörduge arsti poole.

▼*Silma sattumisel:*
Loputage õrnalt leige veega. Eemaldage kontaktläätsed, kui neid saab hõlpsalt eemaldada. Jätkake loputamist. Püsiva silmade ärrituse või ebamugavustunde korral: pöörduge arsti poole.

▼*Allaneelamisel:*
Loputage suud põhjalikult ja jooge rohkelt vett. Kui enesetunne ei parane, siis pöörduge arsti poole ja näidake arstile seda ohutuskaarti.

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
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/CO2)
Mõned metalloksiidid

5.3. Nõuanded tuletõrjujatele
Erinõuded puuduvad.

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
Vältida kokkupuudet raseduse ja imetamise ajal.
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

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
2,2',2''-nitrilotriethanol
Piirnorm (8-tunnise) (mg/m³): 5
Lühiajaline kokkupuute piirmäär (15-minutilise) (mg/m³): 10
Märkused:
S = Sensibiliseeriv aine.

Vabariigi Valitsuse 20. märtsi 2001. a määrus nr 105 „Töökeskkonna keemiliste ohutegurite piirnormid“.

DNEL
2,2',2''-nitrilotriethanol

Periood:	Suund:	DNEL:
Pikaajaline – süsteemne toime – töötajad	Nahakaudne	6.3 mg/kg/päeva
Pikaajaline – süsteemne toime – üldine rahvastik	Nahakaudne	3.1 mg/kg/päeva
Pikaajaline – kohalik toime – töötajad	Sissehingamine	1,25 mg/m³
Pikaajaline – kohalik toime – töötajad	Sissehingamine	5 mg/m³
Pikaajaline – süsteemne toime – töötajad	Sissehingamine	5 mg/m³
Pikaajaline – süsteemne toime – üldine rahvastik	Sissehingamine	1.25 mg/m³
Pikaajaline – süsteemne toime – üldine rahvastik	Suukaudne	3.1 mg/kg/päeva

Neodecanoic acid

Periood:	Suund:	DNEL:
Pikaajaline – süsteemne toime – töötajad	Nahakaudne	29 mg/kg/päeva
Pikaajaline – süsteemne toime – töötajad	Nahakaudne	7.4 mg/kg/päeva
Pikaajaline – süsteemne toime – üldine rahvastik	Nahakaudne	17.5 mg/kg/päeva

Pikaajaline – süsteemne toime – üldine rahvastik	Nahakaudne	1.06 mg/kg/päeva
Pikaajaline – kohalik toime – üldine rahvastik	Sissehingamine	6.52 mg/m³
Pikaajaline – süsteemne toime – töötajad	Sissehingamine	86 mg/m³
Pikaajaline – süsteemne toime – töötajad	Sissehingamine	22.04 mg/m³
Pikaajaline – süsteemne toime – üldine rahvastik	Sissehingamine	25.79 mg/m³
Pikaajaline – süsteemne toime – üldine rahvastik	Suukaudne	17.5 mg/kg/päeva
Pikaajaline – süsteemne toime – üldine rahvastik	Suukaudne	1.88 mg/kg/päeva

potassium (E,E)-hexa-2,4-dienoate

Periood:	**Suund:**	**DNEL:**
Pikaajaline – kohalik toime – üldine rahvastik	Nahakaudne	170 µg/cm²
Pikaajaline – süsteemne toime – töötajad	Nahakaudne	40 mg/kg/day
Pikaajaline – süsteemne toime – töötajad	Nahakaudne	40 mg/kg/päeva
Pikaajaline – süsteemne toime – üldine rahvastik	Nahakaudne	20 mg/kg/day
Pikaajaline – süsteemne toime – üldine rahvastik	Nahakaudne	20 mg/kg/päeva
Pikaajaline – kohalik toime – üldine rahvastik	Sissehingamine	26.08 mg/m³
Pikaajaline – süsteemne toime – töötajad	Sissehingamine	17,63 mg/m³
Pikaajaline – süsteemne toime – töötajad	Sissehingamine	17.63 mg/m³
Pikaajaline – süsteemne toime – üldine rahvastik	Sissehingamine	52,17 mg/m³
Pikaajaline – süsteemne toime – üldine rahvastik	Sissehingamine	52.17 mg/m³
Pikaajaline – süsteemne toime – üldine rahvastik	Suukaudne	2 mg/kg/day
Pikaajaline – süsteemne toime – üldine rahvastik	Suukaudne	2 mg/kg/päeva

PNEC

2,2',2''-nitrilotriethanol

Suund:	**Kokkupuute aeg:**	**PNEC:**
Magevee setted		1.7 mg/kg
Magevesi		320 µg/L
Merevee setted		170 µg/kg
Merevesi		32 µg/L
Pinnas		151 µg/kg
Reoveepuhasti		10 mg/L
Vahelduv vabastamine (magevesi)		5.12 mg/L

Neodecanoic acid

Suund:	**Kokkupuute aeg:**	**PNEC:**
Magevesi		110 µg/L
Magevesi		0.478 mg/L
Merevesi		11 µg/L
Merevesi		0.0478 mg/L
Röövloomade		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Suund:	**Kokkupuute aeg:**	**PNEC:**
Magevee setted		0,00173 g/cm³
Magevee setted		3.6 mg/kg

Magevesi		0,00048 g/cm³
Magevesi		1 mg/L
Merevee setted		0,000173 g/cm³
Merevee setted		360 µg/kg
Merevesi		0,000048 g/cm³
Merevesi		100 µg/L
Pinnas		0,00167 g/cm³
Pinnas		1.67 mg/kg
Pinnas		0.276 mg/kg
Reoveepuhasti		0,01 g/cm³
Reoveepuhasti		10 mg/L
Vahelduv vabastamine (magevesi)		0.48 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:*

Pärast kasutamist peske käsi.

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:

Soovitatav	Tüüp/Kategooria	Standardid	
Eesmärgipärasel kasutamisel eritingimused puuduvad	-	-	

Käte kaitse:

Materjal	Minimaalne kihi paksus (mm)	Läbimisaeg (min.)	Standardid	
Eesmärgipärasel kasutamisel eritingimused puuduvad	-	-	-	

Silmade kaitse:

Tüüp	Standardid	
Eesmärgipärasel kasutamisel eritingimused puuduvad.	-	

9. JAGU. FÜÜSIKALISED JA KEEMILISED OMADUSED

9.1. Teave üldiste füüsikaliste ja keemiliste omaduste kohta

Olek:
Vedelik

▼*Värvus:*
Värvitu

Lõhn/lõhnalävi (ppm):
Iseloomulik

pH:
8.4

Tihedus (g/cm³):
1,05 (20 °C)

Kinemaatiline viskoossus:
Andmed puuduvad.

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:
Täiesti lahustuv

Jaotustegur n-oktanool/vesi (LogKow):
Andmed puuduvad.

Lahustuvus rasvas (g/L):
Andmed puuduvad.

9.2. Muu teave

Muud füüsikalised ja keemilised parameetrid:
ND: 1.389

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	Neodecanoic acid
Art:	Rott
Suund:	Sissehingamine
Katse:	LC50
Tulemus:	> 3 mg/L

Toode/koostisosa	Neodecanoic acid
Art:	Küülik
Suund:	Nahakaudne
Katse:	LD50
Tulemus:	> 3640 mg/kg

Toode/koostisosa	Neodecanoic acid
Art:	Rott
Suund:	Suukaudne
Katse:	LD50
Tulemus:	2066 mg/kg

Toode/koostisosa	Neodecanoic acid
Suund:	Suukaudne
Tulemus:	2500 mg/kg

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Art:	Rott
Suund:	Suukaudne
Katse:	LD50
Tulemus:	3800 mg/kg

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

Nahka söövitav/ärritav

Toode/koostisosa	Neodecanoic acid
Tulemus:	Kahjulikke toimeid ei täheldatud (Mitteärritav)

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Tulemus:	Täheldati kahjulikke toimeid (Ärritav)

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

Rasket silmade kahjustust/ärritust põhjustav

Toode/koostisosa	Neodecanoic acid

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Tulemus:	Täheldati kahjulikke toimeid (Ärritav)

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

Hingamiselundite sensibiliseerimine

Toode/koostisosa	Neodecanoic acid
Tulemus:	Kahjulikke toimeid ei täheldatud (mitte sensibiliseeriv)

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

Naha sensibiliseerimine

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

Mutageensus sugurakkudele

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

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, millel oleks hormonaalseid häireid põhjustavaid mõjusid tervisele.

Muu teave

2,2',2''-nitrilotriethanol: Aine on IARC poolt klassifitseeritud gruppi 3.

12. JAGU. ÖKOLOOGILINE TEAVE

12.1. Toksilisus

Toode/koostisosa	Neodecanoic acid
Art:	Vetikad, Pseudokirchneriella subcapitata
Periood:	72 tunni
Tulemus:	>100 mg/L

Toode/koostisosa	Neodecanoic acid
Art:	Vesikirp, Daphnia magna
Periood:	48 tunni
Tulemus:	> 1000 mg/L

Toode/koostisosa	Neodecanoic acid
Art:	Kala, Oncorhynchus mykiss
Periood:	96 tunni
Tulemus:	100-300 mg/L

Toode/koostisosa	Neodecanoic acid
Art:	Vesikirp, Daphnia magna
Periood:	21 päeva
Tulemus:	10.1 mg/L

Toode/koostisosa	Neodecanoic acid
Art:	Kala, Oncorhynchus mykiss
Periood:	14 päeva
Katse:	NOEC
Tulemus:	2.22 mg/L

Toode/koostisosa	Neodecanoic acid
Art:	Vesikirp, Daphnia magna
Periood:	21 päeva
Katse:	NOEC
Tulemus:	4.78 mg/L

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Katsemeetod:	OECD 203
Art:	Kala, Brachydanio rerio
Periood:	96 tunni
Katse:	LC50
Tulemus:	>500 mg/L

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Katsemeetod:	OECD 202
Art:	Koorikloom, Daphnia magna
Periood:	48 tunni
Katse:	EC50
Tulemus:	982 mg/L

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Katsemeetod:	OECD 211
Art:	Koorikloom, Daphnia magna
Periood:	21 päeva
Katse:	LC50
Tulemus:	>50 mg/L

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Katsemeetod:	OECD 211
Art:	Koorikloom, Daphnia magna
Periood:	21 päeva
Katse:	EC50
Tulemus:	>50 mg/L

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Katsemeetod:	OECD 211
Art:	Koorikloom, Daphnia magna
Periood:	21 päeva
Katse:	NOEC
Tulemus:	50 mg/L

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Katsemeetod:	OECD 211
Art:	Koorikloom, Daphnia magna
Periood:	21 päeva
Katse:	LOEC
Tulemus:	>50 mg/L

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Katsemeetod:	OECD 201
Art:	Vetikad, Desmodesmus subspicatus
Periood:	72 tunni
Katse:	EbC50
Tulemus:	1223 mg/L

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Katsemeetod:	OECD 201
Art:	Vetikad, Desmodesmus subspicatus
Periood:	72 tunni
Katse:	ErC50
Tulemus:	221 mg/L

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Katsemeetod:	OECD 201
Art:	Vetikad, Desmodesmus subspicatus
Periood:	72 tunni
Katse:	NOEC
Tulemus:	10,5 mg/L

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Katsemeetod:	OECD 201
Art:	Vetikad, Desmodesmus subspicatus
Periood:	72 tunni
Katse:	LOEC
Tulemus:	21 mg/L

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

12.2. Püsivus ja lagunduvus

Toode/koostisosa	Neodecanoic acid
Järeldus:	Kergesti biolagundatav

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
Tulemus:	>95%
Järeldus:	Kergesti biolagundatav

12.3. Bioakumulatsioon

Toode/koostisosa	Neodecanoic acid
Keskkonnaosa:	Magevee setted
Periood:	14 päeva
BCF:	<225
LogKow:	2.08
Järeldus:	Bioakumulatsiooni pole oodata

Toode/koostisosa	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6

Järeldus: -

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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Pakendigrupp

** Keskkonnaohud

Muu teave
ADR, IATA ja IMDG seisukohalt mitteohtlikud ained.

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 keskkonnaalased eeskirjad/õigusaktid

Piirangud kasutamisel:
Üksnes kutsealaseks kasutamiseks.
Vältida rasedate ja imetavate naiste kokkupuudet tootega. Arvesse tuleb võtta võimalikke riske ja töökohal rakendatavaid tehnilisi ettevaatusabinõusid või projektilahendusi kokkupuute välistamiseks.

Nõuded eriväljaõppele:
Erinõuded puuduvad.

SEVESO Ohukategooriad / nimetatud ohtlikud ained:

Ei kohaldu.

Muu teave:
Ei kohaldu.

Allikas:
Töötervishoiu ja tööohutuse nõuded rasedate ja rinnaga toitvate naiste tööks RT I 2009, 31, 197 muudetud järgmiste akt RT I 26.03.2015, 5.
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-lausete tekst
H319, Põhjustab tugevat silmade ärritust.

Lühendid ja akronüümid
ADN = Ohtlike veoste rahvusvahelise siseveeteede 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 Õhuvedude 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

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.
Soovitatav 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

iG.85 patio cleaner

SECCIÓN 1. IDENTIFICACIÓN DE LA SUSTANCIA O LA MEZCLA Y DE LA SOCIEDAD O LA EMPRESA

1.1. Identificador de producto

Nombre comercial:
iG.85 patio cleaner

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:
8/8/2025

Versión FDS:
2.0

Fecha de la emisión anterior:
26/5/2025 (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

2.1. Clasificación de la sustancia o de la mezcla

No clasificado de acuerdo con el Reglamento (CE) nº 1272/2008 (CLP).

2.2. Elementos de la etiqueta

Pictogramas de peligro:
No aplicable.

Palabra de advertencia:
No aplicable.

Indicaciones de peligro:
No aplicable.

Consejos de prudencia:

▼*Generalidades:*
No aplicable.

▼*Prevención:*
No aplicable.

▼*Intervención:*
No aplicable.

▼*Almacenamiento:*
No aplicable.

▼*Eliminación:*
No aplicable.

Identificación de las sustancias principalmente responsables de los riesgos graves para la salud:
No contiene sustancias que haga falta notificar

▼*Etiquetado adicional:*
EUH210, Puede solicitarse la ficha de datos de seguridad.
No aplicable.

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
Neodecanoic acid	N° CAS: 26896-20-8 N° CE: 248-093-9 REACH: N° de índice:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	N° CAS: 24634-61-5 N° CE: 246-376-1 REACH: N° de índice: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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. Llévese 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 náuseas: Llevar a la persona al aire fresco.

Contacto con la piel:
En caso de irritación: Aclarar el producto. En caso de irritación persistente: Buscar un médico.

▼*Contacto con los ojos:*
Aclarar suavemente con agua tibia. Quítese las lentillas si le resulta fácil hacerlo. Seguir aclarando. En caso de irritación o molestias oculares persistentes: acudir al médico.

▼*Ingestión:*
Enjuagarse la boca y beber mucha agua. En caso de que las náuseas persistan: buscar un médico y enseñarle ésta hoja de seguridad.

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
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 / CO2)
Algunos óxidos metálicos

5.3. Recomendaciones para el personal de lucha contra incendios
No tiene requisitos específicos.

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 relatives 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

Evitar todo contacto con la sustancia durante el embarazo y la lactancia.
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

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

2,2',2''-nitrilotriethanol
Valor límite ambiental-exposición diaria (8 horas) (VLA-ED) (mg/m³): 5

Límites de exposición profesional para agentes químicos en España. 2024

DNEL

2,2',2''-nitrilotriethanol

Duración:	Vía de exposición:	DNEL:
Largo plazo - efectos sistémicos- trabajadores	Dérmico	6.3 mg/kg/día
Largo plazo -efectos sistémicos- población general	Dérmico	3.1 mg/kg/día
Largo plazo - efectos locales- trabajadores	Inhalación	1,25 mg/m³
Largo plazo - efectos locales- trabajadores	Inhalación	5 mg/m³
Largo plazo - efectos sistémicos- trabajadores	Inhalación	5 mg/m³
Largo plazo -efectos sistémicos- población general	Inhalación	1.25 mg/m³
Largo plazo -efectos sistémicos- población general	Oral	3.1 mg/kg/día

Neodecanoic acid

Duración:	Vía de exposición:	DNEL:
Largo plazo - efectos sistémicos- trabajadores	Dérmico	29 mg/kg/día
Largo plazo - efectos sistémicos- trabajadores	Dérmico	7.4 mg/kg/día

Largo plazo -efectos sistémicos- población general	Dérmico	17.5 mg/kg/día
Largo plazo -efectos sistémicos- población general	Dérmico	1.06 mg/kg/día
Largo plazo - efectos sistémicos- trabajadores	Inhalación	86 mg/m³
Largo plazo - efectos sistémicos- trabajadores	Inhalación	22.04 mg/m³
Largo plazo -efectos sistémicos- población general	Inhalación	25.79 mg/m³
Largo plazo- efectos locales- población en general	Inhalación	6.52 mg/m³
Largo plazo -efectos sistémicos- población general	Oral	17.5 mg/kg/día
Largo plazo -efectos sistémicos- población general	Oral	1.88 mg/kg/día

potassium (E,E)-hexa-2,4-dienoate

Duración:	**Vía de exposición:**	**DNEL:**
Largo plazo - efectos sistémicos- trabajadores	Dérmico	40 mg/kg/day
Largo plazo - efectos sistémicos- trabajadores	Dérmico	40 mg/kg/día
Largo plazo -efectos sistémicos- población general	Dérmico	20 mg/kg/day
Largo plazo -efectos sistémicos- población general	Dérmico	20 mg/kg/día
Largo plazo- efectos locales- población en general	Dérmico	170 µg/cm²
Largo plazo - efectos sistémicos- trabajadores	Inhalación	17,63 mg/m³
Largo plazo - efectos sistémicos- trabajadores	Inhalación	17.63 mg/m³
Largo plazo -efectos sistémicos- población general	Inhalación	52,17 mg/m³
Largo plazo -efectos sistémicos- población general	Inhalación	52.17 mg/m³
Largo plazo- efectos locales- población en general	Inhalación	26.08 mg/m³
Largo plazo -efectos sistémicos- población general	Oral	2 mg/kg/day
Largo plazo -efectos sistémicos- población general	Oral	2 mg/kg/día

PNEC

2,2',2''-nitrilotriethanol

Vía de exposición:	**Tiempo de exposición:**	**PNEC:**
Agua dulce		320 µg/L
Agua marina		32 µg/L
Depuradora de aguas residuales		10 mg/L
Liberación intermitente (agua dulce)		5.12 mg/L
Sedimento de agua dulce		1.7 mg/kg
Sedimento de agua marina		170 µg/kg
Tierra		151 µg/kg

Neodecanoic acid

Vía de exposición:	**Tiempo de exposición:**	**PNEC:**
Agua dulce		110 µg/L
Agua dulce		0.478 mg/L
Agua marina		11 µg/L
Agua marina		0.0478 mg/L
Depredadores		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Vía de exposición:	**Tiempo de exposición:**	**PNEC:**
Agua dulce		0,00048 g/cm³

Agua dulce		1 mg/L
Agua marina		0,000048 g/cm³
Agua marina		100 µg/L
Depuradora de aguas residuales		0,01 g/cm³
Depuradora de aguas residuales		10 mg/L
Liberación intermitente (agua dulce)		0.48 mg/L
Sedimento de agua dulce		0,00173 g/cm³
Sedimento de agua dulce		3.6 mg/kg
Sedimento de agua marina		0,000173 g/cm³
Sedimento de agua marina		360 µg/kg
Tierra		0,00167 g/cm³
Tierra		1.67 mg/kg
Tierra		0.276 mg/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:*

Lavarse las manos después de su uso.

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:

Material	Espesura minima de capa (mm)	Tiempo de penetración (min.)	Normas	
No se requiere ninguna en especial en condiciones normales de uso	-	-	-	

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:*
Incoloro

Olor / Umbral olfativo (ppm):
Característico

pH:
8.4

Densidad (g/cm^3):
1,05 (20 °C)

Viscosidad cinemática:
No se dispone de datos.

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:
Completamente soluble

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:
ND: 1.389

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.° 1272/2008

Toxicidad aguda

Producto / ingrediente	Neodecanoic acid
Especies:	Rata
Vía de exposición:	Inhalación
Prueba:	CL50
Resultado:	> 3 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Conejo
Vía de exposición:	Dérmico
Prueba:	DL50
Resultado:	> 3640 mg/kg

Producto / ingrediente	Neodecanoic acid
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	2066 mg/kg

Producto / ingrediente	Neodecanoic acid
Vía de exposición:	Oral
Resultado:	2500 mg/kg

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	3800 mg/kg

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Corrosión o irritación cutáneas

Producto / ingrediente	Neodecanoic acid
Resultado:	No se observan efectos adversos (No es irritante)

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Resultado:	Se observan efectos adversos (Irritante)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Lesiones o irritación ocular graves

Producto / ingrediente	Neodecanoic acid

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Resultado:	Se observan efectos adversos (Irritante)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Sensibilización respiratoria

Producto / ingrediente	Neodecanoic acid
Resultado:	No se observan efectos adversos (no sensibilizantes)

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Sensibilización cutánea

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

Mutagenicidad en células germinales

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

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

2,2',2''-nitrilotriethanol ha sido clasificado por IARC como grupo 3.

SECCIÓN 12. INFORMACIÓN ECOLÓGICA

12.1. Toxicidad

Producto / ingrediente	Neodecanoic acid
Especies:	Alga, Pseudokirchneriella subcapitata
Duración:	72 horas
Resultado:	>100 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Daphnia, Daphnia magna
Duración:	48 horas
Resultado:	> 1000 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Pez, Oncorhynchus mykiss
Duración:	96 horas
Resultado:	100-300 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Daphnia, Daphnia magna
Duración:	21 días
Resultado:	10.1 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Pez, Oncorhynchus mykiss
Duración:	14 días
Prueba:	NOEC
Resultado:	2.22 mg/L

Producto / ingrediente	Neodecanoic acid
Especies:	Daphnia, Daphnia magna
Duración:	21 días
Prueba:	NOEC
Resultado:	4.78 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 203
Especies:	Pez, Brachydanio rerio
Duración:	96 horas
Prueba:	CL50
Resultado:	>500 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 202
Especies:	Crustáceo, Daphnia magna
Duración:	48 horas
Prueba:	CE50
Resultado:	982 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 211
Especies:	Crustáceo, Daphnia magna
Duración:	21 días
Prueba:	CL50
Resultado:	>50 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 211

Especies:	Crustáceo, Daphnia magna
Duración:	21 días
Prueba:	CE50
Resultado:	>50 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 211
Especies:	Crustáceo, Daphnia magna
Duración:	21 días
Prueba:	NOEC
Resultado:	50 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 211
Especies:	Crustáceo, Daphnia magna
Duración:	21 días
Prueba:	LOEC
Resultado:	>50 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 201
Especies:	Alga, Desmodesmus subspicatus
Duración:	72 horas
Prueba:	EbC50
Resultado:	1223 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 201
Especies:	Alga, Desmodesmus subspicatus
Duración:	72 horas
Prueba:	ErC50
Resultado:	221 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 201
Especies:	Alga, Desmodesmus subspicatus
Duración:	72 horas
Prueba:	NOEC
Resultado:	10,5 mg/L

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Método de ensayo:	OCDE 201
Especies:	Alga, Desmodesmus subspicatus
Duración:	72 horas
Prueba:	LOEC
Resultado:	21 mg/L

A la vista de los datos disponibles, no se cumplen los criterios de clasificación.

12.2. Persistencia y degradabilidad

Producto / ingrediente	Neodecanoic acid
Conclusión:	Fácil biodegradabilidad

Producto / ingrediente	potassium (E,E)-hexa-2,4-dienoate
Resultado:	>95%
Conclusión:	Fácil biodegradabilidad

12.3. Potencial de bioacumulación

Producto / ingrediente	Neodecanoic acid
Compartimento medioambiental:	Sedimento de agua dulce
Duración:	14 días
BCF:	<225

LogKow: 2.08
Conclusión: No se espera bioacumulación

Producto / ingrediente potassium (E,E)-hexa-2,4-dienoate
BCF: 2,6
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) n° 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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Grupo de embalaje

** Peligros para el medio ambiente

Otros
Productos no peligrosos de conformidad con el ADR, IATA y el IMDG.

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.
Las mujeres embarazadas o en periodo de lactancia no deben exponerse a los efectos del producto. Por tanto se valorará el riesgo y las posibilidades de preparativos técnicos o disposición del lugar de trabajo para prevenir estos efectos.

Requisitos de formación específica:

No tiene requisitos específicos.

SEVESO - Categorías de peligro / Sustancias peligrosas nominadas:

No aplicable.

Otros:

No aplicable.

Fuentes:

Real Decreto 39/1997 sobre Seguridad y Salud de la Trabajadora Embarazada, modificado por Real Decreto 298/2009.
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

H319, Provoca irritación ocular grave.

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 Mercancias 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

iG.85 patio cleaner

KOHTA 1: AINEEN TAI SEOKSEN JA YHTIÖN TAI YRITYKSEN TUNNISTETIEDOT

1.1. Tuotetunniste

Kauppanimi:
iG.85 patio cleaner

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:
8.8.2025

KTT:n versio:
2.0

Edellinen päiväys:
26.5.2025 (1.0)

1.4. Hätäpuhelinnumero

HUS Myrkytystietokeskus 24 h/vrk, puh. 0800 147 111.
Myrkytystietokeskus/HUS, Tukholmankatu 17, 00029 HUS (Helsinki)
Ks. ensiaputoimenpiteet kohta 4.

KOHTA 2: VAARAN YKSILÖINTI

2.1. Aineen tai seoksen luokitus

Ei luokiteltu asetuksen (EY) nro 1272/2008 (CLP) mukaan.

2.2. Merkinnät

Varoitusmerkit:
Ei sovellettavissa.

Huomiosana:
Ei sovellettavissa.

Vaaralausekkeet:
Ei sovellettavissa.

Turvalausekkeet:

▼*Yleiset:*
Ei sovellettavissa.

▼*Ennaltaehkäisy:*
Ei sovellettavissa.

▼*Pelastustoimenpiteet:*
Ei sovellettavissa.

▼*Varastointi:*
Ei sovellettavissa.

▼*Jätteiden käsittely:*
Ei sovellettavissa.

Vaaralliset aineet:
Ei sisällä ilmoitusvelvollisuutta koskevia aineita

▼*Täydentävät tiedot:*
EUH210, Käyttöturvallisuustiedote toimitetaan pyynnöstä.
Ei sovellettavissa.

2.3. Muut vaarat

Muuta:
Tämä seos/tuote ei sisällä aineita, jotka täyttäisivät 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
Neodecanoic acid	CAS: 26896-20-8 EY: 248-093-9 REACH-rek.nro.: Indeksinro.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS: 24634-61-5 EY: 246-376-1 REACH-rek.nro.: Indeksinro.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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:*
Jos ilmenee epämukavuutta: siirrä altistunut henkilö raittiiseen ilmaan.

Kosketus ihoon:
Jos ilmenee ärsytystä: huuhtele vedellä. Jos ärsytys jatkuu: hakeudu lääkärin hoitoon.

▼*Kosketus silmiin:*
Huuhtele varovasti haalealla vedellä. Poista mahdolliset piilolinssit, jos sen voi tehdä helposti. Jatka huuhtelua. Jos silmien ärsytys tai epämukavuus jatkuu, hakeudu lääkärin hoitoon.

▼*Nieltynä:*
Huuhtele suu ja juo runsaasti vettä. Jos epämukavuuden tunne jatkuu: hakeudu lääkärin hoitoon ja näytä tämä käyttöturvallisuustiedote.

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
Tulipalo muodostaa paksua savua. Altistuminen hajoamistuotteille voi aiheuttaa vaaran terveydelle. Tulelle altistuneet suljetut säiliöt jäähdytetään 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
Ei erityisvaatimuksia.

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, viemäriverkostoon 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
Vältä kosketusta raskauden ja imetyksen aikana.
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

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
2,2',2''-nitrilotriethanol
HTP-arvot (8 h) (mg/m³): 5

Sosiaali- ja terveysministeriön asetus haitallisiksi tunnetuista pitoisuuksista (55/2025).

DNEL
2,2',2''-nitrilotriethanol

Kesto:	**Altistumisreitti:**	**DNEL:**
Pitkäaikainen – paikalliset vaikutukset - työntekijät	Hengitettynä	1,25 mg/m³
Pitkäaikainen – paikalliset vaikutukset - työntekijät	Hengitettynä	5 mg/m³
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Hengitettynä	5 mg/m³
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Hengitettynä	1.25 mg/m³
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Ihon kautta	6.3 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Ihon kautta	3.1 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Suun kautta	3.1 mg/kg/päivä

Neodecanoic acid

Kesto:	**Altistumisreitti:**	**DNEL:**
Pitkäaikainen – paikalliset vaikutukset - väestö	Hengitettynä	6.52 mg/m³
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Hengitettynä	86 mg/m³
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Hengitettynä	22.04 mg/m³
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Hengitettynä	25.79 mg/m³
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Ihon kautta	29 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Ihon kautta	7.4 mg/kg/päivä

Pitkäaikainen – Systemaattiset vaikutukset - väestö	Ihon kautta	17.5 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Ihon kautta	1.06 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Suun kautta	17.5 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Suun kautta	1.88 mg/kg/päivä

potassium (E,E)-hexa-2,4-dienoate

Kesto:	**Altistumisreitti:**	**DNEL:**
Pitkäaikainen – paikalliset vaikutukset - väestö	Hengitettynä	26.08 mg/m³
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Hengitettynä	17,63 mg/m³
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Hengitettynä	17.63 mg/m³
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Hengitettynä	52,17 mg/m³
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Hengitettynä	52.17 mg/m³
Pitkäaikainen – paikalliset vaikutukset - väestö	Ihon kautta	170 µg/cm²
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Ihon kautta	40 mg/kg/day
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Ihon kautta	40 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Ihon kautta	20 mg/kg/day
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Ihon kautta	20 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Suun kautta	2 mg/kg/day
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Suun kautta	2 mg/kg/päivä

PNEC

2,2',2''-nitrilotriethanol

Altistumisreitti:	**Altistumisen kesto:**	**PNEC:**
Jaksottainen päästö (makeavesi)		5.12 mg/L
Jäteveden käsittelylaitos		10 mg/L
Maa		151 µg/kg
Makeanveden sedimentti		1.7 mg/kg
Makeavesi		320 µg/L
Meriveden sedimentti		170 µg/kg
Merivesi		32 µg/L

Neodecanoic acid

Altistumisreitti:	**Altistumisen kesto:**	**PNEC:**
Makeavesi		110 µg/L
Makeavesi		0.478 mg/L
Merivesi		11 µg/L
Merivesi		0.0478 mg/L
Petoeläimet		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Altistumisreitti:	**Altistumisen kesto:**	**PNEC:**
Jaksottainen päästö (makeavesi)		0.48 mg/L
Jäteveden käsittelylaitos		0,01 g/cm³
Jäteveden käsittelylaitos		10 mg/L
Maa		0,00167 g/cm³
Maa		1.67 mg/kg

Maa		0.276 mg/kg
Makeanveden sedimentti		0,00173 g/cm³
Makeanveden sedimentti		3.6 mg/kg
Makeavesi		0,00048 g/cm³
Makeavesi		1 mg/L
Meriveden sedimentti		0,000173 g/cm³
Meriveden sedimentti		360 µg/kg
Merivesi		0,000048 g/cm³
Merivesi		100 µg/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:

Ammattikäyttäjiä 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.

▼*Hygieniatoimenpiteet:*

Pese kädet käytön jälkeen.

Varotoimet ympäristöaltistuksen rajoittamiseksi:

Ei erityisvaatimuksia.

Henkilökohtaiset suojatoimenpiteet, 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:

Materiaali	**Paksuus (mm)**	**Läpäisyaika (min.)**	**Standardit**	
Ei erityisvaatimuksia normaalissa käytössä.	-	-	-	

Silmien ja kasvojen suojaus:

Tyyppi	**Standardit**	
Ei erityisvaatimuksia normaalissa käytössä.	-	

KOHTA 9: FYSIKAALISET JA KEMIALLISET OMINAISUUDET

9.1. Fysikaalisia ja kemiallisia perusominaisuuksia koskevat tiedot

Olomuoto:
Nestemäinen

▼*Väri:*
Väritön

Haju / Hajukynnys (ppm):
Ominainen haju

pH:
8.4

Tiheys (g/cm^3):
1,05 (20 °C)

Kinemaattinen viskositeetti:
Tietoja ei saatavilla.

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.

Räjähdysrajat (% v/v):
Tietoja ei saatavilla.

Liukoisuus

Vesiliukoisuus:
Täysin liukeneva

Jakautumiskerroin: n-oktanoli/vesi (LogKow):
Tietoja ei saatavilla.

Rasvaliukoisuus (g/L):
Tietoja ei saatavilla.

9.2. Muut tiedot

Muut fysikaaliset ja kemialliset parametrit:
ND: 1.389

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	Neodecanoic acid
Laji:	Rotta
Altistumisreitti:	Hengitettynä
Testi:	LC50
Tulos:	> 3 mg/L

Tuote/aineosa	Neodecanoic acid
Laji:	Kani
Altistumisreitti:	Ihon kautta
Testi:	LD50
Tulos:	> 3640 mg/kg

Tuote/aineosa	Neodecanoic acid
Laji:	Rotta
Altistumisreitti:	Suun kautta
Testi:	LD50
Tulos:	2066 mg/kg

Tuote/aineosa	Neodecanoic acid
Altistumisreitti:	Suun kautta
Tulos:	2500 mg/kg

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Laji:	Rotta
Altistumisreitti:	Suun kautta
Testi:	LD50
Tulos:	3800 mg/kg

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Ihosyövyttävyys/ihoärsytys

Tuote/aineosa	Neodecanoic acid

Tulos: Haittavaikutuksia ei havaittu (Ei ärsyttävä)

Tuote/aineosa potassium (E,E)-hexa-2,4-dienoate
Tulos: Havaittu haittavaikutuksia (Ärsyttävä)

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Vakava silmävaurio/silmä-ärsytys

Tuote/aineosa Neodecanoic acid

Tuote/aineosa potassium (E,E)-hexa-2,4-dienoate
Tulos: Havaittu haittavaikutuksia (Ärsyttävä)

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Hengitysteiden herkistyminen

Tuote/aineosa Neodecanoic acid
Tulos: Haittavaikutuksia ei havaittu (ei herkistävä)

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Ihon herkistyminen

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Sukusolujen perimää vaurioittavat vaikutukset

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.

Elinkohtainen myrkyllisyys – kerta-altistuminen

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Elinkohtainen 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

2,2',2''-nitrilotriethanol: IARC on luokitellut aineen ryhmään 3.

KOHTA 12: TIEDOT VAARALLISUUDESTA YMPÄRISTÖLLE

12.1. Myrkyllisyys

Tuote/aineosa Neodecanoic acid
Laji: Levä, Pseudokirchneriella subcapitata
Kesto: 72 h
Tulos: >100 mg/L

Tuote/aineosa Neodecanoic acid
Laji: Vesikirppu, Daphnia magna
Kesto: 48 h
Tulos: > 1000 mg/L

Tuote/aineosa Neodecanoic acid
Laji: Kala, Oncorhynchus mykiss

Kesto:	96 h
Tulos:	100-300 mg/L

Tuote/aineosa	Neodecanoic acid
Laji:	Vesikirppu, Daphnia magna
Kesto:	21 pv
Tulos:	10.1 mg/L

Tuote/aineosa	Neodecanoic acid
Laji:	Kala, Oncorhynchus mykiss
Kesto:	14 pv
Testi:	NOEC
Tulos:	2.22 mg/L

Tuote/aineosa	Neodecanoic acid
Laji:	Vesikirppu, Daphnia magna
Kesto:	21 pv
Testi:	NOEC
Tulos:	4.78 mg/L

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Testimenetelmä:	OECD 203
Laji:	Kala, Brachydanio rerio
Kesto:	96 h
Testi:	LC50
Tulos:	>500 mg/L

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Testimenetelmä:	OECD 202
Laji:	Äyriäinen, Daphnia magna
Kesto:	48 h
Testi:	EC50
Tulos:	982 mg/L

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Testimenetelmä:	OECD 211
Laji:	Äyriäinen, Daphnia magna
Kesto:	21 pv
Testi:	LC50
Tulos:	>50 mg/L

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Testimenetelmä:	OECD 211
Laji:	Äyriäinen, Daphnia magna
Kesto:	21 pv
Testi:	EC50
Tulos:	>50 mg/L

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Testimenetelmä:	OECD 211
Laji:	Äyriäinen, Daphnia magna
Kesto:	21 pv
Testi:	NOEC
Tulos:	50 mg/L

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Testimenetelmä:	OECD 211
Laji:	Äyriäinen, Daphnia magna
Kesto:	21 pv
Testi:	LOEC
Tulos:	>50 mg/L

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Testimenetelmä:	OECD 201
Laji:	Levä, Desmodesmus subspicatus
Kesto:	72 h
Testi:	EbC50
Tulos:	1223 mg/L

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Testimenetelmä:	OECD 201
Laji:	Levä, Desmodesmus subspicatus
Kesto:	72 h
Testi:	ErC50
Tulos:	221 mg/L

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Testimenetelmä:	OECD 201
Laji:	Levä, Desmodesmus subspicatus
Kesto:	72 h
Testi:	NOEC
Tulos:	10,5 mg/L

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Testimenetelmä:	OECD 201
Laji:	Levä, Desmodesmus subspicatus
Kesto:	72 h
Testi:	LOEC
Tulos:	21 mg/L

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

12.2. Pysyvyys ja hajoavuus

Tuote/aineosa	Neodecanoic acid
Johtopäätös:	Nopea biohajoavuus

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Tulos:	>95%
Johtopäätös:	Nopea biohajoavuus

12.3. Biokertyvyys

Tuote/aineosa	Neodecanoic acid
Ympäristön osa-alue:	Makeanveden sedimentti
Kesto:	14 pv
Biologinen kertymistekijä	<225
LogKow:	2.08
Johtopäätös:	Biokertyvyys ei odotettavissa

Tuote/aineosa	potassium (E,E)-hexa-2,4-dienoate
Biologinen kertymistekijä	2,6
Johtopäätös:	-

12.4. Liikkuvuus maaperässä

Tietoja ei saatavilla.

12.5. PBT- ja vPvB-arvioinnin tulokset

Tämä seos/tuote ei sisällä aineita, jotka täyttäisivät 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 jätekoodi:

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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Pakkausryhmä

** Ympäristövaarat

Muuta

Ei vaarallinen tuote ADR-, IATA- ja IMDG-sääntöjen mukaan.

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.
Raskaana olevia ja imettäviä naisia ei saa altistaa tälle tuotteelle. Altistumisriski ja altistumisen ehkäisemiseen käytettävät tekniset suojaustoimenpiteet on huomioitava.

Erityiskoulutusta koskevat vaatimukset:

Ei erityisvaatimuksia.

SEVESO - Vaarallisten aineiden kategoriat / Nimetyt vaaralliset aineet:

Ei sovellettavissa.

Muuta:

Ei sovellettavissa.

Lähteet:

Valtioneuvoston asetus raskaana olevien, äskettäin synnyttäneiden ja imettävien työntekijöiden suojelemisesta työssä vaaraa aiheuttavilta tekijöiltä (143/2024)
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 luokituksesta, 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

H319, Ärsyttää voimakkaasti silmiä.

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 luokituksesta, 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 sopimusmenen 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 ogaaniset 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

iG.85 patio cleaner

RUBRIQUE 1: IDENTIFICATION DE LA SUBSTANCE/DU MÉLANGE ET DE LA SOCIÉTÉ/DE L'ENTREPRISE

1.1. Identificateur de produit

Marque commerciale:
iG.85 patio cleaner

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:
08/08/2025

Version de la fiche de données de sécurité:
2.0

Date de la précédente édition:
26/05/2025 (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

2.1. Classification de la substance ou du mélange

Non classé selon le Règlement (CE) n° 1272/2008.

2.2. Éléments d'étiquetage

Pictogramme(s) de danger:
Sans objet.

Mention d'avertissement:
Sans objet.

Mention(s) de danger:
Sans objet.

Conseil(s) de prudence:

▼*Générales:*
Sans objet.

▼*Précautions:*
Sans objet.

▼*Intervention:*
Sans objet.

▼*Stockage:*
Sans objet.

▼*Élimination:*
Sans objet.

Contient:
Ne contient pas de substances dont la déclaration est obligatoire

▼*Autre étiquetage:*
EUH210, Fiche de données de sécurité disponible sur demande.
Sans objet.

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
Neodecanoic acid	N° CAS : 26896-20-8 N° CE: 248-093-9 REACH: N° index :	10-15%		
potassium (E,E)-hexa-2,4-dienoate	N° CAS : 24634-61-5 N° CE: 246-376-1 REACH: N° index : 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 gêne : sortez la personne à l'air frais.

Contact cutané:
En cas d'irritation : rincez le produit. En cas d'irritation continue : Consultez un médecin.

▼*Contact visuel:*
Rincer délicatement à l'eau tiède. Retirer les éventuelles lentilles de contact si cela est facile à faire. Continuer à rincer. En cas d'irritation ou de gêne oculaire persistante : consulter un médecin.

▼*Ingestion:*
Rincez la bouche abondamment et buvez de grandes quantités d'eau. En cas de gêne continue : consultez une assistance médicale et présentez cette fiche de données de sécurité.

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
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
Pas d'exigences particulières.

RUBRIQUE 6: MESURES À PRENDRE EN CAS DE DISPERSION ACCIDENTELLE

6.1. Précautions individuelles, équipement de protection et procédures d'urgence
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. Evitez 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
Éviter tout contact avec la substance au cours de la grossesse et pendant l'allaitement.
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

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
Le produit ne contient aucune substance énumérée dans la liste française des substances avec une limite d'exposition en milieu de travail.

DNEL
Neodecanoic acid

Durée :	**Voie d'exposition :**	**DNEL :**
Effets systématiques à long terme - population globale	Cutanée	17.5 mg/kg/jour
Effets systématiques à long terme - population globale	Cutanée	1.06 mg/kg/jour
Effets systématiques à long terme - Travailleurs	Cutanée	29 mg/kg/jour
Effets systématiques à long terme - Travailleurs	Cutanée	7.4 mg/kg/jour
Effets locaux à long terme - population globale	Inhalation	6.52 mg/m³
Effets systématiques à long terme - population globale	Inhalation	25.79 mg/m³
Effets systématiques à long terme - Travailleurs	Inhalation	86 mg/m³
Effets systématiques à long terme - Travailleurs	Inhalation	22.04 mg/m³
Effets systématiques à long terme - population globale	Orale	17.5 mg/kg/jour
Effets systématiques à long terme - population globale	Orale	1.88 mg/kg/jour

potassium (E,E)-hexa-2,4-dienoate

Durée :	**Voie d'exposition :**	**DNEL :**
Effets locaux à long terme - population globale	Cutanée	170 µg/cm²
Effets systématiques à long terme - population globale	Cutanée	20 mg/kg/day
Effets systématiques à long terme - population globale	Cutanée	20 mg/kg/jour

Effets systématiques à long terme - Travailleurs	Cutanée	40 mg/kg/day
Effets systématiques à long terme - Travailleurs	Cutanée	40 mg/kg/jour
Effets locaux à long terme - population globale	Inhalation	26.08 mg/m³
Effets systématiques à long terme - population globale	Inhalation	52,17 mg/m³
Effets systématiques à long terme - population globale	Inhalation	52.17 mg/m³
Effets systématiques à long terme - Travailleurs	Inhalation	17,63 mg/m³
Effets systématiques à long terme - Travailleurs	Inhalation	17.63 mg/m³
Effets systématiques à long terme - population globale	Orale	2 mg/kg/day
Effets systématiques à long terme - population globale	Orale	2 mg/kg/jour

PNEC

Neodecanoic acid

Voie d'exposition :	**Durée d'exposition :**	**PNEC :**
Eau de mer		11 µg/L
Eau de mer		0.0478 mg/L
Eau douce		110 µg/L
Eau douce		0.478 mg/L
Prédateurs		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Voie d'exposition :	**Durée d'exposition :**	**PNEC :**
Eau de mer		0,000048 g/cm³
Eau de mer		100 µg/L
Eau douce		0,00048 g/cm³
Eau douce		1 mg/L
Emission intermittente (eau douce)		0.48 mg/L
Installation de traitement des eaux usées		0,01 g/cm³
Installation de traitement des eaux usées		10 mg/L
Sédiments en eau de marines		0,000173 g/cm³
Sédiments en eau de marines		360 µg/kg
Sédiments en eau douce		0,00173 g/cm³
Sédiments en eau douce		3.6 mg/kg
Sol		0,00167 g/cm³
Sol		1.67 mg/kg
Sol		0.276 mg/kg

8.2. ▼Contrôles de l'exposition

Appliquer un contrôle général pour éviter une exposition inutile.

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:

Il n'existe pas de limites d'exposition pour les substances contenues dans le produit.

Mesures techniques:

Suivez les précautions habituelles quand vous utilisez le produit. Évitez de respirer les vapeurs.

▼*Mesures d'hygiène:*

Se laver les mains après utilisation.

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:

Matériel	Épaisseur minimum (mm)	Délai de rupture (min.)	Normes	
Rien de spécial quand utilisé tel que prévu	-	-	-	

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:*
Incolore

Odeur / Seuil olfactif (ppm):
Caractéristique

pH:
8.4

Densité (g/cm³):
1,05 (20 °C)

Viscosité cinématique:
Aucune information disponible.

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:
Complètement soluble

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:
ND: 1.389

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	Neodecanoic acid
Espèce :	Rat

Voie d'exposition :	Inhalation
Test :	CL50
Valeur :	> 3 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Lapin
Voie d'exposition :	Cutanée
Test :	DL50
Valeur :	> 3640 mg/kg

Produit/composant	Neodecanoic acid
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	2066 mg/kg

Produit/composant	Neodecanoic acid
Voie d'exposition :	Orale
Valeur :	2500 mg/kg

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	3800 mg/kg

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Corrosion cutanée/irritation cutanée

Produit/composant	Neodecanoic acid
Valeur :	Aucun effet nocif observé (Non irritant)

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Valeur :	Effets nocifs observés (Irritant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Lésions oculaires graves/irritation oculaire

Produit/composant	Neodecanoic acid

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Valeur :	Effets nocifs observés (Irritant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Sensibilisation respiratoire

Produit/composant	Neodecanoic acid
Valeur :	Aucun effet nocif observé (pas sensibilisant)

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Sensibilisation cutanée

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

Mutagénicité sur les cellules germinales

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

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
Aucune connue.

RUBRIQUE 12: INFORMATIONS ÉCOLOGIQUES

12.1. Toxicité

Produit/composant	Neodecanoic acid
Espèce :	Algues, Pseudokirchneriella subcapitata
Durée :	72 heures
Valeur :	>100 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Daphnie, Daphnia magna
Durée :	48 heures
Valeur :	> 1000 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Poisson, Oncorhynchus mykiss
Durée :	96 heures
Valeur :	100-300 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Daphnie, Daphnia magna
Durée :	21 jours
Valeur :	10.1 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Poisson, Oncorhynchus mykiss
Durée :	14 jours
Test :	CSEO
Valeur :	2.22 mg/L

Produit/composant	Neodecanoic acid
Espèce :	Daphnie, Daphnia magna
Durée :	21 jours
Test :	CSEO
Valeur :	4.78 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 203
Espèce :	Poisson, Brachydanio rerio
Durée :	96 heures
Test :	CL50
Valeur :	>500 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 202
Espèce :	Crustacés, Daphnia magna

Durée :	48 heures
Test :	CE50
Valeur :	982 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours
Test :	CL50
Valeur :	>50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours
Test :	CE50
Valeur :	>50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours
Test :	CSEO
Valeur :	50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 211
Espèce :	Crustacés, Daphnia magna
Durée :	21 jours
Test :	LOEC
Valeur :	>50 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	EbC50
Valeur :	1223 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	ErC50
Valeur :	221 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	CSEO
Valeur :	10,5 mg/L

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Méthode d'essai :	OCDE 201
Espèce :	Algues, Desmodesmus subspicatus
Durée :	72 heures
Test :	LOEC
Valeur :	21 mg/L

Compte tenu des données disponibles, les critères de classification ne sont pas remplis.

12.2. Persistance et dégradabilité

Produit/composant	Neodecanoic acid
Conclusion :	Biodégradabilité facile

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
Valeur :	>95%
Conclusion :	Biodégradabilité facile

12.3. Potentiel de bioaccumulation

Produit/composant	Neodecanoic acid
Milieu environnemental :	Sédiments en eau douce
Durée :	14 jours
BCF:	<225
LogKow :	2.08
Conclusion :	Il n'est pas prévu de bioaccumulation

Produit/composant	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 informations :
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Groupe d'emballage

** Dangers pour l'environnement

Autre

Marchandises non dangereuses conformément à ADR, IATA et IMDG.

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.
Les femmes enceintes et allaitantes ne doivent pas être exposées aux effets du produit. La prise en compte des risques et les mesures techniques à adopter ou l'aménagement du lieu de travail pour faire face à de tels effets nocifs doit donc être évaluée.

Demandes de formation spécifique:
Pas d'exigences particulières.

Protection contre les accidents majeurs - Categories / Substances dangereuses désignées:
Sans objet.

Autre:
Sans objet.

Sources:
Ordonnance n° 2001-173 du 22 février 2001 relative a l'amélioration de la sécurité et de la santé des travailleuses enceintes, accouchées ou allaitantes au travail.
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
H319, Provoque une sévère irritation des yeux.

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
LogKoe = 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

Conformément à l'Article 31 de REACH, ce produit ne requiert pas de fiche de données de sécurité. Cette fiche de données de sécurité a été créée volontairement afin de fournir des informations pertinentes comme spécifié dans l'Article 32 de REACH.

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

iG.85 patio cleaner

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

1.1. Product identifier

Trade name:
iG.85 patio cleaner

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:
08/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (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 111 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

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):
Not applicable.

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

Hazardous substances:
Does not contain any substances required to report

▼*Additional labelling:*
EUH210, Safety data sheet available on request.
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9 UK-REACH: Index No.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1 UK-REACH: Index No.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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:*
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

▼*Eye contact:*
Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

▼*Ingestion:*
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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 in the national list of substances with an occupational exposure limit.

DNEL
Neodecanoic acid

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	17.5 mg/kg bw/day
Long term – Systemic effects - General population	Dermal	1.06 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	29 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	7.4 mg/kg bw/day
Long term – Local effects - General population	Inhalation	6.52 mg/m³
Long term – Systemic effects - General population	Inhalation	25.79 mg/m³
Long term – Systemic effects - Workers	Inhalation	86 mg/m³
Long term – Systemic effects - Workers	Inhalation	22.04 mg/m³
Long term – Systemic effects - General population	Oral	17.5 mg/kg bw/day
Long term – Systemic effects - General population	Oral	1.88 mg/kg bw/day

potassium (E,E)-hexa-2,4-dienoate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	170 µg/cm²
Long term – Systemic effects - General population	Dermal	20 mg/kg/day
Long term – Systemic effects - General population	Dermal	20 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	40 mg/kg/day
Long term – Systemic effects - Workers	Dermal	40 mg/kg bw/day

Long term – Local effects - General population	Inhalation	26.08 mg/m³
Long term – Systemic effects - General population	Inhalation	52,17 mg/m³
Long term – Systemic effects - General population	Inhalation	52.17 mg/m³
Long term – Systemic effects - Workers	Inhalation	17,63 mg/m³
Long term – Systemic effects - Workers	Inhalation	17.63 mg/m³
Long term – Systemic effects - General population	Oral	2 mg/kg/day
Long term – Systemic effects - General population	Oral	2 mg/kg bw/day

PNEC

Neodecanoic acid

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		110 µg/L
Freshwater		0.478 mg/L
Marine water		11 µg/L
Marine water		0.0478 mg/L
Predators		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0,00048 g/cm³
Freshwater		1 mg/L
Freshwater sediment		0,00173 g/cm³
Freshwater sediment		3.6 mg/kg
Intermittent release (freshwater)		0.48 mg/L
Marine water		0,000048 g/cm³
Marine water		100 µg/L
Marine water sediment		0,000173 g/cm³
Marine water sediment		360 µg/kg
Sewage treatment plant		0,01 g/cm³
Sewage treatment plant		10 mg/L
Soil		0,00167 g/cm³
Soil		1.67 mg/kg
Soil		0.276 mg/kg

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:*

Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour / Odour threshold:
Characteristic

pH:
8.4

Density (g/cm^3):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50

Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3800 mg/kg

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

Skin corrosion/irritation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (Not irritating)

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance	Neodecanoic acid

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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
None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	Neodecanoic acid
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Result:	>100 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	> 1000 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50

Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid

Conclusion: Readily biodegradable

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: >95%
Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

Product/substance: Neodecanoic acid
Compartment: Freshwater sediment
Duration: 14 days
BCF: <225
LogKow: 2.08
Conclusion: Bioaccumulation is not expected

Product/substance: potassium (E,E)-hexa-2,4-dienoate
BCF: 2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education:
No specific requirements.

Control of Major Accident Hazards (COMAH) - Categories / dangerous substances:
Not applicable.

Additional information:
Not applicable.

Sources:
The Health and Safety at Work etc. Act 1974 Regulations 2013.
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
H319, Causes serious eye irritation.

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

In accordance with UK-REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required by UK-REACH.

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

iG.85 patio cleaner

ΤΜΗΜΑ 1: ΑΝΑΓΝΩΡΙΣΤΙΚΌΣ ΚΩΔΙΚΌΣ ΟΥΣΊΑΣ/ΜΕΊΓΜΑΤΟΣ ΚΑΙ ΕΠΙΧΕΊΡΗΣΗΣ

1.1. Αναγνωριστικός κωδικός προϊόντος

Εμπορική ονομασία:
iG.85 patio cleaner

1.2. Συναφείς προσδιοριζόμενες χρήσεις της ουσίας ή του μείγματος και αντενδεικνυόμενες χρήσεις

Αντίστοιχες εξακριβωμένες χρήσεις της ουσίας ή του μίγματος:
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:
8/8/2025

Έκδοση SDS:
2.0

Ημερομηνία προηγούμενης έκδοσης:
26/5/2025 (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

2.1. Ταξινόμηση της ουσίας ή του μείγματος

Δεν ταξινομείται σύμφωνα με τον Κανονισμό (ΕΚ) Αρ. 1272/2008 (CLP)

2.2. Στοιχεία ετικέτας

Εικονόγραμμα/εικονογράμματα κινδύνου:
Δεν εφαρμόζεται

Προειδοποιητική λέξη:
Δεν εφαρμόζεται

Δήλωση (Δηλώσεις) κινδύνου:
Δεν εφαρμόζεται

Δήλωση/δηλώσεις προφυλάξεων:

▼*Γενικά:*
Δεν εφαρμόζεται

▼*Πρόληψη:*
Δεν εφαρμόζεται

▼*Αντίδραση:*
Δεν εφαρμόζεται

▼*Αποθήκευση:*
Δεν εφαρμόζεται

▼*Απόρριψη:*
Δεν εφαρμόζεται

Ταυτότητα των ουσιών που είναι πρωταρχικά υπεύθυνες για τους μείζονες κινδύνους για την υγεία:
Δεν περιέχει ουσίες που απαιτείται να αναφερθούν

▼*Επιπρόσθετος χαρακτηρισμός:*
EUH210, Δελτίο δεδομένων ασφαλείας παρέχεται εφόσον ζητηθεί.
Δεν εφαρμόζεται

2.3. Άλλοι κίνδυνοι

Επιπρόσθετες προειδοποιήσεις:
Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρείται ότι πληρούν τα κριτήρια ταξινόμησης τους ως ΑΒΤ 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: Σ΄ΥΝΘΕΣΗ/ΠΛΗΡΟΦΟΡ΄ΙΕΣ ΓΙΑ ΤΑ ΣΥΣΤΑΤΙΚΆ

3.1. Ουσίες
Δεν εφαρμόζεται. Αυτό το προϊόν είναι ένα μείγμα.

3.2. Μείγματα

Όνομα ουσίας	Αναγνωριστικοί κωδικοί	% w/w	Ταξινόμηση	Σημειώσεις
Neodecanoic acid	Αριθ. CAS.: 26896-20-8 Αριθ. ΕΚ: 248-093-9 REACH: Αριθ. ευρετηρίου:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	Αριθ. CAS.: 24634-61-5 Αριθ. ΕΚ: 246-376-1 REACH: Αριθ. ευρετηρίου: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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: Μ΄ΕΤΡΑ ΠΡΏΤΩΝ ΒΟΗΘΕΙΏΝ

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 δυσφορίας: μεταφέρετε το άτομο στον καθαρό αέρα.

Επαφή με το δέρμα:
Σε περίπτωση ερεθισμού: ξεπλύνετε με νερό. Αν ο ερεθισμός συνεχίζεται, ζητήστε ιατρική βοήθεια.

▼*Επαφή με τα μάτια:*
Ξεπλύνετε απαλά με χλιαρό νερό. Αφαιρέστε τυχόν φακούς επαφής, εάν αυτό είναι εύκολο. Συνεχίστε το ξέπλυμα.
Σε περίπτωση επίμονου ερεθισμού ή δυσφορίας των ματιών: Ζητήστε ιατρική βοήθεια.

▼*Κατάποση:*
Ξεπλύνετε καλά το στόμα και πιείτε μεγάλες ποσότητες νερού. Σε περίπτωση συνεχιζόμενης ενόχλησης: ζητήστε ιατρική βοήθεια και έχετε διαθέσιμο το δελτίο δεδομένων ασφαλείας.

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: Μ΄ΕΤΡΑ ΓΙΑ ΤΗΝ ΚΑΤΑΠΟΛΈΜΗΣΗ ΤΗΣ ΠΥΡΚΑΓΙΆΣ

5.1. Πυροσβεστικά μέσα
Δεν εφαρμόζεται

5.2. Ειδικοί κίνδυνοι που προκύπτουν από την ουσία ή το μείγμα
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 / CO2).
Μερικά οξείδια μετάλλων.

5.3. Συστάσεις για τους πυροσβέστες
Δεν υπάρχουν συγκεκριμένες απαιτήσεις

ΤΜΗΜΑ 6: Μ΄ΕΤΡΑ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΏΠΙΣΗ ΤΥΧΑΊΑΣ ΈΚΛΥΣΗΣ

6.1. Προσωπικές προφυλάξεις, προστατευτικός εξοπλισμός και διαδικασίες έκτακτης ανάγκης
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
Αποφεύγετε την επαφή στη διάρκεια της εγκυμοσύνης και της γαλουχίας.
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

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
Το προϊόν δεν εμπεριέχει καμία ουσία που περιλαμβάνεται στην Κυπριακή λίστα ουσιών με όρια έκθεσης στο χώρο εργασίας

DNEL (Παράγωγο επίπεδο χωρίς επιπτώσεις)
Neodecanoic acid

Διάρκεια:	**Οδός έκθεσης:**	**DNEL:**
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Δερματική	17.5 mg/kg/ημέρα
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Δερματική	1.06 mg/kg/ημέρα
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Δερματική	29 mg/kg/ημέρα
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Δερματική	7.4 mg/kg/ημέρα
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	25.79 mg/m³
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Εισπνοή	86 mg/m³
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Εισπνοή	22.04 mg/m³
Μακροπρόθεσμα - Τοπικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	6.52 mg/m³
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Στοματική	17.5 mg/kg/ημέρα
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Στοματική	1.88 mg/kg/ημέρα

potassium (E,E)-hexa-2,4-dienoate

Διάρκεια:	**Οδός έκθεσης:**	**DNEL:**
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Δερματική	20 mg/kg/day
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Δερματική	20 mg/kg/ημέρα
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Δερματική	40 mg/kg/day
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Δερματική	40 mg/kg/ημέρα

Μακροπρόθεσμα - Τοπικές επιδράσεις - Γενικός πληθυσμός	Δερματική	170 µg/cm²
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	52,17 mg/m³
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	52.17 mg/m³
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Εισπνοή	17,63 mg/m³
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Εισπνοή	17.63 mg/m³
Μακροπρόθεσμα - Τοπικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	26.08 mg/m³
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Στοματική	2 mg/kg/day
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Στοματική	2 mg/kg/ημέρα

PNEC (Προβλεπόμενη συγκέντρωση χωρίς επιπτώσεις)

Neodecanoic acid

Οδός έκθεσης:	**Διάρκεια Έκθεσης:**	**PNEC:**
Αρπακτικά		16.7 mg/kg
Γλυκό νερό		110 µg/L
Γλυκό νερό		0.478 mg/L
Θαλασσινό νερό		11 µg/L
Θαλασσινό νερό		0.0478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Οδός έκθεσης:	**Διάρκεια Έκθεσης:**	**PNEC:**
Γλυκό νερό		0,00048 g/cm³
Γλυκό νερό		1 mg/L
Θαλασσινό νερό		0,000048 g/cm³
Θαλασσινό νερό		100 µg/L
Ίζημα γλυκού νερού		0,00173 g/cm³
Ίζημα γλυκού νερού		3.6 mg/kg
Ίζημα θαλασσινού νερού		0,000173 g/cm³
Ίζημα θαλασσινού νερού		360 µg/kg
Περιοδική απελευθέρωση (Γλυκό νερό)		0.48 mg/L
Σταθμός Ενεργού Ιλύος		0,01 g/cm³
Σταθμός Ενεργού Ιλύος		10 mg/L
Χώμα		0,00167 g/cm³
Χώμα		1.67 mg/kg
Χώμα		0.276 mg/kg

8.2. ▼Έλεγχοι έκθεσης

Εφαρμόστε γενικό έλεγχο για να αποφύγετε την περιττή έκθεση.

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.

Όρια έκθεσης:

Δεν έχουν καθοριστεί όρια επαγγελματικής έκθεσης για τις ουσίες σε αυτό το προϊόν.

Κατάλληλα τεχνικά μέτρα:

Εφαρμόστε τυπικές προφυλάξεις κατά τη χρήση του προϊόντος. Αποφύγετε την εισπνοή ατμών.

▼*Μέτρα υγιεινής:*

Πλύνετε τα χέρια μετά τη χρήση.

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:

Υλικό γαντιών	Πάχος γαντιών (mm)	χρόνοι αντοχής (λεπτά)	Πρότυπα	
Τίποτα το ιδιαίτερο, όταν χρησιμοποιείται όπως ενδείκνυται	-	-	-	

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:*
Άχρωμο

Οσμή / Όριο οσμής (ppm):
Χαρακτηριστικό

pH:
8.4

Πυκνότητα (g/cm³):
1,05 (20 °C)

Κινηματικό ιξώδες:
Δεν υπάρχουν διαθέσιμα δεδομένα.

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:
Πλήρως διαλυτή

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:
ND: 1.389

Ιδιότητες οξείδωσης:
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	Neodecanoic acid

Είδος:	Επίμυς
Οδός έκθεσης:	Εισπνοή
Έλεγχος:	LC50
Αποτέλεσμα:	> 3 mg/L

Όνομα ουσίας	Neodecanoic acid
Είδος:	Κουνέλι
Οδός έκθεσης:	Δερματική
Έλεγχος:	LD50
Αποτέλεσμα:	> 3640 mg/kg

Όνομα ουσίας	Neodecanoic acid
Είδος:	Επίμυς
Οδός έκθεσης:	Στοματική
Έλεγχος:	LD50
Αποτέλεσμα:	2066 mg/kg

Όνομα ουσίας	Neodecanoic acid
Οδός έκθεσης:	Στοματική
Αποτέλεσμα:	2500 mg/kg

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Είδος:	Επίμυς
Οδός έκθεσης:	Στοματική
Έλεγχος:	LD50
Αποτέλεσμα:	3800 mg/kg

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

Διάβρωση και ερεθισμός του δέρματος·

Όνομα ουσίας	Neodecanoic acid
Αποτέλεσμα:	Δεν παρατηρήθηκαν δυσμενείς επιπτώσεις (Δεν προκαλεί ερεθισμό)

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Αποτέλεσμα:	Παρατηρήθηκαν δυσμενείς επιπτώσεις (Ερεθισμός)

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

Σοβαρή βλάβη/ερεθισμός των ματιών·

Όνομα ουσίας	Neodecanoic acid

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Αποτέλεσμα:	Παρατηρήθηκαν δυσμενείς επιπτώσεις (Ερεθισμός)

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

Ευαισθητοποίηση του αναπνευστικού

Όνομα ουσίας	Neodecanoic acid
Αποτέλεσμα:	Δεν παρατηρήθηκαν δυσμενείς επιπτώσεις (Δεν Μη)

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

Ευαισθητοποίηση του δέρματος

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

Μεταλλαξιγένεση γεννητικών κυττάρων·

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·

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

STOT-επανειλημμένη 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
καμία γνωστή.

ΤΜΗΜΑ 12: ΟΙΚΟΛΟΓΙΚΈΣ ΠΛΗΡΟΦΟΡΊΕΣ

12.1. Τοξικότητα

Όνομα ουσίας	Neodecanoic acid
Είδος:	Φύκη, Pseudokirchneriella subcapitata
Διάρκεια:	72 Ώρες
Αποτέλεσμα:	>100 mg/L

Όνομα ουσίας	Neodecanoic acid
Είδος:	Δαφνία, Daphnia magna
Διάρκεια:	48 Ώρες
Αποτέλεσμα:	> 1000 mg/L

Όνομα ουσίας	Neodecanoic acid
Είδος:	Ψάρι, Oncorhynchus mykiss
Διάρκεια:	96 Ώρες
Αποτέλεσμα:	100-300 mg/L

Όνομα ουσίας	Neodecanoic acid
Είδος:	Δαφνία, Daphnia magna
Διάρκεια:	21 ημέρες
Αποτέλεσμα:	10.1 mg/L

Όνομα ουσίας	Neodecanoic acid
Είδος:	Ψάρι, Oncorhynchus mykiss
Διάρκεια:	14 ημέρες
Έλεγχος:	NOEC
Αποτέλεσμα:	2.22 mg/L

Όνομα ουσίας	Neodecanoic acid
Είδος:	Δαφνία, Daphnia magna
Διάρκεια:	21 ημέρες
Έλεγχος:	NOEC
Αποτέλεσμα:	4.78 mg/L

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Μέθοδος ελέγχου:	ΟΟΣΑ 203
Είδος:	Ψάρι, Brachydanio rerio
Διάρκεια:	96 Ώρες
Έλεγχος:	LC50
Αποτέλεσμα:	>500 mg/L

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Μέθοδος ελέγχου:	ΟΟΣΑ 202
Είδος:	Καρκινοειδή, Daphnia magna

Διάρκεια:	48 Ώρες
Έλεγχος:	EC50
Αποτέλεσμα:	982 mg/L

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Μέθοδος ελέγχου:	ΟΟΣΑ 211
Είδος:	Καρκινοειδή, Daphnia magna
Διάρκεια:	21 ημέρες
Έλεγχος:	LC50
Αποτέλεσμα:	>50 mg/L

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Μέθοδος ελέγχου:	ΟΟΣΑ 211
Είδος:	Καρκινοειδή, Daphnia magna
Διάρκεια:	21 ημέρες
Έλεγχος:	EC50
Αποτέλεσμα:	>50 mg/L

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Μέθοδος ελέγχου:	ΟΟΣΑ 211
Είδος:	Καρκινοειδή, Daphnia magna
Διάρκεια:	21 ημέρες
Έλεγχος:	NOEC
Αποτέλεσμα:	50 mg/L

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Μέθοδος ελέγχου:	ΟΟΣΑ 211
Είδος:	Καρκινοειδή, Daphnia magna
Διάρκεια:	21 ημέρες
Έλεγχος:	LOEC
Αποτέλεσμα:	>50 mg/L

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Μέθοδος ελέγχου:	ΟΟΣΑ 201
Είδος:	Φύκη, Desmodesmus subspicatus
Διάρκεια:	72 Ώρες
Έλεγχος:	EbC50
Αποτέλεσμα:	1223 mg/L

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Μέθοδος ελέγχου:	ΟΟΣΑ 201
Είδος:	Φύκη, Desmodesmus subspicatus
Διάρκεια:	72 Ώρες
Έλεγχος:	ErC50
Αποτέλεσμα:	221 mg/L

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Μέθοδος ελέγχου:	ΟΟΣΑ 201
Είδος:	Φύκη, Desmodesmus subspicatus
Διάρκεια:	72 Ώρες
Έλεγχος:	NOEC
Αποτέλεσμα:	10,5 mg/L

Όνομα ουσίας	potassium (E,E)-hexa-2,4-dienoate
Μέθοδος ελέγχου:	ΟΟΣΑ 201
Είδος:	Φύκη, Desmodesmus subspicatus
Διάρκεια:	72 Ώρες
Έλεγχος:	LOEC
Αποτέλεσμα:	21 mg/L

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

12.2. Ανθεκτικότητα και ικανότητα αποικοδόμησης

Όνομα ουσίας: Neodecanoic acid
Συμπέρασμα: Άμεση βιοαποδομησιμότητα

Όνομα ουσίας: potassium (E,E)-hexa-2,4-dienoate
Αποτέλεσμα: >95%
Συμπέρασμα: Άμεση βιοαποδομησιμότητα

12.3. Δυνατότητα βιοσυσσώρευσης

Όνομα ουσίας: Neodecanoic acid
Διαμέρισμα: Ίζημα γλυκού νερού
Διάρκεια: 14 ημέρες
ΣΒΣ: <225
LogKow: 2.08
Συμπέρασμα: Δεν αναμένεται βιοσυσσώρευση

Όνομα ουσίας: potassium (E,E)-hexa-2,4-dienoate
ΣΒΣ: 2,6
Συμπέρασμα: -

12.4. Κινητικότητα στο έδαφος

Δεν υπάρχουν διαθέσιμα δεδομένα.

12.5. Αποτελέσματα της αξιολόγησης ΑΒΤ και αΑαΒ

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρείται ότι πληρούν τα κριτήρια ταξινόμησης τους ως ΑΒΤ και/ή αΑαΒ.

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: ΣΤΟΙΧΕΊΑ ΣΧΕΤΙΚΆ ΜΕ ΤΗ ΔΙΆΘΕΣΗ

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: ΠΛΗΡΟΦΟΡΊΕΣ ΣΧΕΤΙΚΆ ΜΕ ΤΗ ΜΕΤΑΦΟΡΆ

	14.1 UN No	14.2 Κατάλληλη ονομασία αποστολής	14.3 Κλάση(εις) κινδύνου	14.4 PG*	14.5. Env**	Άλλες πληροφορίες:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Ομάδα συσκευασίας

** Περιβαλλοντικοί κίνδυνοι

Επιπρόσθετες πληροφορίες

Μη επικίνδυνα εμπορεύματα σύμφωνα με τους κανονισμούς ADR, IATA και IMDG.

14.6. Ειδικές προφυλάξεις για τον χρήστη
Δεν εφαρμόζεται

14.7. Θαλάσσιες μεταφορές χύδην σύμφωνα με τις πράξεις του ΙΜΟ
Δεν υπάρχουν διαθέσιμα δεδομένα.

ΤΜΗΜΑ 15: ΣΤΟΙΧΕΊΑ ΝΟΜΟΘΕΤΙΚΟΎ ΧΑΡΑΚΤΉΡΑ

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.
Οι έγκυες γυναίκες και οι γυναίκες που θηλάζουν δεν πρέπει να εκτίθενται σε αυτό το προϊόν. Πρέπει να ληφθούν υπόψη ο κίνδυνος και οι πιθανές τεχνικές προφυλάξεις ή ο σχεδιασμός του χώρου εργασίας που απαιτείται για την εξάλειψη της έκθεσης.

Απαιτήσεις για συγκεκριμένη εκπαίδευση:
Δεν υπάρχουν συγκεκριμένες απαιτήσεις

SEVESO - ΚΑΤΗΓΟΡΊΕΣ ΚΙΝΔΎΝΟΥ / ΚΑΤΟΝΟΜΑΖΌΜΕΝΕΣ ΕΠΙΚΊΝΔΥΝΕΣ ΟΥΣΊΕΣ:
Δεν εφαρμόζεται

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 (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 ΠΛΗΡΟΦΟΡΊΕΣ

Πλήρες κείμενο των Δηλώσεων κινδύνων (H Statements) όπως αναφέρεται στο τμήμα 3
H319, Προκαλεί σοβαρό οφθαλμικό ερεθισμό.

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 οξείας 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 (ΑΒΤ) = 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

Σύμφωνα με το Άρθρο 31 του Κανονισμού REACH δεν απαιτείται δελτίο δεδομένων ασφαλείας γι' αυτό το προϊόν. Το δελτίο δεδομένων ασφαλείας έχει δημιουργηθεί εθελοντικά ώστε να διανέμονται οι σχετικές πληροφορίες όπως προβλέπεται από το Άρθρο 32 του REACH.

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

iG.85 patio cleaner

ODJELJAK 1.: IDENTIFIKACIJA TVARI/SMJESE I PODACI O TVRTKI/PODUZECU

1.1. Identifikacijska oznaka proizvoda

Tržišni naziv:
iG.85 patio cleaner

1.2. Relevantne identificirane uporabe tvari ili smjese i uporabe koje se ne preporucuju

Relevantne identificirane namjene tvari ili smjese:
Deterdženti i sredstva za čišćenje (uključujući one na bazi otapala)
Samo za profesionalne korisnike.

Namjene koje se ne preporucuju:
Nitko poznat.

1.3. Podaci o dobavljacu koji isporucuje sigurnosno-tehnicki 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:
08. 08. 2025.

SDS inacica:
2.0

Datum prethodnog izdanja:
26. 05. 2025. (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

2.1. Razvrstavanje tvari ili smjese

Nije razvrstano prema Uredbi (EZ) br. 1272/2008 (CLP).

2.2. Elementi oznacivanja

Piktogrami opasnosti:
Nije primjenljivo.

Oznaka opasnosti:
Nije primjenljivo.

Oznake upozorenja:

Nije primjenljivo.

Oznake obavijesti:

▼*Opcenito:*
Nije primjenljivo.

▼*Sprječavanje:*
Nije primjenljivo.

▼*Reakcija:*
Nije primjenljivo.

▼*Postupanje:*
Nije primjenljivo.

▼*Odlaganje:*
Nije primjenljivo.

Identifikacija tvari koje su primarno odgovorne za vece opasnosti po zdravlje:
Ne sadrži tvari potrebne za prijaviti

▼*Dodatno oznacavanje:*
EUH210, Sigurnosno-tehnički list dostupan na zahtjev.
Nije primjenljivo.

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 SASTOJCIMA

3.1. Tvari

Nije primjenljivo. Ovaj proizvod je mješavina.

3.2. Smjese

Proizvod/sastojak	Identifikacijske oznake	% w/w	Razvrstavanje	Naznake
Neodecanoic acid	CAS br.: 26896-20-8 EZ br.: 248-093-9 REACH: Indeksni br.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS br.: 24634-61-5 EZ br.: 246-376-1 REACH: Indeksni br.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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

Opce 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:*
U slučaju tegoba: osobu izvesti za svjež zrak.

Kontakt s kožom:
U slučaju iritacije: proizvod saperite. U slučaju ako se iritacija ne povuče: Potražite medicinsku pomoć.

▼*Kontakt s ocima:*
Blago isperite mlakom vodom. Uklonite kontaktne leće ako je to lako učiniti. Nastavite s ispiranjem. U slučaju dugotrajne iritacije oka ili nelagode: potražiti liječničku pomoć.

▼*Gutanje:*
Detaljno isperite usta i popijte veću količinu vode. U slučaju ako se tegobe ne povuku: potražite medicinsku pomoć, a sa sobom poneseite ovaj informacijski letak.

Opekline:
Nije primjenljivo.

4.2. Najvažniji simptomi i ucinci, akutni i odgodeni
Nitko poznat.

4.3. Navod o slucaju potrebe za hitnom lijecnickom 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
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 odvode 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 / CO2)
Neki metalni oksidi

5.3. Savjeti za gasitelje požara
Nema posebnih uvjeta.

ODJELJAK 6.: MJERE KOD SLUCAJNOG ISPUŠTANJA

6.1. Osobne mjere opreza, zaštitna oprema i postupci za izvanredna stanja
Kontaminirani prostor može biti sklizak.

6.2. Mjere zaštite okoliša
Izbjegavajte izlijevanje tvari u jezera, riječne tokove, kanalizacijske odvode i slično.
Držite neovlaštene osobe dalje od izlijevanja

6.3. Metode i materijal za sprecavanje širenja i cišcenje
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 zaštitepotražite u odjeljku o 8 'Nadzor nad izloženošću/osobna zaštita'.

ODJELJAK 7.: RUKOVANJE I SKLADIŠTENJE

7.1. Mjere opreza za sigurno rukovanje

Izbjegavati dodir tijekom trudnoće i dojenja.
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, uzimajuci u obzir moguce inkompatibilnosti

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 IZLOŽENOŠCU/OSOBNA ZAŠTITA

8.1. Nadzorni parametri

Proizvod ne sadrži nikakve tvari navedene u Hrvatskom popisu tvari s radnim ograničenjem izlaganja.

DNEL

Neodecanoic acid

Trajanje:	Način izlaganja:	DNEL:
Dugoročno-Sustavni učinci-Opća populacija	Oralno	17.5 mg/kg bw/day
Dugoročno-Sustavni učinci-Opća populacija	Oralno	1.88 mg/kg bw/day
Dugoročno-Sustavni učinci-Opća populacija	Preko kože	17.5 mg/kg bw/day
Dugoročno-Sustavni učinci-Opća populacija	Preko kože	1.06 mg/kg bw/day
Dugoročno-Sustavni učinci-Radnici	Preko kože	29 mg/kg bw/day
Dugoročno-Sustavni učinci-Radnici	Preko kože	7.4 mg/kg bw/day
Dugoročno-Lokalni učinci-Opća populacija	Udisanje	6.52 mg/m³
Dugoročno-Sustavni učinci-Opća populacija	Udisanje	25.79 mg/m³
Dugoročno-Sustavni učinci-Radnici	Udisanje	86 mg/m³
Dugoročno-Sustavni učinci-Radnici	Udisanje	22.04 mg/m³

potassium (E,E)-hexa-2,4-dienoate

Trajanje:	Način izlaganja:	DNEL:
Dugoročno-Sustavni učinci-Opća populacija	Oralno	2 mg/kg/day
Dugoročno-Sustavni učinci-Opća populacija	Oralno	2 mg/kg bw/day
Dugoročno-Lokalni učinci-Opća populacija	Preko kože	170 µg/cm²
Dugoročno-Sustavni učinci-Opća populacija	Preko kože	20 mg/kg/day
Dugoročno-Sustavni učinci-Opća populacija	Preko kože	20 mg/kg bw/day
Dugoročno-Sustavni učinci-Radnici	Preko kože	40 mg/kg/day

Dugoročno-Sustavni učinci-Radnici	Preko kože	40 mg/kg bw/day
Dugoročno-Lokalni učinci-Opća populacija	Udisanje	26.08 mg/m³
Dugoročno-Sustavni učinci-Opća populacija	Udisanje	52,17 mg/m³
Dugoročno-Sustavni učinci-Opća populacija	Udisanje	52.17 mg/m³
Dugoročno-Sustavni učinci-Radnici	Udisanje	17,63 mg/m³
Dugoročno-Sustavni učinci-Radnici	Udisanje	17.63 mg/m³

PNEC

Neodecanoic acid

Način izlaganja:	**Trajanje izloženosti:**	**PNEC:**
Morska voda		11 µg/L
Morska voda		0.0478 mg/L
Predators		16.7 mg/kg
Slatka voda		110 µg/L
Slatka voda		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Način izlaganja:	**Trajanje izloženosti:**	**PNEC:**
Morska voda		0,000048 g/cm³
Morska voda		100 µg/L
Postrojenje za tretiranje otpadne vode		0,01 g/cm³
Postrojenje za tretiranje otpadne vode		10 mg/L
Povremeno ispuštanje (slatka voda)		0.48 mg/L
Sediment morske vode		0,000173 g/cm³
Sediment morske vode		360 µg/kg
Slatka voda		0,00048 g/cm³
Slatka voda		1 mg/L
Slatkovodni sediment		0,00173 g/cm³
Slatkovodni sediment		3.6 mg/kg
Tlo		0,00167 g/cm³
Tlo		1.67 mg/kg
Tlo		0.276 mg/kg

8.2. ▼Nadzor nad izloženošcu

Izvršite opću kontrolu kako biste spriječili nepotrebno izlaganje.

Opce 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.

Ogranicenja vezana uz izlaganje:

Ne postoje maksimalne granice koje se odnose na izlaganje tvarima koje su sadržane u ovom proizvodu.

Odgovarajuce tehnicke mjere:

Primijenite standardne mjere opreza tijekom uporabe proizvoda. Izbjegavati udisanje para.

▼*Higijenske mjere:*

Operite ruke nakon uporabe.

Mjere opreza za izbjegavanje zagadenja 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:

Tvar	Minimalna debljina sloja (mm)	Vrijeme prodiranja kemikalije (min.	Norme	
Nema posebnih uvjeta pri uporabi u skladu s namjenom	-	-	-	

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:*
Bezbojna

Miris / Prag mirisa (ppm):
Karakterističan

pH:
8.4

Gustoca (g/cm^3):
1,05 (20 °C)

Kinematička viskoznost:
Podaci nisu dostupni.

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.

Tocka kljucanja (°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

Tocka 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:
Potpuno topiva

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:
ND: 1.389

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. Mogucnost 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 redukcijska 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	Neodecanoic acid
Vrste:	Štakor
Način izlaganja:	Udisanje

Test:	LC50
Rezultat:	> 3 mg/L

Proizvod/sastojak	Neodecanoic acid
Vrste:	Kunić
Način izlaganja:	Preko kože
Test:	LD50
Rezultat:	> 3640 mg/kg

Proizvod/sastojak	Neodecanoic acid
Vrste:	Štakor
Način izlaganja:	Oralno
Test:	LD50
Rezultat:	2066 mg/kg

Proizvod/sastojak	Neodecanoic acid
Način izlaganja:	Oralno
Rezultat:	2500 mg/kg

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Vrste:	Štakor
Način izlaganja:	Oralno
Test:	LD50
Rezultat:	3800 mg/kg

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

Nagrizanje/iritacija kože

Proizvod/sastojak	Neodecanoic acid
Rezultat:	Nisu uočeni štetni učinci (Nije iritantno)

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Rezultat:	Uočeni štetni učinci (Iritirajuće)

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

Ozbiljno oštecenje/iritacija oka

Proizvod/sastojak	Neodecanoic acid

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Rezultat:	Uočeni štetni učinci (Iritirajuće)

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

Senzitizacija dišnih puteva

Proizvod/sastojak	Neodecanoic acid
Rezultat:	Nisu uočeni štetni učinci (ne senzibilizirajući)

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

Senzitizacija kože

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

Mutacija spolnih celija

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

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

Dugorocno 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
Nitko poznat.

ODJELJAK 12.: EKOLOŠKE INFORMACIJE

12.1. Toksicnost

Proizvod/sastojak	Neodecanoic acid
Vrste:	Alge, Pseudokirchneriella subcapitata
Trajanje:	72 sati
Rezultat:	>100 mg/L

Proizvod/sastojak	Neodecanoic acid
Vrste:	Dafnija, Daphnia magna
Trajanje:	48 sati
Rezultat:	> 1000 mg/L

Proizvod/sastojak	Neodecanoic acid
Vrste:	Riba, Oncorhynchus mykiss
Trajanje:	96 sati
Rezultat:	100-300 mg/L

Proizvod/sastojak	Neodecanoic acid
Vrste:	Dafnija, Daphnia magna
Trajanje:	21 dana
Rezultat:	10.1 mg/L

Proizvod/sastojak	Neodecanoic acid
Vrste:	Riba, Oncorhynchus mykiss
Trajanje:	14 dana
Test:	NOEC
Rezultat:	2.22 mg/L

Proizvod/sastojak	Neodecanoic acid
Vrste:	Dafnija, Daphnia magna
Trajanje:	21 dana
Test:	NOEC
Rezultat:	4.78 mg/L

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Metoda ispitivanja:	OECD 203
Vrste:	Riba, Brachydanio rerio
Trajanje:	96 sati
Test:	LC50
Rezultat:	>500 mg/L

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Metoda ispitivanja:	OECD 202
Vrste:	Ljuskar, Daphnia magna
Trajanje:	48 sati
Test:	EC50

Rezultat:	982 mg/L

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Metoda ispitivanja:	OECD 211
Vrste:	Ljuskar, Daphnia magna
Trajanje:	21 dana
Test:	LC50
Rezultat:	>50 mg/L

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Metoda ispitivanja:	OECD 211
Vrste:	Ljuskar, Daphnia magna
Trajanje:	21 dana
Test:	EC50
Rezultat:	>50 mg/L

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Metoda ispitivanja:	OECD 211
Vrste:	Ljuskar, Daphnia magna
Trajanje:	21 dana
Test:	NOEC
Rezultat:	50 mg/L

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Metoda ispitivanja:	OECD 211
Vrste:	Ljuskar, Daphnia magna
Trajanje:	21 dana
Test:	LOEC
Rezultat:	>50 mg/L

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Metoda ispitivanja:	OECD 201
Vrste:	Alge, Desmodesmus subspicatus
Trajanje:	72 sati
Test:	EbC50
Rezultat:	1223 mg/L

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Metoda ispitivanja:	OECD 201
Vrste:	Alge, Desmodesmus subspicatus
Trajanje:	72 sati
Test:	ErC50
Rezultat:	221 mg/L

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Metoda ispitivanja:	OECD 201
Vrste:	Alge, Desmodesmus subspicatus
Trajanje:	72 sati
Test:	NOEC
Rezultat:	10,5 mg/L

Proizvod/sastojak	potassium (E,E)-hexa-2,4-dienoate
Metoda ispitivanja:	OECD 201
Vrste:	Alge, Desmodesmus subspicatus
Trajanje:	72 sati
Test:	LOEC
Rezultat:	21 mg/L

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

12.2. Postojanost i razgradivost

Proizvod/sastojak	Neodecanoic acid

Zaključak: Laka biorazgradivost

Proizvod/sastojak potassium (E,E)-hexa-2,4-dienoate
Rezultat: >95%
Zaključak: Laka biorazgradivost

12.3. Bioakumulacijski potencijal

Proizvod/sastojak Neodecanoic acid
Segment okoliša: Slatkovodni sediment
Trajanje: 14 dana
BCF: <225
LogKow: 2.08
Zaključak: Bioakumulacija se ne očekuje

Proizvod/sastojak potassium (E,E)-hexa-2,4-dienoate
BCF: 2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Skupina pakiranja

** Opasnosti za okoliš

Dodatne informacije

Prema ADR, IATA i IMDG propisima, proizvod nije uvršten u popis opasnih tvari.

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 podrucju sigurnosti, zdravlja i okoliša/posebno zakonodavstvo za tvar ili smjesu

Ogranicenje primjene:
Samo za profesionalne korisnike.
Trudnice i dojilje ne smiju se izlagati ovom proizvodu. Moraju se razmotriti rizici, moguće tehničke mjere predostrožnosti ili uređenje radnog mjesta kako bi se izbjeglo izlaganje.

Zahtjev za specificnu edukaciju:
Nema posebnih uvjeta.

SEVESO - Kategorije opashnih tvari / Imena opasnih tvari:
Nije primjenljivo.

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 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
H319, Uzrokuje jako nadraživanje oka.

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

Sukladno članu 31 REACH, za ovaj proizvod sigurnosni tehnički list nije obavezan. Ovaj sigurnosni tehnički list je kreiran na dobrovoljnoj bazi kako bi dijelio relevantne podatke onako kako se to zahtijeva članom 32 REACH.

Sigurnosno-tehnicki list potvrden 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 prosljeđivanje 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

iG.85 patio cleaner

1. SZAKASZ: AZ ANYAG/KEVERÉK ÉS A VÁLLALAT/VÁLLALKOZÁS AZONOSÍTÁSA

1.1. Termékazonosító

Terméknév:
iG.85 patio cleaner

1.2. Az anyag vagy keverék lényeges azonosított felhasználásai, illetve ellenjavallt felhasználásai

Az anyag vagy vegyület lényeges azonosított használatai:
Mosó- és tisztítószerek (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. 08. 08.

BA verziószám:
2.0

Eredeti kiadás dátuma:
2025. 05. 26. (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

2.1. Az anyag vagy keverék besorolása

Az 1272/2008. sz. EK rendelet szerint nem besorolt.

2.2. Címkézési elemek

Veszélyt jelző piktogram(ok):
Nem alkalmazható.

Figyelmeztetés(ek):
Nem alkalmazható.

Figyelmeztető mondat(ok):

Nem alkalmazható.

Óvintézkedésre vonatkozó mondatok:

▼*Általános:*
Nem alkalmazható.

▼*Megelőzés:*
Nem alkalmazható.

▼*Reakció:*
Nem alkalmazható.

▼*Tárolás:*
Nem alkalmazható.

▼*Hulladékkezelés:*
Nem alkalmazható.

Tartalmaz:
Nem tartalmaz olyan anyagokat, amelyek bejelentésre kötelezettek

▼*További címkézés:*
EUH210, Kérésre biztonsági adatlap kapható.
Nem alkalmazható.

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
Neodecanoic acid	CAS-szám: 26896-20-8 EK-szám: 248-093-9 REACH: Indexszám:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS-szám: 24634-61-5 EK-szám: 246-376-1 REACH: Indexszám: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 Szolgálattal (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:*
Panaszok esetén: vigye a sérültet friss levegőre.

Bőrrel való érintkezés:
Irritáció esetén: öblítse le a terméket. Abban az esetben, ha az irritáció továbbra is fennáll: Forduljon orvoshoz.

▼*Szemmel való érintkezés:*
Óvatosan öblítse ki langyos vízzel. Távolítson el minden kontaktlencsét, ha ez könnyen megtehető. Folytassa az öblítést. Tartós szemirritáció vagy kellemetlen érzés esetén: forduljon orvoshoz.

▼*Lenyelés:*
Öblítse ki alaposan a száját és igyon nagy mennyiségű vizet. Továbbra is fennálló rosszullét esetén: forduljon orvoshoz és hozza magával ezt a bizotnsági adatlapot.

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: TŰZOLTÁSI INTÉZKEDÉSEK

5.1. Oltóanyag
Nem alkalmazható.

5.2. Az anyaghoz vagy a keverékhez társuló különleges veszélyek
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 / CO2)
Néhány fémoxid

5.3. Tűzoltóknak szóló javaslat
Nincs különleges követelmény.

6. SZAKASZ: INTÉZKEDÉSEK VÉLETLENSZERŰ KÖRNYEZETBE JUTÁS ESETÉN

6.1. Személyi óvintézkedések, egyéni védoeszközök és vészhelyzeti eljárások
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 kovaföldde; ezeket gyűjtse össze egy tartályba a helyi előírások szerinti ártalmatlanításhoz.
Ameddig lehet, csak normál tisztítószerrel 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

Terhesség és szoptatás alatt kerülni kell az anyaggal való érintkezést.
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 összeférhetetlenséggel együtt

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

A termék nem tartalmaz a munkahelyi expozíciós határokkal rendelkező anyagok magyar listáján felsorolt anyagokat.

DNEL

Neodecanoic acid

Időtartam:	**Expozíciós út:**	**DNEL:**
Hosszú távú – helyi hatások – általános lakosság	Belélegzés	6.52 mg/m³
Hosszú távú – szisztémás hatások – általános lakosság	Belélegzés	25.79 mg/m³
Hosszú távú – szisztémás hatások – munkavállalók	Belélegzés	86 mg/m³
Hosszú távú – szisztémás hatások – munkavállalók	Belélegzés	22.04 mg/m³
Hosszú távú – szisztémás hatások – általános lakosság	Bőrön át	17.5 mg/kg/nap
Hosszú távú – szisztémás hatások – általános lakosság	Bőrön át	1.06 mg/kg/nap
Hosszú távú – szisztémás hatások – munkavállalók	Bőrön át	29 mg/kg/nap
Hosszú távú – szisztémás hatások – munkavállalók	Bőrön át	7.4 mg/kg/nap
Hosszú távú – szisztémás hatások – általános lakosság	Szájon át	17.5 mg/kg/nap
Hosszú távú – szisztémás hatások – általános lakosság	Szájon át	1.88 mg/kg/nap

potassium (E,E)-hexa-2,4-dienoate

Időtartam:	**Expozíciós út:**	**DNEL:**
Hosszú távú – helyi hatások – általános lakosság	Belélegzés	26.08 mg/m³
Hosszú távú – szisztémás hatások – általános lakosság	Belélegzés	52,17 mg/m³
Hosszú távú – szisztémás hatások – általános lakosság	Belélegzés	52.17 mg/m³
Hosszú távú – szisztémás hatások – munkavállalók	Belélegzés	17,63 mg/m³
Hosszú távú – szisztémás hatások – munkavállalók	Belélegzés	17.63 mg/m³
Hosszú távú – helyi hatások – általános lakosság	Bőrön át	170 µg/cm²
Hosszú távú – szisztémás hatások – általános lakosság	Bőrön át	20 mg/kg/day
Hosszú távú – szisztémás hatások – általános lakosság	Bőrön át	20 mg/kg/nap
Hosszú távú – szisztémás hatások – munkavállalók	Bőrön át	40 mg/kg/day

Hosszú távú – szisztémás hatások – munkavállalók	Bőrön át	40 mg/kg/nap
Hosszú távú – szisztémás hatások – általános lakosság	Szájon át	2 mg/kg/day
Hosszú távú – szisztémás hatások – általános lakosság	Szájon át	2 mg/kg/nap

PNEC

Neodecanoic acid

Expozíciós út:	**Expozíció időtartama:**	**PNEC:**
Édesvíz		110 µg/L
Édesvíz		0.478 mg/L
Predators		16.7 mg/kg
Tengervíz		11 µg/L
Tengervíz		0.0478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Expozíciós út:	**Expozíció időtartama:**	**PNEC:**
Édesvíz		0,00048 g/cm³
Édesvíz		1 mg/L
Édesvízi üledék		0,00173 g/cm³
Édesvízi üledék		3.6 mg/kg
Időszakos kibocsátás (édesvíz)		0.48 mg/L
Szennyvízkezelő telep		0,01 g/cm³
Szennyvízkezelő telep		10 mg/L
Talaj		0,00167 g/cm³
Talaj		1.67 mg/kg
Talaj		0.276 mg/kg
Tengervíz		0,000048 g/cm³
Tengervíz		100 µg/L
Tengervízi üledék		0,000173 g/cm³
Tengervízi üledék		360 µg/kg

8.2. ▼Az expozíció elleni védekezés

Használjon általános szabályozást a szükségtelen expozíció megelőzése érdekében.

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 hatásrok:

A termékben megtalálható anyagokra nincs előírva maximum expozíciós határ.

Megfelelő műszaki intézkedések:

A termék használatakor végezze el a szokásos óvintézkedéseket. Kerülje el a gőzök belégzését.

▼*Higiéniai intézkedések:*

Használat után mosson kezet.

A környezeti expozíció ellnőrzése:

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 használják.				

Bőrvédelem:

Ajánlott	Típusú/Kategóriájú	Szabványokra	
Semmilyen speciális, amikor a rendeltetésnek megfelelően használják	-	-	

Kézvédelem:

Anyag	Minimális réteg vastagság (mm)	Áteresztési ideje (percig)	Szabványokra	
Semmilyen speciális, amikor a rendeltetésnek megfelelően használják	-	-	-	

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:*
Színtelen

Szag / Szagküszöbérték (ppm):
Jellegzetes

pH:
8.4

Sűrűség (g/cm³):
1,05 (20 °C)

Kinematikus viszkozitás:
Nincs erre vonatkozó adat.

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:
Teljes mértékben oldódik

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 paramétereket:
ND: 1.389

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 lehetosége
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	Neodecanoic acid
Fajták:	Patkány
Expozíció iránya:	Belélegzés

Teszt:	LC50
Eredmény:	> 3 mg/L

Termék / alkotóelem	Neodecanoic acid
Fajták:	Nyúl
Expozíció iránya:	Bőrön át
Teszt:	LD50
Eredmény:	> 3640 mg/kg

Termék / alkotóelem	Neodecanoic acid
Fajták:	Patkány
Expozíció iránya:	Szájon át
Teszt:	LD50
Eredmény:	2066 mg/kg

Termék / alkotóelem	Neodecanoic acid
Expozíció iránya:	Szájon át
Eredmény:	2500 mg/kg

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Fajták:	Patkány
Expozíció iránya:	Szájon át
Teszt:	LD50
Eredmény:	3800 mg/kg

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

Bőrirritáció

Termék / alkotóelem	Neodecanoic acid
Eredmény:	Káros hatások nem figyelhetők meg (Nem irritáló)

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Eredmény:	Káros hatások figyelhetők meg (Irritáló)

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

Súlyos szemkárosodás/szemirritáció

Termék / alkotóelem	Neodecanoic acid

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Eredmény:	Káros hatások figyelhetők meg (Irritáló)

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

Légzőszervi szenzibilizáció

Termék / alkotóelem	Neodecanoic acid
Eredmény:	Káros hatások nem figyelhetők meg (nem érzékenyítő)

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

Bőrszenzibilizáció

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

Csírasejt-mutagenitás

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)

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
Senki sem ismerős.

12. SZAKASZ: ÖKOLÓGIAI ADATOK

12.1. Toxicitás

Termék / alkotóelem	Neodecanoic acid
Fajták:	Alga, Pseudokirchneriella subcapitata
Időtartam:	72 órás
Eredmény:	>100 mg/L

Termék / alkotóelem	Neodecanoic acid
Fajták:	Vízibolha, Daphnia magna
Időtartam:	48 órás
Eredmény:	> 1000 mg/L

Termék / alkotóelem	Neodecanoic acid
Fajták:	Hal, Oncorhynchus mykiss
Időtartam:	96 órás
Eredmény:	100-300 mg/L

Termék / alkotóelem	Neodecanoic acid
Fajták:	Vízibolha, Daphnia magna
Időtartam:	21 napon
Eredmény:	10.1 mg/L

Termék / alkotóelem	Neodecanoic acid
Fajták:	Hal, Oncorhynchus mykiss
Időtartam:	14 napon
Teszt:	NOEC
Eredmény:	2.22 mg/L

Termék / alkotóelem	Neodecanoic acid
Fajták:	Vízibolha, Daphnia magna
Időtartam:	21 napon
Teszt:	NOEC
Eredmény:	4.78 mg/L

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Vizsgálati módszer:	OECD 203
Fajták:	Hal, Brachydanio rerio
Időtartam:	96 órás
Teszt:	LC50
Eredmény:	>500 mg/L

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Vizsgálati módszer:	OECD 202
Fajták:	Rákféle, Daphnia magna
Időtartam:	48 órás
Teszt:	EC50

Eredmény:	982 mg/L

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Vizsgálati módszer:	OECD 211
Fajták:	Rákféle, Daphnia magna
Időtartam:	21 napon
Teszt:	LC50
Eredmény:	>50 mg/L

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Vizsgálati módszer:	OECD 211
Fajták:	Rákféle, Daphnia magna
Időtartam:	21 napon
Teszt:	EC50
Eredmény:	>50 mg/L

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Vizsgálati módszer:	OECD 211
Fajták:	Rákféle, Daphnia magna
Időtartam:	21 napon
Teszt:	NOEC
Eredmény:	50 mg/L

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Vizsgálati módszer:	OECD 211
Fajták:	Rákféle, Daphnia magna
Időtartam:	21 napon
Teszt:	LOEC
Eredmény:	>50 mg/L

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Vizsgálati módszer:	OECD 201
Fajták:	Alga, Desmodesmus subspicatus
Időtartam:	72 órás
Teszt:	EbC50
Eredmény:	1223 mg/L

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Vizsgálati módszer:	OECD 201
Fajták:	Alga, Desmodesmus subspicatus
Időtartam:	72 órás
Teszt:	ErC50
Eredmény:	221 mg/L

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Vizsgálati módszer:	OECD 201
Fajták:	Alga, Desmodesmus subspicatus
Időtartam:	72 órás
Teszt:	NOEC
Eredmény:	10,5 mg/L

Termék / alkotóelem	potassium (E,E)-hexa-2,4-dienoate
Vizsgálati módszer:	OECD 201
Fajták:	Alga, Desmodesmus subspicatus
Időtartam:	72 órás
Teszt:	LOEC
Eredmény:	21 mg/L

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

12.2. Perzisztencia és lebonthatóság

Termék / alkotóelem	Neodecanoic acid

Következtetés: Könnyű biolebonthatóság

Termék / alkotóelem potassium (E,E)-hexa-2,4-dienoate
Eredmény: >95%
Következtetés: Könnyű biolebonthatóság

12.3. Bioakkumulációs képesség

Termék / alkotóelem Neodecanoic acid
Környezeti közeg: Édesvízi üledék
Időtartam: 14 napon
BKF: <225
LogKow: 2.08
Következtetés: Felhalmozódása a szervezetben nem várható

Termék / alkotóelem potassium (E,E)-hexa-2,4-dienoate
BKF: 2,6
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 Mosószerek, amelyek különböznek a 20 01 29-től

Szennyezett csomagolás

Maradékot tartalmazó tartályt úgyanúgy 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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Csomagolási csoport

** Környezeti veszélyek

Egyéb információ

Az ADR, IATA és az IMDG szabvány szerint nem tartozik a veszélyes áruk körébe.

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.
Terhes és szoptatós kismamákat tilos a termék hatásainak kitenni. A kockázat és a lehetséges műszaki óvintézkedések vagy a munkahely kialakítása kiértékelendők, az ilyen kockázatok elkerülése érdekében.

Specifikus oktatásra vonatkozó követelmények:

Nincs különleges követelmény.

SEVESO - A veszelyes anyagok kategóriái / Megnevezett veszélyes anyagok:

Nem alkalmazható.

Egyéb információ:

Nem alkalmazható.

Források:

3/2002. (II. 8.) SzCsM-EüM együttes rendelet a munkahelyek munkavédelmi követelményeinek minimális szintjéről.
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.
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

H319, Súlyos szemirritációt okoz.

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 = Vegyianyag Nyilvántartási Szolgálat
CE = Európai megfelelőség
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
LogPqw = log oktanol/víz megoszlási együttható
MARPOL = Hajókról történõ Szennyezés Megelõzésérõl szóló és az 1978. évi Jegyzõkönyvvel 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

A REACH-rendelet 31. cikke szerint a termékhez nem kötelező biztonsági adatlapot adni. Ez a biztonsági adatlap önkéntes alapon készült, hogy a REACH-rendelet 32. cikkében előírt releváns információkat közreadjuk.

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

LEMBAR DATA KESELAMATAN

iG.85 patio cleaner

1: IDENTIFIKASI ZAT/SEDIAAN DAN PERUSAHAAN/YANG MENANGANI

1.1. Pengenal produk

Nama produk:
iG.85 patio cleaner

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

Pengunaan-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:
08/08/2025

Versi SDS:
2.0

Tanggal terbitan sebelumnya:
26/05/2025 (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)

Tidak diklasifikasi menurut Nomor peraturan 23/M-IND/PER/4/2013 (GHS).

2.2. Elemen label

Piktogram (simbol bahaya):
Tidak berlaku.

Kata sinyal:
Tidak berlaku.

Pernyataan Bahaya:

Tidak berlaku.

Pernyataan Kehati-hatian:

▼*Umum:*
Tidak berlaku.

▼*Pencegahan:*
Tidak berlaku.

▼*Tanggapan:*
Tidak berlaku.

▼*Penyimpanan:*
Tidak berlaku.

▼*Pembuangan:*
Tidak berlaku.

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
Neodecanoic acid	CAS: 26896-20-8 EC: 248-093-9	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS: 24634-61-5 EC: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
Jika badan terasa tidak nyaman: bawa penderita ke tempat berudara segar.

Kena kulit:
Saat terjadi iritasi: bilas dengan air. Jika iritasi berlanjut, cari bantuan medis.

Kena mata:
Bilas perlahan dengan air hangat. Lepaskan semua lensa kontak jika ini mudah dilakukan. Lanjutkan membilas.

Jika terjadi iritasi atau rasa tidak nyaman pada mata yang terus-menerus: Cari bantuan medis.

Tertelan:
Cuci dan bilas mulut sampai bersih dan minum air dalam jumlah banyak. Jika kondisi tak nyaman terus berlanjut: cari bantuan medis dan bawa lembar data keselamatan ini.

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
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 / CO2)
Beberapa oksida logam

5.3. Saran untuk pemadam kebakaran
Tidak ada persyaratan khusus.

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 untukt ambahan informasi kontrol paparan/perlindungan diri.

7: PENANGANAN DAN PENYIMPANAN

7.1. Langkah-langkah pencegahan untuk penanganan yang aman
Hindari kontak selama kehamilan /sedang merawat.
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

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 pengoksida 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 PAPARAN / PERLINDUNGAN DIRI

8.1. Paramater pengendalian
Tidak ada zat yang terdaftar dengan batas paparan pekerjaan.

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:
Cuci tangan setelah penggunaan.

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:

Bahan	Ketebalan sarung tangan (mm)	Waktu tembus (menit)	Standar	
Tidak ada yang istimewa jika digunakan sesuai aturan	-	-	-	

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:*
Bening

Bau:
Ciri khas

Ambang batas bau (ppm):
Data tidak tersedia.

pH:
8.4

Kerapatan (densitas) relatif (g/cm³):
1,05 (20 °C)

Kekentalan (viskositas):
Data tidak tersedia.

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:
Terlalu mudah larut

Koefisien partisi (LogKow):
Data tidak tersedia.

Kelarutan dalam lemak (g/L):
Data tidak tersedia.

9.2. Informasi Lain

Parameter fisik dan kimia lainnya:
ND: 1.389

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

Toksisitas akut

Produk/bahan	Neodecanoic acid
Spesies:	Tikus besar
Rute Paparan:	Penghirupan
Uji:	LC50
Hasil:	> 3 mg/L

Produk/bahan	Neodecanoic acid
Spesies:	Kelinci
Rute Paparan:	Kulit
Uji:	LD50
Hasil:	> 3640 mg/kg

Produk/bahan	Neodecanoic acid
Spesies:	Tikus besar
Rute Paparan:	Lisan
Uji:	LD50
Hasil:	2066 mg/kg

Produk/bahan	Neodecanoic acid
Rute Paparan:	Lisan
Hasil:	2500 mg/kg

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Spesies:	Tikus besar
Rute Paparan:	Lisan
Uji:	LD50
Hasil:	3800 mg/kg

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Iritasi/korosif

Produk/bahan	Neodecanoic acid
Hasil:	Efek tak diinginkan tidak teramati (Tidak menimbulkan iritasi)

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Hasil:	Efek tak diinginkan teramati (Menimbulkan iritasi)

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Kerusakan/iritasi mata berat

Produk/bahan	Neodecanoic acid

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Hasil:	Efek tak diinginkan teramati (Menimbulkan iritasi)

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Kepekaan pernafasan

Produk/bahan	Neodecanoic acid
Hasil:	Efek tak diinginkan tidak teramati (tidak membuat peka)

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Kepekaan kulit

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Mutagenisitas sel kuman

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Karsinogenisitas

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Toksisitas reproduktif

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Tosisitas sistemik pada organ target spesifik karena paparan tunggal

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Toksisitas 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	Neodecanoic acid
Spesies:	Ganggang, Pseudokirchneriella subcapitata
Durasi:	72 jam
Hasil:	>100 mg/L

Produk/bahan	Neodecanoic acid
Spesies:	Dafnia, Daphnia magna
Durasi:	48 jam
Hasil:	> 1000 mg/L

Produk/bahan	Neodecanoic acid
Spesies:	Ikan, Oncorhynchus mykiss
Durasi:	96 jam
Hasil:	100-300 mg/L

Produk/bahan	Neodecanoic acid
Spesies:	Dafnia, Daphnia magna
Durasi:	21 hari
Hasil:	10.1 mg/L

Produk/bahan	Neodecanoic acid
Spesies:	Ikan, Oncorhynchus mykiss
Durasi:	14 hari
Uji:	NOEC
Hasil:	2.22 mg/L

Produk/bahan	Neodecanoic acid
Spesies:	Dafnia, Daphnia magna
Durasi:	21 hari
Uji:	NOEC
Hasil:	4.78 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Metode pengujian:	OECD 203
Spesies:	Ikan, Brachydanio rerio
Durasi:	96 jam
Uji:	LC50
Hasil:	>500 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Metode pengujian:	OECD 202
Spesies:	Krustasea, Daphnia magna
Durasi:	48 jam
Uji:	EC50
Hasil:	982 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Metode pengujian:	OECD 211
Spesies:	Krustasea, Daphnia magna
Durasi:	21 hari
Uji:	LC50
Hasil:	>50 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Metode pengujian:	OECD 211
Spesies:	Krustasea, Daphnia magna
Durasi:	21 hari
Uji:	EC50
Hasil:	>50 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Metode pengujian:	OECD 211
Spesies:	Krustasea, Daphnia magna
Durasi:	21 hari
Uji:	NOEC
Hasil:	50 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Metode pengujian:	OECD 211
Spesies:	Krustasea, Daphnia magna
Durasi:	21 hari

Uji:	LOEC
Hasil:	>50 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Metode pengujian:	OECD 201
Spesies:	Ganggang, Desmodesmus subspicatus
Durasi:	72 jam
Uji:	EbC50
Hasil:	1223 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Metode pengujian:	OECD 201
Spesies:	Ganggang, Desmodesmus subspicatus
Durasi:	72 jam
Uji:	ErC50
Hasil:	221 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Metode pengujian:	OECD 201
Spesies:	Ganggang, Desmodesmus subspicatus
Durasi:	72 jam
Uji:	NOEC
Hasil:	10,5 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Metode pengujian:	OECD 201
Spesies:	Ganggang, Desmodesmus subspicatus
Durasi:	72 jam
Uji:	LOEC
Hasil:	21 mg/L

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

12.2. Ketahanan dan tingkat degredasi

Produk/bahan	Neodecanoic acid
Kesimpulan:	Mudah terurai secara hayati

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Hasil:	>95%
Kesimpulan:	Mudah terurai secara hayati

12.3. Potensi bioakumulasi

Produk/bahan	Neodecanoic acid
Lingkungan:	Endapan air segar
Durasi:	14 hari
BCF:	<225
LogKow:	2.08
Kesimpulan:	Bioakumulasi tidak diharapkan

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Kelompok pengemasan

** Bahaya lingkungan

Informasi tamba
Bukan barang berbahaya menurut ADR, IATA, dan IMDG.

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.
Perempuan hamil dan menyusui tidak boleh terpapar produk ini. Risiko, berikut kemungkinan tindakan preventif teknis atau desain tempat kerja yang diperlukan untuk menghilangkan paparan, harus dipertimbangkan.

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
H319, Menyebabkan iritasi serius pada mata.

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
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

Lembar data keselamatan tidak dibutuhkan untuk produk ini. Lembar data keselamatan ini telah dibuat secara sukarela untuk menyebarluaskan informasi yang relevan.

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

iG.85 patio cleaner

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

1.1. Product identifier

Trade name:
iG.85 patio cleaner

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:
08/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (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

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP).

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):
Not applicable.

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

Hazardous substances:
Does not contain any substances required to report

▼*Additional labelling:*
EUH210, Safety data sheet available on request.
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9 REACH: Index No.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1 REACH: Index No.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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:*
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

▼*Eye contact:*
Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

▼*Ingestion:*
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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
2,2',2''-nitrilotriethanol
Long term exposure limit (8 hours) (mg/m³): 5

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
2,2',2''-nitrilotriethanol

Duration:	**Route of exposure:**	**DNEL:**
Long term – Systemic effects - General population	Dermal	3.1 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	6.3 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	1,25 mg/m³
Long term – Local effects - Workers	Inhalation	5 mg/m³
Long term – Systemic effects - General population	Inhalation	1.25 mg/m³
Long term – Systemic effects - Workers	Inhalation	5 mg/m³
Long term – Systemic effects - General population	Oral	3.1 mg/kg bw/day

Neodecanoic acid

Duration:	**Route of exposure:**	**DNEL:**
Long term – Systemic effects - General population	Dermal	17.5 mg/kg bw/day
Long term – Systemic effects - General population	Dermal	1.06 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	29 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	7.4 mg/kg bw/day
Long term – Local effects - General population	Inhalation	6.52 mg/m³
Long term – Systemic effects - General population	Inhalation	25.79 mg/m³
Long term – Systemic effects - Workers	Inhalation	86 mg/m³

Long term – Systemic effects - Workers	Inhalation	22.04 mg/m³
Long term – Systemic effects - General population	Oral	17.5 mg/kg bw/day
Long term – Systemic effects - General population	Oral	1.88 mg/kg bw/day

potassium (E,E)-hexa-2,4-dienoate

Duration:	**Route of exposure:**	**DNEL:**
Long term – Local effects - General population	Dermal	170 µg/cm²
Long term – Systemic effects - General population	Dermal	20 mg/kg/day
Long term – Systemic effects - General population	Dermal	20 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	40 mg/kg/day
Long term – Systemic effects - Workers	Dermal	40 mg/kg bw/day
Long term – Local effects - General population	Inhalation	26.08 mg/m³
Long term – Systemic effects - General population	Inhalation	52,17 mg/m³
Long term – Systemic effects - General population	Inhalation	52.17 mg/m³
Long term – Systemic effects - Workers	Inhalation	17,63 mg/m³
Long term – Systemic effects - Workers	Inhalation	17.63 mg/m³
Long term – Systemic effects - General population	Oral	2 mg/kg/day
Long term – Systemic effects - General population	Oral	2 mg/kg bw/day

PNEC

2,2',2''-nitrilotriethanol

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		320 µg/L
Freshwater sediment		1.7 mg/kg
Intermittent release (freshwater)		5.12 mg/L
Marine water		32 µg/L
Marine water sediment		170 µg/kg
Sewage treatment plant		10 mg/L
Soil		151 µg/kg

Neodecanoic acid

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		110 µg/L
Freshwater		0.478 mg/L
Marine water		11 µg/L
Marine water		0.0478 mg/L
Predators		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0,00048 g/cm³
Freshwater		1 mg/L
Freshwater sediment		0,00173 g/cm³
Freshwater sediment		3.6 mg/kg
Intermittent release (freshwater)		0.48 mg/L
Marine water		0,000048 g/cm³

Marine water		100 µg/L
Marine water sediment		0,000173 g/cm³
Marine water sediment		360 µg/kg
Sewage treatment plant		0,01 g/cm³
Sewage treatment plant		10 mg/L
Soil		0,00167 g/cm³
Soil		1.67 mg/kg
Soil		0.276 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:*

Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour / Odour threshold:
Characteristic

pH:
8.4

Density (g/cm^3):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3800 mg/kg

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

Skin corrosion/irritation

Product/substance	Neodecanoic acid

Result:	No adverse effect observed (Not irritating)

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance	Neodecanoic acid

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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

2,2',2''-nitrilotriethanol has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	Neodecanoic acid
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Result:	>100 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	> 1000 mg/L

Product/substance	Neodecanoic acid

Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC

Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education:

No specific requirements.

SEVESO - Categories / dangerous substances:

Not applicable.

Additional information:

Not applicable.

Sources:

Maternity Protection Act 1994 (34/1994) with later amendments.
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

H319, Causes serious eye irritation.

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

iG.85 patio cleaner

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

1.1. Product identifier

Trade name:
iG.85 patio cleaner

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:
08/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (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

2.1. Classification of the substance or mixture

Not classified according to Israeli Standard SI 2302.

2.2. Label elements

Hazard pictogram(s):

Not applicable.

Signal word:
Not applicable.

Hazard statement(s):
Not applicable.

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

Hazardous substances:
Does not contain any substances required to report

▼*Additional labelling:*
EUH210, Safety data sheet available on request.
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9 REACH: Index No.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1 REACH: Index No.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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:*
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

▼*Eye contact:*
Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

▼*Ingestion:*
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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.

DNEL
Neodecanoic acid

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	17.5 mg/kg bw/day
Long term – Systemic effects - General population	Dermal	1.06 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	29 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	7.4 mg/kg bw/day
Long term – Local effects - General population	Inhalation	6.52 mg/m³
Long term – Systemic effects - General population	Inhalation	25.79 mg/m³
Long term – Systemic effects - Workers	Inhalation	86 mg/m³
Long term – Systemic effects - Workers	Inhalation	22.04 mg/m³
Long term – Systemic effects - General population	Oral	17.5 mg/kg bw/day
Long term – Systemic effects - General population	Oral	1.88 mg/kg bw/day

potassium (E,E)-hexa-2,4-dienoate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	170 µg/cm²
Long term – Systemic effects - General population	Dermal	20 mg/kg/day
Long term – Systemic effects - General population	Dermal	20 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	40 mg/kg/day
Long term – Systemic effects - Workers	Dermal	40 mg/kg bw/day

Long term – Local effects - General population	Inhalation	26.08 mg/m³
Long term – Systemic effects - General population	Inhalation	52,17 mg/m³
Long term – Systemic effects - General population	Inhalation	52.17 mg/m³
Long term – Systemic effects - Workers	Inhalation	17,63 mg/m³
Long term – Systemic effects - Workers	Inhalation	17.63 mg/m³
Long term – Systemic effects - General population	Oral	2 mg/kg/day
Long term – Systemic effects - General population	Oral	2 mg/kg bw/day

PNEC

Neodecanoic acid

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		110 µg/L
Freshwater		0.478 mg/L
Marine water		11 µg/L
Marine water		0.0478 mg/L
Predators		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0,00048 g/cm³
Freshwater		1 mg/L
Freshwater sediment		0,00173 g/cm³
Freshwater sediment		3.6 mg/kg
Intermittent release (freshwater)		0.48 mg/L
Marine water		0,000048 g/cm³
Marine water		100 µg/L
Marine water sediment		0,000173 g/cm³
Marine water sediment		360 µg/kg
Sewage treatment plant		0,01 g/cm³
Sewage treatment plant		10 mg/L
Soil		0,00167 g/cm³
Soil		1.67 mg/kg
Soil		0.276 mg/kg

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:*

Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour / Odour threshold:
Characteristic

pH:
8.4

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3800 mg/kg

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

Skin corrosion/irritation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (Not irritating)

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance	Neodecanoic acid

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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
None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	Neodecanoic acid
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Result:	>100 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	> 1000 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education:
No specific requirements.

SEVESO - Categories / dangerous substances:
Not applicable.

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
1993 Hazardous Substances Law
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
H319, Causes serious eye irritation.

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

A safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.
In accordance with Article 31 of REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required under Article 32 of REACH.

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: IL-en

SAFETY DATA SHEET

iG.85 patio cleaner

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:
iG.85 patio cleaner

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:
08/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (1.0)

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified according to GHS

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9	10-15%	Acute Tox. 5, H303	
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour:
Characteristic

Odour threshold (ppm):
No data available.

pH:
8.4

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Result: 3800 mg/kg

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

Skin corrosion/irritation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (Not irritating)

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance: Neodecanoic acid

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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: Neodecanoic acid
Species: Algae, Pseudokirchneriella subcapitata
Duration: 72 hours
Result: >100 mg/L

Product/substance: Neodecanoic acid
Species: Daphnia, Daphnia magna
Duration: 48 hours
Result: > 1000 mg/L

Product/substance: Neodecanoic acid
Species: Fish, Oncorhynchus mykiss
Duration: 96 hours

Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

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
H303, May be harmful if swallowed
H319, Causes serious eye irritation.

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

A safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

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

iG.85 patio cleaner

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

1.1. Vörukenni

Viðskiptaheiti:
iG.85 patio cleaner

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:
8.8.2025

Útgáfa öryggisblaðs:
2.0

Dagsetning fyrri útgáfu:
26.5.2025 (1.0)

1.4. Neyðarsímanúmer

Neyðarlínan: Sími 112.
Eitrunarmiðstöð Landsspítalans. Sími: 543 2222.
Sjá liður 4: Ráðstafanir í skyndihjálp.

2. LIÐUR: HÆTTUGREINING

2.1. Flokkun efnisins eða blöndunnar

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

2.2. Merkingaratriði

Hættumerki:
Á ekki við.

Viðvörunarorð:

Á ekki við.

Hættusetningar:
Á ekki við.

Varnaðarsetningar:

▼*Almennt:*
Á ekki við.

▼*Fyrirbygging:*
Á ekki við.

▼*Viðbrögð:*
Á ekki við.

▼*Geymsla:*
Á ekki við.

▼*Förgun:*
Á ekki við.

Tilgreining efna sem valda alvarlegum heilsuvandamálum:
Inniheldur engin efni sem nauðsynlegt er að tilkynna

▼*Viðbótarmerking:*
EUH210, Öryggisblað er fáanlegt sé um það beðið.
Á ekki við.

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
Neodecanoic acid	CAS-nr.: 26896-20-8 EB-nr.: 248-093-9 REACH: Vísitala nr. :	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS-nr.: 24634-61-5 EB-nr.: 246-376-1 REACH: Vísitala nr. : 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 SKYNDIHJÁLP

4.1. Lýsing á ráðstöfunum í skyndihjálp

Almennar upplýsingar:
Ef slys kemur upp: Hafið samband við lækni eða slysadeild - 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:*
Ef fundið er fyrir óþægindum: Komið viðkomandi í ferskt loft.

Snerting við húð:
Við ertingu: Þvoið efnið af. Við langvarandi ertingu: Leitið til læknis

▼*Snerting við augu:*
Skolið varlega með volgu vatni. Fjarlægið allar augnlinsur ef auðvelt er að gera það. Haldið áfram að skola. Ef um er að ræða viðvarandi augnertingu eða óþægindi: Leitið læknishjálpar.

▼*Inntaka:*
Skolið munninn vandlega með vatni. Ef óþægindin eru viðvarandi skal leita til læknis og hafa þetta öryggisblað meðferðis.

Brunar:
Á ekki við.

4.2. Helstu skaðleg einkenni og áhrif, bæði bráð og tafin
Enginn kunnuglegur.

4.3. Upplýsingar um tafarlausa 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 SLÖKKVIAÐGERÐA

5.1. Slökkvibúnaður
Á ekki við.

5.2. Sérstakar hættur af völdum efnisins eða blöndunnar
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 / CO2)
Sum málmoxíð

5.3. Ráðgjöf fyrir slökkviliðsmenn
Engar sérstakar kröfur.

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
Forðist snertingu á meðgöngu og við brjóstagjöf.
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

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. Sértæk, 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
2,2',2''-nitrilotriethanol
Mengunarmörk (8 tíma) (mg/m³): 5
Athugasemdir:
O = Efnið er ofnæmisvaldandi.

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
2,2',2''-nitrilotriethanol

Tímalengd:	Váhrifaleið:	DNEL:
Langtíma - Kerfisbundin áhrif - Almenningur	Innöndun	1.25 mg/m³
Langtíma - Kerfisbundin áhrif - Verkamenn	Innöndun	5 mg/m³
Langtíma - Staðbundin áhrif - Verkamenn	Innöndun	1,25 mg/m³
Langtíma - Staðbundin áhrif - Verkamenn	Innöndun	5 mg/m³
Langtíma - Kerfisbundin áhrif - Almenningur	Inntaka	3.1 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Almenningur	Snerting við húð	3.1 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Verkamenn	Snerting við húð	6.3 mg/kg bw/day

Neodecanoic acid

Tímalengd:	Váhrifaleið:	DNEL:
Langtíma - Kerfisbundin áhrif - Almenningur	Innöndun	25.79 mg/m³
Langtíma - Kerfisbundin áhrif - Verkamenn	Innöndun	86 mg/m³
Langtíma - Kerfisbundin áhrif - Verkamenn	Innöndun	22.04 mg/m³

Langtíma - Staðbundin áhrif - Almenningur	Innöndun	6.52 mg/m³
Langtíma - Kerfisbundin áhrif - Almenningur	Inntaka	17.5 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Almenningur	Inntaka	1.88 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Almenningur	Snerting við húð	17.5 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Almenningur	Snerting við húð	1.06 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Verkamenn	Snerting við húð	29 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Verkamenn	Snerting við húð	7.4 mg/kg bw/day

potassium (E,E)-hexa-2,4-dienoate

Tímalengd:	**Váhrifaleið:**	**DNEL:**
Langtíma - Kerfisbundin áhrif - Almenningur	Innöndun	52,17 mg/m³
Langtíma - Kerfisbundin áhrif - Almenningur	Innöndun	52.17 mg/m³
Langtíma - Kerfisbundin áhrif - Verkamenn	Innöndun	17,63 mg/m³
Langtíma - Kerfisbundin áhrif - Verkamenn	Innöndun	17.63 mg/m³
Langtíma - Staðbundin áhrif - Almenningur	Innöndun	26.08 mg/m³
Langtíma - Kerfisbundin áhrif - Almenningur	Inntaka	2 mg/kg/day
Langtíma - Kerfisbundin áhrif - Almenningur	Inntaka	2 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Almenningur	Snerting við húð	20 mg/kg/day
Langtíma - Kerfisbundin áhrif - Almenningur	Snerting við húð	20 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Verkamenn	Snerting við húð	40 mg/kg/day
Langtíma - Kerfisbundin áhrif - Verkamenn	Snerting við húð	40 mg/kg bw/day
Langtíma - Staðbundin áhrif - Almenningur	Snerting við húð	170 µg/cm²

PNEC

2,2',2''-nitrilotriethanol

Váhrifaleið:	**Tímalengd notkunar:**	**PNEC:**
Botnfall í ferskvatni		1.7 mg/kg
Botnfall í sjó		170 µg/kg
Ferskvatn		320 µg/L
Jarðvegur		151 µg/kg
Ósamfelld slepping (ferskvatn)		5.12 mg/L
Sjór		32 µg/L
Skólpvinnslustöð		10 mg/L

Neodecanoic acid

Váhrifaleið:	**Tímalengd notkunar:**	**PNEC:**
Ferskvatn		110 µg/L
Ferskvatn		0.478 mg/L
Rándýr		16.7 mg/kg
Sjór		11 µg/L
Sjór		0.0478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Váhrifaleið:	**Tímalengd notkunar:**	**PNEC:**
Botnfall í ferskvatni		0,00173 g/cm³
Botnfall í ferskvatni		3.6 mg/kg

Botnfall í sjó		0,000173 g/cm³
Botnfall í sjó		360 µg/kg
Ferskvatn		0,00048 g/cm³
Ferskvatn		1 mg/L
Jarðvegur		0,00167 g/cm³
Jarðvegur		1.67 mg/kg
Jarðvegur		0.276 mg/kg
Ósamfelld slepping (ferskvatn)		0.48 mg/L
Sjór		0,000048 g/cm³
Sjór		100 µg/L
Skólpvinnslustöð		0,01 g/cm³
Skólpvinnslustöð		10 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:*

Þvo skal hendur eftir notkun.

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:

Ráðlagt	þykkt (mm)	Gegnumbrots-tími (mín.)	Evrópustaðal	
Ekkert sem taka þarf sérstaklega fram við hefðbundna tilætlaða notkun	-	-	-	

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:*
Litlaust

Lykt / Lykt þröskuld (ppm):
Einkennandi

pH:
8.4

Eðlismassi (g/cm³):
1,05 (20 °C)

Kinematic seigja:
Engin gögn tiltæk.

Agnaeinkenni:
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 gufuþéttleiki:
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:
Fullkomlega leysanlegt

n-oktanól/vatnsstuðull (LogKow):
Engin gögn tiltæk.

Uppleysanleiki í fitu (g/L):
Engin gögn tiltæk.

9.2. Aðrar upplýsingar

Aðrar eðlisfræðilegar og efnafræðilegar breytur:
ND: 1.389

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 frálífunarefni.

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	Neodecanoic acid
Tegund:	Rotta
Váhrifaleið:	Innöndun
Próf:	LC50
Niðurstaða:	> 3 mg/L

Vara/innihaldsefnis	Neodecanoic acid
Tegund:	Kanína
Váhrifaleið:	Snerting við húð
Próf:	LD50
Niðurstaða:	> 3640 mg/kg

Vara/innihaldsefnis	Neodecanoic acid
Tegund:	Rotta
Váhrifaleið:	Inntaka
Próf:	LD50
Niðurstaða:	2066 mg/kg

Vara/innihaldsefnis	Neodecanoic acid
Váhrifaleið:	Inntaka
Niðurstaða:	2500 mg/kg

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Tegund:	Rotta
Váhrifaleið:	Inntaka
Próf:	LD50
Niðurstaða:	3800 mg/kg

Miðað við fáanleg gögn eru flokkunarskilyrði ekki uppfyllt.

Húðæting/húðerting

Vara/innihaldsefnis	Neodecanoic acid
Niðurstaða:	Ekki vart við neinar aukaverkanir (Ekki ertandi)

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Niðurstaða:	Vart varð við aukaverkanir (Ertandi)

Miðað við fáanleg gögn eru flokkunarskilyrði ekki uppfyllt.

Alvarlegur augnskaði/augnerting

Vara/innihaldsefnis	Neodecanoic acid

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Niðurstaða:	Vart varð við aukaverkanir (Ertandi)

Miðað við fáanleg gögn eru flokkunarskilyrði ekki uppfyllt.

Næming öndunarfæra

Vara/innihaldsefnis	Neodecanoic acid
Niðurstaða:	Ekki vart við neinar aukaverkanir (ekki næmandi)

Miðað við fáanleg gögn eru flokkunarskilyrði ekki uppfyllt.

Húðnæming

Miðað við fáanleg gögn eru flokkunarskilyrði ekki uppfyllt.

Stökkbreytandi áhrif á kímfrumur

Miðað við fáanleg gögn eru flokkunarskilyrði ekki uppfyllt.

Krabbameinsvaldandi áhrif

Miðað við fáanleg gögn eru flokkunarskilyrði ekki uppfyllt.

Eiturhrif á æxlun

Miðað við fáanleg gögn eru flokkunarskilyrði ekki uppfyllt.

Sértæk eiturhrif á marklíffæri – váhrif í eitt skipti

Miðað við fáanleg gögn eru flokkunarskilyrði ekki uppfyllt.

Sértæk eiturhrif á marklíffæri – endurtekin váhrif

Miðað við fáanleg gögn eru flokkunarskilyrði ekki uppfyllt.

Ásvelgingarhætta

Miðað við fáanleg 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

2,2',2''-nitrilotriethanol: IARC skilgreinir efnið í flokk 3.

12. LIÐUR: VISTFRÆÐILEGAR UPPLÝSINGAR

12.1. Visteiturhrif

Vara/innihaldsefnis	Neodecanoic acid
Tegund:	Þörungar, Pseudokirchneriella subcapitata
Tímalengd:	72 klst.
Niðurstaða:	>100 mg/L

Vara/innihaldsefnis	Neodecanoic acid
Tegund:	Krabbasvif, Daphnia magna
Tímalengd:	48 klst.
Niðurstaða:	> 1000 mg/L

Vara/innihaldsefnis	Neodecanoic acid
Tegund:	Fiskur, Oncorhynchus mykiss
Tímalengd:	96 klst.
Niðurstaða:	100-300 mg/L

Vara/innihaldsefnis	Neodecanoic acid
Tegund:	Krabbasvif, Daphnia magna
Tímalengd:	21 dagar
Niðurstaða:	10.1 mg/L

Vara/innihaldsefnis	Neodecanoic acid
Tegund:	Fiskur, Oncorhynchus mykiss
Tímalengd:	14 dagar
Próf:	NOEC
Niðurstaða:	2.22 mg/L

Vara/innihaldsefnis	Neodecanoic acid
Tegund:	Krabbasvif, Daphnia magna
Tímalengd:	21 dagar
Próf:	NOEC
Niðurstaða:	4.78 mg/L

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Prófunaraðferð:	OECD 203
Tegund:	Fiskur, Brachydanio rerio
Tímalengd:	96 klst.
Próf:	LC50
Niðurstaða:	>500 mg/L

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Prófunaraðferð:	OECD 202
Tegund:	Krabbadýr, Daphnia magna
Tímalengd:	48 klst.
Próf:	EC50
Niðurstaða:	982 mg/L

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Prófunaraðferð:	OECD 211
Tegund:	Krabbadýr, Daphnia magna
Tímalengd:	21 dagar
Próf:	LC50
Niðurstaða:	>50 mg/L

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Prófunaraðferð:	OECD 211
Tegund:	Krabbadýr, Daphnia magna
Tímalengd:	21 dagar
Próf:	EC50
Niðurstaða:	>50 mg/L

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Prófunaraðferð:	OECD 211
Tegund:	Krabbadýr, Daphnia magna
Tímalengd:	21 dagar
Próf:	NOEC
Niðurstaða:	50 mg/L

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Prófunaraðferð:	OECD 211
Tegund:	Krabbadýr, Daphnia magna
Tímalengd:	21 dagar
Próf:	LOEC
Niðurstaða:	>50 mg/L

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Prófunaraðferð:	OECD 201
Tegund:	Þörungar, Desmodesmus subspicatus
Tímalengd:	72 klst.
Próf:	EbC50
Niðurstaða:	1223 mg/L

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Prófunaraðferð:	OECD 201
Tegund:	Þörungar, Desmodesmus subspicatus
Tímalengd:	72 klst.
Próf:	ErC50
Niðurstaða:	221 mg/L

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Prófunaraðferð:	OECD 201
Tegund:	Þörungar, Desmodesmus subspicatus
Tímalengd:	72 klst.
Próf:	NOEC
Niðurstaða:	10,5 mg/L

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Prófunaraðferð:	OECD 201
Tegund:	Þörungar, Desmodesmus subspicatus
Tímalengd:	72 klst.
Próf:	LOEC
Niðurstaða:	21 mg/L

Miðað við fáanleg gögn eru flokkunarskilyrði ekki uppfyllt.

12.2. Þrávirkni og niðurbrjótanleiki

Vara/innihaldsefnis	Neodecanoic acid
Niðurstaða:	Auðlífbrjótanlegt

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
Niðurstaða:	>95%
Niðurstaða:	Auðlífbrjótanlegt

12.3. Uppsöfnun í lífverum

Vara/innihaldsefnis	Neodecanoic acid
Umhverfi:	Botnfall í ferskvatni
Tímalengd:	14 dagar
BCF:	<225
LogKow:	2.08
Niðurstaða:	Ekki er búist við uppsöfnun í lífverum

Vara/innihaldsefnis	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6

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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Pökkunarflokkur

** Umhverfishættur

Viðbótarupplýsingar
Ekki skráð sem hættulegt efni í reglugerðum ADR, IATA og IMDG (alþjóðlegur kóði um siglingu með hættulegan varning).

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.
Þungaðar konur og konur með barn á brjósti mega ekki verða fyrir váhrifum þessarar vöru. Gera skal áhættumat og viðeigandi tæknilegar varúðarráðstafanir eða meta gerð vinnustofunnar.

Beiðnir um sérstaka þjálfun:
Engar sérstakar kröfur.

SEVESO:

Á ekki við.

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 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
H319, Veldur alvarlegri augnertingu.

Skammstafanir og upphafsstafir
ADR = Evrópusamningnum um millilandaflutninga á hættulegum farmi á vegum
ATE = Matsgildi bráðra eiturhrifa
CAS = Efnafræðileg ágripsþjónustan
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 = Hnattræn hlýnunarmöguleiki
IATA = Alþjóðasamtök flugflutninga
IMGA = Alþjóðlegur hættulegur varningur til sjós
IMO = Alþjóðasiglingamálastofnunin
LC50 = Miðgildisbanastyrkur
LD50 = 50% drápsskammtur
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

iG.85 patio cleaner

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

1.1. Identificatore del prodotto

Nome commerciale:
iG.85 patio cleaner

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:
08/08/2025

Versione SDS:
2.0

Data dell'edizione precedente:
26/05/2025 (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

2.1. Classificazione della sostanza o della miscela

Non classificato secondo il Regolamento CE n. 1272/2008 (CLP).

2.2. Elementi dell'etichetta

Pittogrammi di pericolo:
Non applicabile.

Avvertenza:
Non applicabile.

Indicazioni di pericolo:
Non applicabile.

Consigli di prudenza:

▼*Generale:*
Non applicabile.

▼*Prevenzione:*
Non applicabile.

▼*Reazione:*
Non applicabile.

▼*Conservazione:*
Non applicabile.

▼*Smaltimento:*
Non applicabile.

Contenuto:
Non contiene sostanze Soggette all'obbligo di notifica

▼*Altre etichette:*
EUH210, Scheda dati di sicurezza disponibile su richiesta.
Non applicabile.

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.
Neodecanoic acid	n. CAS: 26896-20-8 n. CE: 248-093-9 REACH: n. indice:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	n. CAS: 24634-61-5 n. CE: 246-376-1 REACH: n. indice: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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

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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 sè 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:*

Se necessario, portare la persona all'aria aperta.

Contatto con la pelle:

In caso di irritazione: lavare la parte irritata per togliere il prodotto. Se l'irritazione persiste consultare un medico.

▼*Contatto con gli occhi:*

Sciacquare delicatamente con acqua tiepida. Togliere le eventuali lenti a contatto se è agevole farlo. Continuare a sciacquare. In caso di irritazione o fastidio persistente agli occhi: consultare un medico.

▼*Ingestione:*

Sciacquare bene la bocca e bere molta acqua. Se il fastidio persiste, consultare un medico e mostrare la scheda dati di sicurezza.

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

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 / CO2)
Alcuni ossidi di metallo

5.3. Raccomandazioni per gli addetti all'estinzione degli incendi

Nessun requisito particolare.

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 detergenti. 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
Evitare il contatto durante la gravidanza e l'allattamento.
Non fumare, mangiare né bere nei locali.
Vedere la sezione 8 "Controllo dell'esposizione/protezione individuale" per l'attrezzatura di protezione.

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

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
Neodecanoic acid

Durata:	Via di esposizione:	DNEL:
Lungo termine - effetti sistemici - lavoratori	Cutanea	29 mg/kg/giorno
Lungo termine - effetti sistemici - lavoratori	Cutanea	7.4 mg/kg/giorno
Lungo termine - effetti sistemici - popolazione generale	Cutanea	17.5 mg/kg/giorno
Lungo termine - effetti sistemici - popolazione generale	Cutanea	1.06 mg/kg/giorno
Lungo termine - effetti locali - popolazione generale	Inalazione	6.52 mg/m³
Lungo termine - effetti sistemici - lavoratori	Inalazione	86 mg/m³
Lungo termine - effetti sistemici - lavoratori	Inalazione	22.04 mg/m³
Lungo termine - effetti sistemici - popolazione generale	Inalazione	25.79 mg/m³

Lungo termine - effetti sistemici - popolazione generale	Orale	17.5 mg/kg/giorno
Lungo termine - effetti sistemici - popolazione generale	Orale	1.88 mg/kg/giorno

potassium (E,E)-hexa-2,4-dienoate

Durata:	**Via di esposizione:**	**DNEL:**
Lungo termine - effetti locali - popolazione generale	Cutanea	170 µg/cm²
Lungo termine - effetti sistemici - lavoratori	Cutanea	40 mg/kg/day
Lungo termine - effetti sistemici - lavoratori	Cutanea	40 mg/kg/giorno
Lungo termine - effetti sistemici - popolazione generale	Cutanea	20 mg/kg/day
Lungo termine - effetti sistemici - popolazione generale	Cutanea	20 mg/kg/giorno
Lungo termine - effetti locali - popolazione generale	Inalazione	26.08 mg/m³
Lungo termine - effetti sistemici - lavoratori	Inalazione	17,63 mg/m³
Lungo termine - effetti sistemici - lavoratori	Inalazione	17.63 mg/m³
Lungo termine - effetti sistemici - popolazione generale	Inalazione	52,17 mg/m³
Lungo termine - effetti sistemici - popolazione generale	Inalazione	52.17 mg/m³
Lungo termine - effetti sistemici - popolazione generale	Orale	2 mg/kg/day
Lungo termine - effetti sistemici - popolazione generale	Orale	2 mg/kg/giorno

PNEC

Neodecanoic acid

Via di esposizione:	**Durata dell'esposizione:**	**PNEC:**
Acqua dolce		110 µg/L
Acqua dolce		0.478 mg/L
Acqua marina		11 µg/L
Acqua marina		0.0478 mg/L
Predatori		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Via di esposizione:	**Durata dell'esposizione:**	**PNEC:**
Acqua dolce		0,00048 g/cm³
Acqua dolce		1 mg/L
Acqua marina		0,000048 g/cm³
Acqua marina		100 µg/L
Impianto di trattamento delle acque reflue		0,01 g/cm³
Impianto di trattamento delle acque reflue		10 mg/L
Rilascio intermittente (acqua dolce)		0.48 mg/L
Sedimenti di acqua dolce		0,00173 g/cm³
Sedimenti di acqua dolce		3.6 mg/kg
Sedimenti di acqua marina		0,000173 g/cm³
Sedimenti di acqua marina		360 µg/kg
Terreno		0,00167 g/cm³
Terreno		1.67 mg/kg
Terreno		0.276 mg/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:*
Lavare le mani dopo l'uso.

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:

Materiale	Spessore minimo (mm)	Tempo di permeazione (min.)	Norme	
Nessuna condizione particolare per il normale uso previsto	-	-	-	

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:*
Incolore

Odore / Soglia olfattiva (ppm):
Caratteristico

pH:
8.4

Densità (g/cm³):
1,05 (20 °C)

Viscosità cinematica::
Dati non disponibili.

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:
Completamente solubile

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:
ND: 1.389

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	Neodecanoic acid
Specie:	Ratto
Via di esposizione:	Inalazione
Test:	LC50
Risultato:	> 3 mg/L

Prodotto/ingrediente	Neodecanoic acid
Specie:	Coniglio
Via di esposizione:	Cutanea
Test:	DL50
Risultato:	> 3640 mg/kg

Prodotto/ingrediente	Neodecanoic acid
Specie:	Ratto
Via di esposizione:	Orale
Test:	DL50
Risultato:	2066 mg/kg

Prodotto/ingrediente	Neodecanoic acid
Via di esposizione:	Orale
Risultato:	2500 mg/kg

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Specie:	Ratto
Via di esposizione:	Orale
Test:	DL50
Risultato:	3800 mg/kg

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

Corrosione/irritazione cutanea

Prodotto/ingrediente	Neodecanoic acid
Risultato:	Nessun effetto nocivo osservato (Non irritante)

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Risultato:	Effetti nocivi osservati (Irritante)

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

Lesioni oculari gravi/irritazioni oculari gravi

Prodotto/ingrediente	Neodecanoic acid

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Risultato:	Effetti nocivi osservati (Irritante)

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

Sensibilizzazione respiratoria

Prodotto/ingrediente	Neodecanoic acid
Risultato:	Nessun effetto nocivo osservato (non sensibilizzante)

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

Sensibilizzazione cutanea

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

Mutagenicità delle cellule germinali
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
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
In base ai dati disponibili, il prodotto non contiene sostanze elencate nelle principali liste europee di potenziali o sospetti interferenti endocrini con effetti sulla salute umana oggetto di valutazione.

Altre informazioni
Non noto.

SEZIONE 12: INFORMAZIONI ECOLOGICHE

12.1. Tossicità

Prodotto/ingrediente	Neodecanoic acid
Specie:	Alghe, Pseudokirchneriella subcapitata
Durata:	72 ore
Risultato:	>100 mg/L

Prodotto/ingrediente	Neodecanoic acid
Specie:	Dafnie, Daphnia magna
Durata:	48 ore
Risultato:	> 1000 mg/L

Prodotto/ingrediente	Neodecanoic acid
Specie:	Pesce, Oncorhynchus mykiss
Durata:	96 ore
Risultato:	100-300 mg/L

Prodotto/ingrediente	Neodecanoic acid
Specie:	Dafnie, Daphnia magna
Durata:	21 giorni
Risultato:	10.1 mg/L

Prodotto/ingrediente	Neodecanoic acid
Specie:	Pesce, Oncorhynchus mykiss
Durata:	14 giorni
Test:	NOEC
Risultato:	2.22 mg/L

Prodotto/ingrediente	Neodecanoic acid
Specie:	Dafnie, Daphnia magna
Durata:	21 giorni
Test:	NOEC

Risultato:	4.78 mg/L

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Metodo di prova:	OCSE 203
Specie:	Pesce, Brachydanio rerio
Durata:	96 ore
Test:	LC50
Risultato:	>500 mg/L

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Metodo di prova:	OCSE 202
Specie:	Crostacei, Daphnia magna
Durata:	48 ore
Test:	EC50
Risultato:	982 mg/L

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Metodo di prova:	OCSE 211
Specie:	Crostacei, Daphnia magna
Durata:	21 giorni
Test:	LC50
Risultato:	>50 mg/L

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Metodo di prova:	OCSE 211
Specie:	Crostacei, Daphnia magna
Durata:	21 giorni
Test:	EC50
Risultato:	>50 mg/L

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Metodo di prova:	OCSE 211
Specie:	Crostacei, Daphnia magna
Durata:	21 giorni
Test:	NOEC
Risultato:	50 mg/L

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Metodo di prova:	OCSE 211
Specie:	Crostacei, Daphnia magna
Durata:	21 giorni
Test:	LOEC
Risultato:	>50 mg/L

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Metodo di prova:	OCSE 201
Specie:	Alghe, Desmodesmus subspicatus
Durata:	72 ore
Test:	EbC50
Risultato:	1223 mg/L

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Metodo di prova:	OCSE 201
Specie:	Alghe, Desmodesmus subspicatus
Durata:	72 ore
Test:	ErC50
Risultato:	221 mg/L

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Metodo di prova:	OCSE 201
Specie:	Alghe, Desmodesmus subspicatus

Durata:	72 ore
Test:	NOEC
Risultato:	10,5 mg/L

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Metodo di prova:	OCSE 201
Specie:	Alghe, Desmodesmus subspicatus
Durata:	72 ore
Test:	LOEC
Risultato:	21 mg/L

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

12.2. Persistenza e degradabilità

Prodotto/ingrediente	Neodecanoic acid
Conclusione:	Pronta biodegradabilità

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
Risultato:	>95%
Conclusione:	Pronta biodegradabilità

12.3. Potenziale di bioaccumulo

Prodotto/ingrediente	Neodecanoic acid
Comparto ambientale:	Sedimenti di acqua dolce
Durata:	14 giorni
BCF:	<225
LogKow:	2.08
Conclusione:	Non è previsto alcun bioaccumulo

Prodotto/ingrediente	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Gruppo d'imballaggio

** Pericoli per l'ambiente

Altro

Prodotto non pericoloso in base ai criteri della normativa sul trasporto via terra, IATA e via mare.

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:

Uso ristretto agli utilizzatori professionali.
Donne in gravidanza e e che allattano non devono essere esposte a questo prodotto. Prendere in considerazione il rischio e le eventuali precauzioni tecniche o progettazione del posto di lavoro necessari per eliminare l'esposizione.

Esigenza di istruzioni particolari:

Nessun requisito particolare.

SEVESO - Categorie / Sostanze pericolose:

Non applicabile.

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 (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

H319, Provoca grave irritazione oculare.

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

Conformemente all'articlo 31 del REACH, non è richiesta una scheda sulle informazioni di sicurezza per il prodotto. La presente scheda sulle informazioni di sicurezza è stata redatta su base volontaria allo scopo di fornire informazioni rilevanti come richiesto dall'articolo 32 del REACH.

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

iG.85 patio cleaner

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*:*
iG.85 patio cleaner

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*:*
洗剤および洗浄剤（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*:*
2025/08/08

SDS バージョン*:*
2.0

前作成日*:*
2025/05/26 (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

2.1. 物質または混合物の分類

GHS による分類なし

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*:*

該当なし.

危険有害性情報:
該当なし.

注意書き:

▼概要:
該当なし.

▼安全対策:
該当なし.

▼応急措置:
該当なし.

▼保管:
該当なし.

▼廃棄:
該当なし.

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
Neodecanoic acid	CAS番号 : 26896-20-8 EC番号 : 248-093-9	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS番号 : 24634-61-5 EC番号 : 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
不快感がある場合：被害者を新鮮な空気を吸える場所に移動する。

皮膚に付着した場合:
刺激が発生した場合：水ですすぐ。刺激が続く場合は、医師と相談すること。

眼に入った場合:
ぬるま湯で優しく洗い流してください。 簡単にコンタクトレンズを外せる場合は外してください。 すすぎを続けます。
目の炎症や不快感が続く場合: 医師の診察を受けてください。

飲み込んだ場合:
水で口を十分に洗い、多量の水を飲むこと。不快感が続く場合：この安全データシートを持参して、医師と相談すること。

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
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 / CO2)
金属酸化物の一部

5.3. 消防士に対する助言
特定の要件なし.

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
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
妊娠中および授乳期中は接触を避 けること。
作業場での喫煙、飲酒、食べ物の摂取は禁止する。
作業者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

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
職業ばく露限界のある物質の全国リストに記載されている物質はない。

8.2. 暴露の管理
不必要な被ばくを防ぐため、全般的な管理を行います。

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:
この製品の物質に対する職業ばく露限界は定義されていない。

適切な技術的管理:
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:
使用後に手を洗うこと.

環境暴露管理:
特定の要件なし.

個人の保護措置

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:

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	-	-	-	

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. 基本的な物理学的および化学的特性に関する情報

物理的状*:*
液体

▼色*:*
無色

臭い*:*
特性

臭気しきい値（*ppm*）*:*
利用可能なデータなし.

pH:
8.4

比重 (*g/cm³*)*:*
1.05 (20 °C)

粘度*:*
利用可能なデータなし.

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（燃焼）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:
完全に溶ける

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:
ND: 1.389

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7 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	Neodecanoic acid
種類:	ラット
暴露経路:	吸入
テスト:	LC50
結果:	> 3 mg/L

製品 / 成分	Neodecanoic acid
種類:	ウサギ
暴露経路:	皮膚
テスト:	LD50
結果:	> 3640 mg/kg

製品 / 成分	Neodecanoic acid
種類:	ラット
暴露経路:	経口
テスト:	LD50
結果:	2066 mg/kg

製品 / 成分	Neodecanoic acid
暴露経路:	経口
結果:	2500 mg/kg

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
種類:	ラット
暴露経路:	経口
テスト:	LD50
結果:	3800 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	Neodecanoic acid
結果:	副作用は認められない (刺激しない)

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
結果:	副作用が認められる (刺激する)

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	Neodecanoic acid

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
結果:	副作用が認められる (刺激する)

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	Neodecanoic acid
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

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

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。

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）

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	Neodecanoic acid
種類:	藻類, Pseudokirchneriella subcapitata
存続期間:	72 時間

結果:	>100 mg/L

製品 / 成分	Neodecanoic acid
種類:	ミジンコ類, Daphnia magna
存続期間:	48 時間
結果:	> 1000 mg/L

製品 / 成分	Neodecanoic acid
種類:	魚類, Oncorhynchus mykiss
存続期間:	96 時間
結果:	100-300 mg/L

製品 / 成分	Neodecanoic acid
種類:	ミジンコ類, Daphnia magna
存続期間:	21 日
結果:	10.1 mg/L

製品 / 成分	Neodecanoic acid
種類:	魚類, Oncorhynchus mykiss
存続期間:	14 日
テスト:	NOEC
結果:	2.22 mg/L

製品 / 成分	Neodecanoic acid
種類:	ミジンコ類, Daphnia magna
存続期間:	21 日
テスト:	NOEC
結果:	4.78 mg/L

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
試験方法:	OECD 203
種類:	魚類, Brachydanio rerio
存続期間:	96 時間
テスト:	LC50
結果:	>500 mg/L

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
試験方法:	OECD 202
種類:	甲殻綱, Daphnia magna
存続期間:	48 時間
テスト:	EC50
結果:	982 mg/L

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
試験方法:	OECD 211
種類:	甲殻綱, Daphnia magna
存続期間:	21 日
テスト:	LC50
結果:	>50 mg/L

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
試験方法:	OECD 211
種類:	甲殻綱, Daphnia magna
存続期間:	21 日
テスト:	EC50
結果:	>50 mg/L

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
試験方法:	OECD 211

種類:	甲殻綱, Daphnia magna
存続期間:	21 日
テスト:	NOEC
結果:	50 mg/L

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
試験方法:	OECD 211
種類:	甲殻綱, Daphnia magna
存続期間:	21 日
テスト:	LOEC
結果:	>50 mg/L

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
試験方法:	OECD 201
種類:	藻類, Desmodesmus subspicatus
存続期間:	72 時間
テスト:	EbC50
結果:	1223 mg/L

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
試験方法:	OECD 201
種類:	藻類, Desmodesmus subspicatus
存続期間:	72 時間
テスト:	ErC50
結果:	221 mg/L

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
試験方法:	OECD 201
種類:	藻類, Desmodesmus subspicatus
存続期間:	72 時間
テスト:	NOEC
結果:	10,5 mg/L

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
試験方法:	OECD 201
種類:	藻類, Desmodesmus subspicatus
存続期間:	72 時間
テスト:	LOEC
結果:	21 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

製品 / 成分	Neodecanoic acid
結論:	生分解しやすい

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
結果:	>95%
結論:	生分解しやすい

12.3. 生体蓄積性

製品 / 成分	Neodecanoic acid
環境:	淡水堆積物
存続期間:	14 日
BCF:	<225
LogKow:	2.08
結論:	生体濃縮は予期されていない

製品 / 成分	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6

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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* 容器等級

** 環境有害性

追加情報
ADR、IATAおよびIMDGによると危険物ではない。

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。
妊娠中の女性や授乳中の女性はこの製品にさらされないようにする必要がある。ばく露を排除する必要がある作業場のリスク、可能な技術的な予防措置または設計を考慮する必要がある。

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:
どの化学成分も表示されていない。

ソース:
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
H319, 強い眼刺激。

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
職業ばく露限界のある物質の全国リストに記載されている物質はない。
本製品には安全データシートは義務付けられていません。この安全データシートは関連情報を通知するため任意で作成されたものです。

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 데이타 시트

iG.85 patio cleaner

1: 물질/제품과 회사 정보

1.1. 제품 식별명

제품명:
iG.85 patio cleaner

1.2. 제품의 권고 용도와 사용상의 제한

▼물질 또는 혼합물의 적절한 식별 용도:
세제 및 세정제(솔벤트 기반 세제 포함)
전문 사용자 전용.

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. 8. 8.

SDS 버전:
2.0

이전 호 발행일:
2025. 5. 26. (1.0)

1.4. 긴급전화번호
응급의료센터: 1339(24시간 서비스)
섹션 4: 응급조치

2: 유해성·위험성

2.1. 물질 또는 혼합물의 분류

화학 물질 및 물질 안전 보건 자료의 분류 라벨링 표준(MoEL No. 2016-19)에 따라 분류되지 않음.

2.2. 표지 요소

유해 그림문자:
해당사항 없음.

신호어:
해당사항 없음.

유해·위험 문구:

예방조치 문구:

▼일반:
해당사항 없음.

▼예방:
해당사항 없음.

▼대응:
해당사항 없음.

▼저장:
해당사항 없음.

▼폐기:
해당사항 없음.

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	60-80%		
2,2',2''-nitrilotriethanol	CAS번호: 102-71-6 EC: 203-049-8	15-25%		
Neodecanoic acid	CAS번호: 26896-20-8 EC: 248-093-9	10-15%		
alcohol ethoxylate	CAS번호: EC:	5-10%		
potassium (E,E)-hexa-2,4-dienoate	CAS번호: 24634-61-5 EC: 246-376-1	1-3%	Eye Irrit. 2, H319	

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 마십시

오.

흡입했을 때:
불편한 경우: 사람을 신선한 공기가 있는 곳으로 데려가십시오.

피부에 접촉했을 때:
자극 시: 물로 헹굽니다. 자극이 계속되면 의학적 도움을 받으십시오.

눈에 들어갔을 때:
미지근한 물로 부드럽게 헹구십시오. 가능하다면 콘택트렌즈를 제거하십시오. 계속해서 헹구십시오. 눈에 지속적인 자극이나 불편함이 있는 경우: 의사의 진료를 받으십시오.

먹었을 때:
입을 헹구고 씻고 다량의 물을 섭취하십시오. 계속 불편한 경우: 의료 지원을 요청하고 이 물질 안전 보건자료를 가져 가십시오.

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 혼합물로 부터 발생하는 특별한 위험
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
특정한 요구 사항 없음.

6: 누출 사고 시 대처방법

6.1. 인체를 보호하기 위해 필요한 조치 사항 및 보호구
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

임신·수유 기간에는 접촉하지 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)

권장되는 보관재료*:*
원래의 용기에만 보관하시오.

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
작업장 노출 한도가 있는 물질 목록에 있는 물질이 없습니다.

8.2. 노출 관리
불필요한 노출을 방지하려면 일반 통제를 적용하십시오.

일반 권장 사항*:*
작업 구역에서는 흡연, 음주 및 음식 섭취가 금지됩니다.

노출 시나리오*:*
이 제품에 대해 구현된 노출 시나리오가 없습니다.

노출 허용치*:*
이 제품의 물질에 대한 작업장 노출 한계가 정의되지 않았습니다.

적절한 공학적 관리*:*
제품 사용시 표준 예방 조치에 따른다. 수증기 흡입을 피한다.

위생상 주의사항*:*
사용 후 손을 씻으십시오.

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*:*

물질	장갑 두께 (**mm**)	돌파 시간 (분)	표준	
의도한 대로 사용하면 특별하지 않습니다	-	-	-	

눈/안면 보호구*:*

유형	표준	
의도한 대로 사용하면 특별하지 않습니다	-	

9: 물리화학적 특성

9.1. 물리화학적 특성에 관한 정보

물리적 상태:
액체

▼색:
무색

냄새:
특성

냄새 역치 (*ppm*):
자료 없음.

pH:
8.4

비중 (*g/cm³*):
1.05 (20 °C)

점도:
자료 없음.

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:
완전히 용해 가능

분배계수 (*LogKow):*
자료 없음.

지방 용해도(*g/L):*
자료 없음.

9.2. 그 밖의 참고사항

기타 물리적 및 화학적 매개변수*:*
ND: 1.389

산화성*:*
자료 없음.

10: 안정성 및 반응성

10.1. 반응성
자료 없음.

10.2. 화학적 안정성
이 제품은7'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	Neodecanoic acid
생물종:	쥐
노출 경로:	흡입했을 때
시험:	LC50
결과:	> 3 mg/L

제품/성분	Neodecanoic acid
생물종:	토끼
노출 경로:	피부
시험:	LD50
결과:	> 3640 mg/kg

제품/성분	Neodecanoic acid
생물종:	쥐
노출 경로:	경구
시험:	LD50
결과:	2066 mg/kg

제품/성분	Neodecanoic acid
노출 경로:	경구
결과:	2500 mg/kg

제품/성분	potassium (E,E)-hexa-2,4-dienoate

생물종: 쥐
노출 경로: 경구
시험: LD50
결과: 3800 mg/kg

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

자극성/부식성
제품/성분 Neodecanoic acid
결과: 관찰된 부작용 없음 (자극 없음)

제품/성분 potassium (E,E)-hexa-2,4-dienoate
결과: 관찰된 부작용 (자극적)

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

심한 눈 손상/자극
제품/성분 Neodecanoic acid

제품/성분 potassium (E,E)-hexa-2,4-dienoate
결과: 관찰된 부작용 (자극적)

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

호흡기 과민성
제품/성분 Neodecanoic acid
결과: 관찰된 부작용 없음 (민감하지 않음)

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

피부 과민성
사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

생식 세포 변이원성
사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

발암성
사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

생식 독성
사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

특정 표적장기 독성 (1회 노출)
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 Neodecanoic acid
생물종: 조류(藻類), Pseudokirchneriella subcapitata
기간: 72 시간
결과: >100 mg/L

제품/성분 Neodecanoic acid
생물종: 물벼룩, Daphnia magna
기간: 48 시간

결과:	> 1000 mg/L

제품/성분	Neodecanoic acid
생물종:	물고기, Oncorhynchus mykiss
기간:	96 시간
결과:	100-300 mg/L

제품/성분	Neodecanoic acid
생물종:	물벼룩, Daphnia magna
기간:	21 일
결과:	10.1 mg/L

제품/성분	Neodecanoic acid
생물종:	물고기, Oncorhynchus mykiss
기간:	14 일
시험:	NOEC
결과:	2.22 mg/L

제품/성분	Neodecanoic acid
생물종:	물벼룩, Daphnia magna
기간:	21 일
시험:	NOEC
결과:	4.78 mg/L

제품/성분	potassium (E,E)-hexa-2,4-dienoate
실험 방법:	OECD 203
생물종:	물고기, Brachydanio rerio
기간:	96 시간
시험:	LC50
결과:	>500 mg/L

제품/성분	potassium (E,E)-hexa-2,4-dienoate
실험 방법:	OECD 202
생물종:	갑각류, Daphnia magna
기간:	48 시간
시험:	EC50
결과:	982 mg/L

제품/성분	potassium (E,E)-hexa-2,4-dienoate
실험 방법:	OECD 211
생물종:	갑각류, Daphnia magna
기간:	21 일
시험:	LC50
결과:	>50 mg/L

제품/성분	potassium (E,E)-hexa-2,4-dienoate
실험 방법:	OECD 211
생물종:	갑각류, Daphnia magna
기간:	21 일
시험:	EC50
결과:	>50 mg/L

제품/성분	potassium (E,E)-hexa-2,4-dienoate
실험 방법:	OECD 211
생물종:	갑각류, Daphnia magna
기간:	21 일
시험:	NOEC
결과:	50 mg/L

제품/성분	potassium (E,E)-hexa-2,4-dienoate
실험 방법:	OECD 211
생물종:	갑각류, Daphnia magna
기간:	21 일
시험:	LOEC
결과:	>50 mg/L

제품/성분	potassium (E,E)-hexa-2,4-dienoate
실험 방법:	OECD 201
생물종:	조류(藻類), Desmodesmus subspicatus
기간:	72 시간
시험:	EbC50
결과:	1223 mg/L

제품/성분	potassium (E,E)-hexa-2,4-dienoate
실험 방법:	OECD 201
생물종:	조류(藻類), Desmodesmus subspicatus
기간:	72 시간
시험:	ErC50
결과:	221 mg/L

제품/성분	potassium (E,E)-hexa-2,4-dienoate
실험 방법:	OECD 201
생물종:	조류(藻類), Desmodesmus subspicatus
기간:	72 시간
시험:	NOEC
결과:	10,5 mg/L

제품/성분	potassium (E,E)-hexa-2,4-dienoate
실험 방법:	OECD 201
생물종:	조류(藻類), Desmodesmus subspicatus
기간:	72 시간
시험:	LOEC
결과:	21 mg/L

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

12.2. 잔류성 및 분해성

제품/성분	Neodecanoic acid
결론:	쉽게 생분해 가능

제품/성분	potassium (E,E)-hexa-2,4-dienoate
결과:	>95%
결론:	쉽게 생분해 가능

12.3. 생물 농축성

제품/성분	Neodecanoic acid
환경:	담수 퇴적물
기간:	14 일
BCF:	<225
LogKow:	2.08
결론:	생물축적은 예상되지 않음

제품/성분	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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

	14.1 **UN**번호	**14.2** 적정 선적명	**14.3** 범주	**14.4** **PG***	**14.5** **Env****	그 밖의 참고 사항:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* 포장 그룹

** 환경 유해성

추가 정보
ADR, IATA 및 IMDG에 따른 위험물이 아닙니다.

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*:*
전문 사용자 전용.
임산부와 모유 수유는 이 제품에 노출되어서는 안 됩니다. 위험, 가능한 기술적 예방 조치 또는 노출을 제거하는 데 필요한 작업장의 디자인을 고려해야 합니다.

특정 교육에 대한 요구*:*
특정한 요구 사항 없음.

추가 정보*:*
해당사항 없음.

중점관리물질*:*
구성 성분이 나와있지 않습니다

KECI:
Neodecanoic acid 가 나열되어 있습니다.
potassium (E,E)-hexa-2,4-dienoate 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
H319, 눈에 심한 자극을 일으킴.

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
이 제품은 물질 안전 보건자료가 필요하지 않습니다. 관련 정보를 배포하기 위해 이 물질 안전 보건자료는 자발적으로 작성되었습니다.

물질 안전 보건자료가 다음에 의해 확인됨
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

iG.85 patio cleaner

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:
iG.85 patio cleaner

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:
08/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (1.0)

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified according to GHS

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9	10-15%	Acute Tox. 5, H303	
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour:
Characteristic

Odour threshold (ppm):
No data available.

pH:
8.4

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Result: 3800 mg/kg

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

Skin corrosion/irritation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (Not irritating)

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance: Neodecanoic acid

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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: Neodecanoic acid
Species: Algae, Pseudokirchneriella subcapitata
Duration: 72 hours
Result: >100 mg/L

Product/substance: Neodecanoic acid
Species: Daphnia, Daphnia magna
Duration: 48 hours
Result: > 1000 mg/L

Product/substance: Neodecanoic acid
Species: Fish, Oncorhynchus mykiss
Duration: 96 hours

Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

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
H303, May be harmful if swallowed
H319, Causes serious eye irritation.

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

A safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

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

iG.85 patio cleaner

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:
iG.85 patio cleaner

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:
08/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (1.0)

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified according to GHS

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9	10-15%	Acute Tox. 5, H303	
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour:
Characteristic

Odour threshold (ppm):
No data available.

pH:
8.4

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Result: 3800 mg/kg

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

Skin corrosion/irritation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (Not irritating)

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance: Neodecanoic acid

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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: Neodecanoic acid
Species: Algae, Pseudokirchneriella subcapitata
Duration: 72 hours
Result: >100 mg/L

Product/substance: Neodecanoic acid
Species: Daphnia, Daphnia magna
Duration: 48 hours
Result: > 1000 mg/L

Product/substance: Neodecanoic acid
Species: Fish, Oncorhynchus mykiss
Duration: 96 hours

Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

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
H303, May be harmful if swallowed
H319, Causes serious eye irritation.

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

A safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

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

iG.85 patio cleaner

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

1.1. Product identifier

Trade name:
iG.85 patio cleaner

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:
08/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (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

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP).

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:

Not applicable.

Hazard statement(s):
Not applicable.

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

Hazardous substances:
Does not contain any substances required to report

▼*Additional labelling:*
EUH210, Safety data sheet available on request.
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9 REACH: Index No.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1 REACH: Index No.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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. 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:*
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

▼*Eye contact:*
Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

▼*Ingestion:*
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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

Avoid contact during pregnancy and while nursing.
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

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 in the national list of substances with an occupational exposure limit.

DNEL

Neodecanoic acid

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	17.5 mg/kg bw/day
Long term – Systemic effects - General population	Dermal	1.06 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	29 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	7.4 mg/kg bw/day
Long term – Local effects - General population	Inhalation	6.52 mg/m³
Long term – Systemic effects - General population	Inhalation	25.79 mg/m³
Long term – Systemic effects - Workers	Inhalation	86 mg/m³
Long term – Systemic effects - Workers	Inhalation	22.04 mg/m³
Long term – Systemic effects - General population	Oral	17.5 mg/kg bw/day
Long term – Systemic effects - General population	Oral	1.88 mg/kg bw/day

potassium (E,E)-hexa-2,4-dienoate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	170 µg/cm²
Long term – Systemic effects - General population	Dermal	20 mg/kg/day
Long term – Systemic effects - General population	Dermal	20 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	40 mg/kg/day
Long term – Systemic effects - Workers	Dermal	40 mg/kg bw/day
Long term – Local effects - General population	Inhalation	26.08 mg/m³
Long term – Systemic effects - General population	Inhalation	52,17 mg/m³
Long term – Systemic effects - General population	Inhalation	52.17 mg/m³

Long term – Systemic effects - Workers	Inhalation	17,63 mg/m³
Long term – Systemic effects - Workers	Inhalation	17.63 mg/m³
Long term – Systemic effects - General population	Oral	2 mg/kg/day
Long term – Systemic effects - General population	Oral	2 mg/kg bw/day

PNEC

Neodecanoic acid

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		110 µg/L
Freshwater		0.478 mg/L
Marine water		11 µg/L
Marine water		0.0478 mg/L
Predators		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0,00048 g/cm³
Freshwater		1 mg/L
Freshwater sediment		0,00173 g/cm³
Freshwater sediment		3.6 mg/kg
Intermittent release (freshwater)		0.48 mg/L
Marine water		0,000048 g/cm³
Marine water		100 µg/L
Marine water sediment		0,000173 g/cm³
Marine water sediment		360 µg/kg
Sewage treatment plant		0,01 g/cm³
Sewage treatment plant		10 mg/L
Soil		0,00167 g/cm³
Soil		1.67 mg/kg
Soil		0.276 mg/kg

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:*

Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour / Odour threshold:
Characteristic

pH:
8.4

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50

Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3800 mg/kg

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

Skin corrosion/irritation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (Not irritating)

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance	Neodecanoic acid

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	Neodecanoic acid
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Result:	>100 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	> 1000 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50

Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education:
No specific requirements.

SEVESO - Categories / dangerous substances:
Not applicable.

Additional information:
Not applicable.

Sources:
Protection Of Maternity At Work Places Regulations, 1st January 2001 (Subsidiary Legislation 424.11)
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

H319, Causes serious eye irritation.

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

In accordance with Article 31 of REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required under Article 32 of REACH.

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: MT-en

HELAIAN DATA KESELAMATAN

iG.85 patio cleaner

BAHAGIAN 1: PENGENALAN BAHAN KIMIA DAN PEMBEKAL

1.1. Pengecam produk

Nama dagang:
iG.85 patio cleaner

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:
8/08/2025

Versi SDS:
2.0

Tarikh Keluaran Terdahulu:
26/05/2025 (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

Tidak dikelaskan mengikut Tataamalan Industri pada Pengelasan Bahan Kimia dan Komunikasi Hazard (ICOP).

2.2. Unsur label

Piktogram bahaya:
Tidak berkenaan.

Kata isyarat:
Tidak berkenaan.

Pernyataan bahaya:

Tidak berkenaan.

Pernyataan berjaga-jaga:

▼*Am:*
Tidak berkenaan.

▼*Pencegahan:*
Tidak berkenaan.

▼*Tindakbalas:*
Tidak berkenaan.

▼*Penyimpanan:*
Tidak berkenaan.

▼*Pelupusan:*
Tidak berkenaan.

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
Neodecanoic acid	CAS: 26896-20-8 EC: 248-093-9	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS: 24634-61-5 EC: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
Sekiranya rasa tidak selesa: alihkan orang itu ke kawasan berudara segar.

Terkena kulit:
Apabila kerengsaan: bilas dengan air. Sekiranya kerengsaan berterusan, dapatkan bantuan perubatan.

Terkena mata:
Bilas perlahan-lahan dengan air suam. Tanggalkan sebarang kanta sentuh jika ini mudah dilakukan. Teruskan membilas. Sekiranya kerengsaan mata atau ketidakselesaan berterusan: Dapatkan bantuan perubatan.

Tertelan:
Bilas dan cuci mulut dengan teliti dan gunakan kuantiti air yang banyak. Sekiranya ketidakselesaan berterusan: dapatkan bantuan perubatan dan bawa data keselamatan ini.

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
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 / CO2)
Beberapa oksida logam

5.3. Nasihat untuk ahli bomba
Tiada keperluan khusus.

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, pembetung, 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
Elakkan daripada terkena bahan semasa hamil/menyusukan anak.
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

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
2,2',2''-nitrilotriethanol
Had pendedahan jangka panjang (8 jam) (mg/m³): 5

PERATURAN-PERATURAN KESELAMATAN DAN KESIHATAN PEKERJAAN (PENGGUNAAN 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:
Basuh tangan selepas digunakan.

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	-	-	

Disyorkan	Jenis / Kategori	Standard	
dimaksudkan			

Perlindungan tangan:

Bahan	Ketebalan sarung tangan (mm)	Masa penembusan (min.)	Standard	
Tidak khas apabila digunakan seperti yang dimaksudkan	-	-	-	

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:*
Nir-warna

Bau:
Ciri

Ambang bau (ppm):
Tiada data yang tersedia.

pH:
8.4

Ketumpatan (g/cm³):
1.05 (20 °C)

Kelikatan:
Tiada data yang tersedia.

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:
Larut sepenuhnya

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:
ND: 1.389

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	Neodecanoic acid
Spesis:	Tikus
Laluan pendedahan:	Penyedutan
Ujian:	LC50
Keputusan:	> 3 mg/L

Produk/bahan	Neodecanoic acid
Spesis:	Arnab
Laluan pendedahan:	Kulit
Ujian:	LD50

Keputusan:	> 3640 mg/kg

Produk/bahan	Neodecanoic acid
Spesis:	Tikus
Laluan pendedahan:	Oral
Ujian:	LD50
Keputusan:	2066 mg/kg

Produk/bahan	Neodecanoic acid
Laluan pendedahan:	Oral
Keputusan:	2500 mg/kg

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Spesis:	Tikus
Laluan pendedahan:	Oral
Ujian:	LD50
Keputusan:	3800 mg/kg

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Kakisan/kerengsaan Kulit

Produk/bahan	Neodecanoic acid
Keputusan:	Tiada kesan buruk yang diperhatikan (Tidak merengsakan)

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Keputusan:	Kesan buruk yang diperhatikan (Merengsakan)

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Kerosakan/kerengsaan mata yang serius

Produk/bahan	Neodecanoic acid

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Keputusan:	Kesan buruk yang diperhatikan (Merengsakan)

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Pemekaan pernafasan

Produk/bahan	Neodecanoic acid
Keputusan:	Tiada kesan buruk yang diperhatikan (tidak memekatkan)

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Pemekaan kulit

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Kemutagenan sel germa

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Kekarsinogenan

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.
2,2',2''-nitrilotriethanol: Bahan ini dikelaskan oleh IARC sebagai kumpulan 3.

Ketoksikan pembiakan

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Ketoksikan organ sasaran khusus (pendedahan tunggal)

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	Neodecanoic acid
Spesis:	Alga, Pseudokirchneriella subcapitata
Tempoh:	72 jam
Keputusan:	>100 mg/L

Produk/bahan	Neodecanoic acid
Spesis:	Dafnia, Daphnia magna
Tempoh:	48 jam
Keputusan:	> 1000 mg/L

Produk/bahan	Neodecanoic acid
Spesis:	Ikan, Oncorhynchus mykiss
Tempoh:	96 jam
Keputusan:	100-300 mg/L

Produk/bahan	Neodecanoic acid
Spesis:	Dafnia, Daphnia magna
Tempoh:	21 hari
Keputusan:	10.1 mg/L

Produk/bahan	Neodecanoic acid
Spesis:	Ikan, Oncorhynchus mykiss
Tempoh:	14 hari
Ujian:	NOEC
Keputusan:	2.22 mg/L

Produk/bahan	Neodecanoic acid
Spesis:	Dafnia, Daphnia magna
Tempoh:	21 hari
Ujian:	NOEC
Keputusan:	4.78 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Kaedah ujian:	OECD 203
Spesis:	Ikan, Brachydanio rerio
Tempoh:	96 jam
Ujian:	LC50
Keputusan:	>500 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Kaedah ujian:	OECD 202
Spesis:	Krustasia, Daphnia magna
Tempoh:	48 jam
Ujian:	EC50
Keputusan:	982 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Kaedah ujian:	OECD 211
Spesis:	Krustasia, Daphnia magna
Tempoh:	21 hari
Ujian:	LC50
Keputusan:	>50 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate

Kaedah ujian:	OECD 211
Spesis:	Krustasia, Daphnia magna
Tempoh:	21 hari
Ujian:	EC50
Keputusan:	>50 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Kaedah ujian:	OECD 211
Spesis:	Krustasia, Daphnia magna
Tempoh:	21 hari
Ujian:	NOEC
Keputusan:	50 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Kaedah ujian:	OECD 211
Spesis:	Krustasia, Daphnia magna
Tempoh:	21 hari
Ujian:	LOEC
Keputusan:	>50 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Kaedah ujian:	OECD 201
Spesis:	Alga, Desmodesmus subspicatus
Tempoh:	72 jam
Ujian:	EbC50
Keputusan:	1223 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Kaedah ujian:	OECD 201
Spesis:	Alga, Desmodesmus subspicatus
Tempoh:	72 jam
Ujian:	ErC50
Keputusan:	221 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Kaedah ujian:	OECD 201
Spesis:	Alga, Desmodesmus subspicatus
Tempoh:	72 jam
Ujian:	NOEC
Keputusan:	10,5 mg/L

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Kaedah ujian:	OECD 201
Spesis:	Alga, Desmodesmus subspicatus
Tempoh:	72 jam
Ujian:	LOEC
Keputusan:	21 mg/L

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

12.2. Ketegaran dan keterdegradan

Produk/bahan	Neodecanoic acid
Kesimpulan:	Mudah terbiodegradasi

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
Keputusan:	>95%
Kesimpulan:	Mudah terbiodegradasi

12.3. Keupayaan biopengumpulan

Produk/bahan	Neodecanoic acid
Persekitaran:	Sedimen air tawar
Tempoh:	14 hari

BCF:	<225
LogKow:	2.08
Kesimpulan:	Biopengumpulan tidak dijangka

Produk/bahan	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Kumpulan Pembungkusan

** Bahaya Alam Sekitar

Maklumat tambahan
Barangan tidak berbahaya menurut ADR, IATA dan IMDG.

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.
Ibu hamil dan wanita menyusukan tidak boleh didedahkan kepada produk ini. Risiko, dan langkah berjaga-jaga teknikal atau reka bentuk tempat kerja yang diperlukan untuk menghapuskan pendedahan, mestilah dipertimbangkan.

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):
2,2',2''-nitrilotriethanol disenaraikan
Neodecanoic acid disenaraikan

Sumber:
AKTA KESELAMATAN DAN KESIHATAN PEKERJAAN 1994
Peraturan-peraturan Keselamatan dan Kesihatan Pekerjaan (Pengelasan, Pelabelan dan Helaian 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
H319, Menyebabkan kerengsaan mata yang serius.

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

iG.85 patio cleaner

RUBRIEK 1: IDENTIFICATIE VAN DE STOF OF HET MENGSEL EN VAN DE VENNOOTSCHAP/ONDERNEMING

1.1. Productidentificatie

Handelsnaam:
iG.85 patio cleaner

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:
08-08-2025

SDS-versie:
2.0

Datum vorige uitgave:
26-05-2025 (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

2.1. Indeling van de stof of het mengsel

Niet geclassificeerd volgens de Verordening (EG) Nr.1272/2008 (CLP).

2.2. Etiketteringselementen

Gevarenpictogram(men):
Niet van toepassing.

Signaalwoord:
Niet van toepassing.

Gevarenaanduidingen:
Niet van toepassing.

Veiligheidsaanbevelingen:

▼*Algemeen:*
Niet van toepassing.

▼*Preventie:*
Niet van toepassing.

▼*Reactie:*
Niet van toepassing.

▼*Opslag:*
Niet van toepassing.

▼*Verwijdering:*
Niet van toepassing.

Stoffen waarvoor meldingsplicht geldt:
Bevat geen informatieplichtige stoffen

▼*Andere opmerkingen:*
EUH210, Veiligheidsinformatieblad op verzoek verkrijgbaar.
Niet van toepassing.

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.
Neodecanoic acid	CAS Nr.: 26896-20-8 EG Nr: 248-093-9 REACH: Catalogusnr.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS Nr.: 24634-61-5 EG Nr: 246-376-1 REACH: Catalogusnr.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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:*
Bij onwel voelen: Breng de persoon naar de frisse lucht.

Bij huidcontact:
Bij irritatie: Was het product eraf. Bij aanhoudende irritatie: Ga naar een arts.

▼*Bij oogcontact:*
Spoel voorzichtig met lauwwarm water. Verwijder contactlenzen als dit gemakkelijk kan worden gedaan. Blijf spoelen. In geval van aanhoudende irritatie van de ogen of ongemak: roep medische hulp in.

▼*Bij inslikken:*
Spoel de mond en drink veel water. Bij aanhoudend onwel voelen: ga naar een arts en laat dit veiligheidsgegevensblad zien.

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
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 / CO2)
Enkele metaaloxiden

5.3. Advies voor brandweerlieden
Geen bijzondere eisen.

RUBRIEK 6: MAATREGELEN BIJ HET ACCIDENTEEL VRIJKOMEN VAN DE STOF OF HET MENGSEL

6.1. Persoonlijke voorzorgsmaatregelen, beschermingsmiddelen en noodprocedures
Verontreinigde gebieden kunnen glad zijn.

6.2. Milieuvoorzorgsmaatregelen

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
Bij zwangerschap of borstvoeding aanraking vermijden.
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

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
Het product bevat geen stoffen die voorkomen op de Nederlandse lijst met stoffen met een blootstellingsgrens op de werkvloer.

DNEL
Neodecanoic acid

Duur:	Blootstellingsroute:	DNEL:
Lange termijn - Lokale effecten - Algehele populatie	Inademing	6.52 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Inademing	25.79 mg/m³
Lange termijn - Systemische effecten - Arbeiders	Inademing	86 mg/m³
Lange termijn - Systemische effecten - Arbeiders	Inademing	22.04 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Oraal	17.5 mg/kg bw/dag
Lange termijn - Systemische effecten - Algehele populatie	Oraal	1.88 mg/kg bw/dag
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	17.5 mg/kg bw/dag
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	1.06 mg/kg bw/dag
Lange termijn - Systemische effecten - Arbeiders	Via de huid	29 mg/kg bw/dag
Lange termijn - Systemische effecten - Arbeiders	Via de huid	7.4 mg/kg bw/dag

potassium (E,E)-hexa-2,4-dienoate

Duur:	Blootstellingsroute:	DNEL:
Lange termijn - Lokale effecten - Algehele populatie	Inademing	26.08 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Inademing	52,17 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Inademing	52.17 mg/m³
Lange termijn - Systemische effecten - Arbeiders	Inademing	17,63 mg/m³
Lange termijn - Systemische effecten - Arbeiders	Inademing	17.63 mg/m³
Lange termijn - Systemische effecten - Algehele populatie	Oraal	2 mg/kg/d
Lange termijn - Systemische effecten - Algehele populatie	Oraal	2 mg/kg bw/dag
Lange termijn - Lokale effecten - Algehele populatie	Via de huid	170 µg/cm²
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	20 mg/kg/d
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	20 mg/kg bw/dag
Lange termijn - Systemische effecten - Arbeiders	Via de huid	40 mg/kg/d
Lange termijn - Systemische effecten - Arbeiders	Via de huid	40 mg/kg bw/dag

PNEC

Neodecanoic acid

Blootstellingsroute:	Blootstellingsduur:	PNEC:
Predatoren		16.7 mg/kg
Zeewater		11 µg/L
Zeewater		0.0478 mg/L
Zoet water		110 µg/L
Zoet water		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Blootstellingsroute:	Blootstellingsduur:	PNEC:
Aarde		0,00167 g/cm³
Aarde		1.67 mg/kg
Aarde		0.276 mg/kg
Afvalwaterzuiveringsinstallatie		0,01 g/cm³
Afvalwaterzuiveringsinstallatie		10 mg/L
Intermitterende vrijlating (zoet water)		0.48 mg/L
Zeewater		0,000048 g/cm³
Zeewater		100 µg/L
Zeewatersediment		0,000173 g/cm³
Zeewatersediment		360 µg/kg
Zoet water		0,00048 g/cm³
Zoet water		1 mg/L
Zoetwatersediment		0,00173 g/cm³
Zoetwatersediment		3.6 mg/kg

8.2. ▼Maatregelen ter beheersing van blootstelling

Pas algemene controle toe om onnodige blootstelling te voorkomen.

Algemene gedragslijnen:

Roken, eten en drinken is niet toegestaan in arbeidslokalen.

Blootstellingsscenario's:

Er zijn geen blootstellingsscenario's geïmplementeerd voor dit product.

Blootstellingslimieten:
Er zijn exponeringsgrenzen voor de stoffen uit dit product gevonden.

Technische maatregelen:
Wees voorzichtig bij het gebruik van het product. Vermijd de inademing van dampen.

▼*Hygiënische maatregele:*
Was de handen na gebruik.

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:

Materiaal	Minimale laagdikte (mm)	Doorbraaktijd (min.)	Normen	
Geen bijzondere bij normaal doelbewust gebruik	-	-	-	

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:*
Kleurloos

Geur / Geurdrempelwaarde (ppm):
Karakteristiek

pH:
8.4

Soortelijk gewicht (g/cm^3):
1,05 (20 °C)

Kinematische viscositeit:
Geen gegevens beschikbaar.

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:
Volledig oplosbaar

n-octanol/water coëfficient (LogKow):
Geen gegevens beschikbaar.

Oplosbaarheid in vet (g/L):
Geen gegevens beschikbaar.

9.2. Overige informatie

Andere fysische en chemische parameters:
ND: 1.389

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	Neodecanoic acid
Soorten:	Rat
Blootstellingsroute:	Inademing
Test:	LC50
Resultaat:	> 3 mg/L

Product / ingrediënt	Neodecanoic acid
Soorten:	Konijn
Blootstellingsroute:	Via de huid
Test:	LD50
Resultaat:	> 3640 mg/kg

Product / ingrediënt	Neodecanoic acid
Soorten:	Rat
Blootstellingsroute:	Oraal
Test:	LD50
Resultaat:	2066 mg/kg

Product / ingrediënt	Neodecanoic acid
Blootstellingsroute:	Oraal
Resultaat:	2500 mg/kg

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Soorten:	Rat
Blootstellingsroute:	Oraal
Test:	LD50
Resultaat:	3800 mg/kg

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Huidcorrosie/-irritatie

Product / ingrediënt	Neodecanoic acid
Resultaat:	Geen schadelijke effecten waargenomen (Niet irriterend)

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Resultaat:	Schadelijke effecten waargenomen (Irriterend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Ernstig oogletsel/oogirritatie

Product / ingrediënt	Neodecanoic acid

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Resultaat:	Schadelijke effecten waargenomen (Irriterend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Sensibilisatie van de luchtwegen

Product / ingrediënt	Neodecanoic acid
Resultaat:	Geen schadelijke effecten waargenomen (niet sensibiliserend)

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Sensibilisatie van de huid

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

Mutageniteit in geslachtscellen

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
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
Niet bekend.

RUBRIEK 12: ECOLOGISCHE INFORMATIE

12.1. Toxiciteit

Product / ingrediënt	Neodecanoic acid
Soorten:	Algen, Pseudokirchneriella subcapitata
Duur:	72 uur
Resultaat:	>100 mg/L

Product / ingrediënt	Neodecanoic acid
Soorten:	Watervlo, Daphnia magna
Duur:	48 uur
Resultaat:	> 1000 mg/L

Product / ingrediënt	Neodecanoic acid
Soorten:	Vis, Oncorhynchus mykiss
Duur:	96 uur
Resultaat:	100-300 mg/L

Product / ingrediënt	Neodecanoic acid
Soorten:	Watervlo, Daphnia magna
Duur:	21 dagen
Resultaat:	10.1 mg/L

Product / ingrediënt	Neodecanoic acid
Soorten:	Vis, Oncorhynchus mykiss
Duur:	14 dagen
Test:	NOEC
Resultaat:	2.22 mg/L

Product / ingrediënt	Neodecanoic acid
Soorten:	Watervlo, Daphnia magna
Duur:	21 dagen
Test:	NOEC
Resultaat:	4.78 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 203

Soorten:	Vis, Brachydanio rerio
Duur:	96 uur
Test:	LC50
Resultaat:	>500 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 202
Soorten:	Schaaldier, Daphnia magna
Duur:	48 uur
Test:	EC50
Resultaat:	982 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 211
Soorten:	Schaaldier, Daphnia magna
Duur:	21 dagen
Test:	LC50
Resultaat:	>50 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 211
Soorten:	Schaaldier, Daphnia magna
Duur:	21 dagen
Test:	EC50
Resultaat:	>50 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 211
Soorten:	Schaaldier, Daphnia magna
Duur:	21 dagen
Test:	NOEC
Resultaat:	50 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 211
Soorten:	Schaaldier, Daphnia magna
Duur:	21 dagen
Test:	LOEC
Resultaat:	>50 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 201
Soorten:	Algen, Desmodesmus subspicatus
Duur:	72 uur
Test:	EbC50
Resultaat:	1223 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 201
Soorten:	Algen, Desmodesmus subspicatus
Duur:	72 uur
Test:	ErC50
Resultaat:	221 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 201
Soorten:	Algen, Desmodesmus subspicatus
Duur:	72 uur
Test:	NOEC
Resultaat:	10,5 mg/L

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Testmethode:	OESO 201
Soorten:	Algen, Desmodesmus subspicatus
Duur:	72 uur
Test:	LOEC
Resultaat:	21 mg/L

Gebaseerd op beschikbare gegevens; aan de indelingscriteria is niet voldaan.

12.2. Persistentie en afbreekbaarheid

Product / ingrediënt	Neodecanoic acid
Conclusie:	Gemakkelijk biologisch afbreekbaar

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
Resultaat:	>95%
Conclusie:	Gemakkelijk biologisch afbreekbaar

12.3. Bioaccumulatie

Product / ingrediënt	Neodecanoic acid
Milieucompartiment:	Zoetwatersediment
Duur:	14 dagen
BCF:	<225
LogKow:	2.08
Conclusie:	Bioaccumulatie wordt niet verwacht

Product / ingrediënt	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 Transportgevarenklasse(n)	14.4 PG*	14.5. Env**	Andere informatie:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-

	14.1 VN	14.2 Juiste ladingnaam van de VN	14.3 Transportgevarenklasse(n)	14.4 PG*	14.5. Env**	Andere informatie:
IATA	-	-	-	-	-	-

* Verpakkingsgroep

** Milieugevaren

Overig

Geen gevaarlijke goederen volgens ADR, IATA en IMDG.

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.
Zwangere en zogende vrouwen mogen niet worden blootgesteld aan de invloeden van het product. Om zulke invloeden tegen te gaan zou de werkplek van een technische installatie of inrichting moeten worden voorzien.

Eisen t.o.v. speciale opleidingen:

Geen bijzondere eisen.

SEVESO - Gevarencategorieën / Gevaarlijke stoffen:

Niet van toepassing.

Overig:

Niet van toepassing.

Bronnen:

Arbeidsomstandighedenwet 1998 en laatste Arbeidsomstandighedenbesluit 01-01-2021.
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

H319, Veroorzaakt ernstige oogirritatie.

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 Cataloog
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 protoclol 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 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 Bioaccummulatief

▼Overig

In overeenstemming met artikel 31 van REACH is er geen veiligheidsinformatieblad vereist voor dit product. Dit veiligheidsinformatieblad is vrijwillig aangemaakt om relevante informatie te verstrekken zoals vereist door Artikel 32 van REACH.

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

iG.85 patio cleaner

AVSNITT 1: IDENTIFIKASJON AV STOFFET/STOFFBLANDINGEN OG AV SELSKAPET/FORETAKET

1.1. Produktidentifikator

Handelsnavn:
iG.85 patio cleaner

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:
08.08.2025

SDS Versjon:
2.0

Dato for forrige utgave:
26.05.2025 (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

2.1. Klassifisering av stoffet eller stoffblandingen

Ikke klassifisert i henhold til CLP-forskriften.

2.2. Merkingselementer

Farepiktogram:
Ikke relevant.

Varselord:

Ikke relevant.

Faresetninger:
Ikke relevant.

Sikkerhetssetning(er):

▼*Generelt:*
Ikke relevant.

▼*Forebygging:*
Ikke relevant.

▼*Tiltak:*
Ikke relevant.

▼*Oppbevaring:*
Ikke relevant.

▼*Disponering:*
Ikke relevant.

Inneholder:
Inneholder ingen opplysningspliktige stoffer

▼*Annen merkning:*
EUH210, Sikkerhetsdatablad er tilgjengelig på anmodning.
Ikke relevant.

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 delegerte 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.
Neodecanoic acid	CAS-nr.: 26896-20-8 EF-nr.: 248-093-9 REACH: Indeksnr.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS-nr.: 24634-61-5 EF-nr.: 246-376-1 REACH: Indeksnr.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 ubehag: Bring personen ut i frisk luft.

Hudkontakt:
Ved irritasjon: vask av produktet. Ved fortsatt irritasjon: Oppsøk lege.

▼*Øyekontakt:*
Skyll forsiktig med lunkent vann. Fjern eventuelle kontaktlinser dersom dette enkelt lar seg gjøre. Fortsett skyllingen. Ved vedvarende øyeirritasjon eller ubehag: Søk legehjelp)

▼*Svelging:*
Skyll munnen grundig og drikk rikelig med vann. Ved vedvarende ubehag: oppsøk lege og vis dette sikkerhetsdatabladet.

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. Slokkingsmidler
Ikke relevant.

5.2. Særlige farer knyttet til stoffet eller stoffblandingen
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 brannslokking 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 / CO2)
Noen metalloksider

5.3. Råd til brannmannskaper
Ingen spesielle krav.

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: HÅNDTERING OG LAGRING

7.1. Forsiktighetsregler for sikker håndtering
Unngå kontakt under graviditet og amming.
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

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. Kontrollparametrer
2,2',2''-nitrilotriethanol
Grenseverdi (8 timer) (mg/m³): 5

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

2,2',2''-nitrilotriethanol

Varighet:	Opptaksvei:	DNEL:
Langsiktig – Systemiske effekter - Arbeidere	Dermal	6.3 mg/kg bw/day
Langsiktig – Systemiske effekter - Befolkningen generelt	Dermal	3.1 mg/kg bw/day
Langsiktig – Lokaleffekter - Arbeidere	Innånding	1,25 mg/m³
Langsiktig – Lokaleffekter - Arbeidere	Innånding	5 mg/m³
Langsiktig – Systemiske effekter - Arbeidere	Innånding	5 mg/m³
Langsiktig – Systemiske effekter - Befolkningen generelt	Innånding	1.25 mg/m³
Langsiktig – Systemiske effekter - Befolkningen generelt	Oral	3.1 mg/kg bw/day

Neodecanoic acid

Varighet:	Opptaksvei:	DNEL:
Langsiktig – Systemiske effekter - Arbeidere	Dermal	29 mg/kg bw/day
Langsiktig – Systemiske effekter - Arbeidere	Dermal	7.4 mg/kg bw/day
Langsiktig – Systemiske effekter - Befolkningen generelt	Dermal	17.5 mg/kg bw/day
Langsiktig – Systemiske effekter - Befolkningen generelt	Dermal	1.06 mg/kg bw/day
Langsiktig – Lokaleffekter - Befolkningen generelt	Innånding	6.52 mg/m³

Langsiktig – Systemiske effekter - Arbeidere	Innånding	86 mg/m³
Langsiktig – Systemiske effekter - Arbeidere	Innånding	22.04 mg/m³
Langsiktig – Systemiske effekter - Befolkningen generelt	Innånding	25.79 mg/m³
Langsiktig – Systemiske effekter - Befolkningen generelt	Oral	17.5 mg/kg bw/day
Langsiktig – Systemiske effekter - Befolkningen generelt	Oral	1.88 mg/kg bw/day

potassium (E,E)-hexa-2,4-dienoate

Varighet:	**Opptaksvei:**	**DNEL:**
Langsiktig – Lokaleffekter - Befolkningen generelt	Dermal	170 µg/cm²
Langsiktig – Systemiske effekter - Arbeidere	Dermal	40 mg/kg/day
Langsiktig – Systemiske effekter - Arbeidere	Dermal	40 mg/kg bw/day
Langsiktig – Systemiske effekter - Befolkningen generelt	Dermal	20 mg/kg/day
Langsiktig – Systemiske effekter - Befolkningen generelt	Dermal	20 mg/kg bw/day
Langsiktig – Lokaleffekter - Befolkningen generelt	Innånding	26.08 mg/m³
Langsiktig – Systemiske effekter - Arbeidere	Innånding	17,63 mg/m³
Langsiktig – Systemiske effekter - Arbeidere	Innånding	17.63 mg/m³
Langsiktig – Systemiske effekter - Befolkningen generelt	Innånding	52,17 mg/m³
Langsiktig – Systemiske effekter - Befolkningen generelt	Innånding	52.17 mg/m³
Langsiktig – Systemiske effekter - Befolkningen generelt	Oral	2 mg/kg/day
Langsiktig – Systemiske effekter - Befolkningen generelt	Oral	2 mg/kg bw/day

PNEC

2,2',2''-nitrilotriethanol

Opptaksvei:	**Eksponeringens varighet:**	**PNEC:**
Ferskvann		320 µg/L
Ferskvannssediment		1.7 mg/kg
Havvann		32 µg/L
Havvannssediment		170 µg/kg
Jord		151 µg/kg
Periodisk utslipp (ferskvann)		5.12 mg/L
Renseanlegg		10 mg/L

Neodecanoic acid

Opptaksvei:	**Eksponeringens varighet:**	**PNEC:**
Ferskvann		110 µg/L
Ferskvann		0.478 mg/L
Havvann		11 µg/L
Havvann		0.0478 mg/L
Rovdyr		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Opptaksvei:	**Eksponeringens varighet:**	**PNEC:**
Ferskvann		0,00048 g/cm³
Ferskvann		1 mg/L
Ferskvannssediment		0,00173 g/cm³
Ferskvannssediment		3.6 mg/kg

Havvann		0,000048 g/cm³
Havvann		100 µg/L
Havvannssediment		0,000173 g/cm³
Havvannssediment		360 µg/kg
Jord		0,00167 g/cm³
Jord		1.67 mg/kg
Jord		0.276 mg/kg
Periodisk utslipp (ferskvann)		0.48 mg/L
Renseanlegg		0,01 g/cm³
Renseanlegg		10 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:*
Vask hender etter bruk.

Begrensning av eksponering av mijøet:
Ingen spesielle krav.

Individuelle vernetiltak

Generelt:
Benytt utelukkende CE-merket verneutstyr.

Åndedrettsvern:

Type	Klasse	Farge	Standarder	
Ingen spesielle ved normal tilsiktet bruk.				

Kroppsvern:

Anbefalt	Type/Kategori	Standarder	
Ingen spesielle ved normal tilsiktet bruk.	-	-	

Håndvern:

Materiale	Hansketykkelse (mm)	Gjennomtrengningstid (min.)	Standarder	
Ingen spesielle ved normal tilsiktet bruk	-	-	-	

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:*
Fargeløs

Lukt / Luktterskel (ppm):
Karakteristisk

pH:
8.4

Tetthet (g/cm³):
1,05 (20 °C)

Kinematisk viskositet:
Ingen data tilgjengelige.

Partikkelegenskaper:
Ikke relevant - produktet er en væske

Tilstandsendring 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 damptetthet:
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:
Fullt oppløselig

Fordelingskoeffisient (n-octanol/vann) (LogKow):
Ingen data tilgjengelige.

Løselighet i fett (g/L):
Ingen data tilgjengelige.

9.2. Andre opplysninger

Andre fysiske og kjemiske parametrer:
ND: 1.389

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	Neodecanoic acid
Art:	Rotte
Opptaksvei:	Innånding
Test:	LC50
Resultat:	> 3 mg/L

Produkt/bestanddel	Neodecanoic acid
Art:	Kanin
Opptaksvei:	Dermal
Test:	LD50
Resultat:	> 3640 mg/kg

Produkt/bestanddel	Neodecanoic acid
Art:	Rotte
Opptaksvei:	Oral
Test:	LD50
Resultat:	2066 mg/kg

Produkt/bestanddel	Neodecanoic acid
Opptaksvei:	Oral
Resultat:	2500 mg/kg

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Art:	Rotte
Opptaksvei:	Oral
Test:	LD50
Resultat:	3800 mg/kg

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Hudetsing/hudirritasjon

Produkt/bestanddel	Neodecanoic acid

Resultat:	Ingen negative effekter observert (Ingen irritasjon)

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Resultat:	Negative effekter observert (Irritasjon)

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Alvorlig øyeskade/øyeirritasjon

Produkt/bestanddel	Neodecanoic acid

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Resultat:	Negative effekter observert (Irritasjon)

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Sensibilisering ved innånding

Produkt/bestanddel	Neodecanoic acid
Resultat:	Ingen negative effekter observert (ikke sensibiliserende)

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Sensibilisering ved hudkontakt

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Arvestoffskadelig virkning på kjønnsceller

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Kreftframkallende egenskaper

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Reproduksjonstoksisitet

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

STOT, enkelteksponering

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

Blandingen/produktet inneholder ingen stoffer som anses å ha hormonforstyrrende egenskaper som kan påvirke helsen.

Andre opplysninger

2,2',2''-nitrilotriethanol: Dette stoffet har blitt klassifisert som kreftfremkallende i gruppe 3 av IARC.

AVSNITT 12: ØKOLOGISKE OPPLYSNINGER

12.1. Giftighet

Produkt/bestanddel	Neodecanoic acid
Art:	Alge, Pseudokirchneriella subcapitata
Varighet:	72 timer
Resultat:	>100 mg/L

Produkt/bestanddel	Neodecanoic acid
Art:	Vannloppe, Daphnia magna
Varighet:	48 timer
Resultat:	> 1000 mg/L

Produkt/bestanddel	Neodecanoic acid

Art:	Fisk, Oncorhynchus mykiss
Varighet:	96 timer
Resultat:	100-300 mg/L

Produkt/bestanddel	Neodecanoic acid
Art:	Vannloppe, Daphnia magna
Varighet:	21 dager
Resultat:	10.1 mg/L

Produkt/bestanddel	Neodecanoic acid
Art:	Fisk, Oncorhynchus mykiss
Varighet:	14 dager
Test:	NOEC
Resultat:	2.22 mg/L

Produkt/bestanddel	Neodecanoic acid
Art:	Vannloppe, Daphnia magna
Varighet:	21 dager
Test:	NOEC
Resultat:	4.78 mg/L

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Testmetode:	OECD 203
Art:	Fisk, Brachydanio rerio
Varighet:	96 timer
Test:	LC50
Resultat:	>500 mg/L

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Testmetode:	OECD 202
Art:	Krepsdyr, Daphnia magna
Varighet:	48 timer
Test:	EC50
Resultat:	982 mg/L

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Testmetode:	OECD 211
Art:	Krepsdyr, Daphnia magna
Varighet:	21 dager
Test:	LC50
Resultat:	>50 mg/L

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Testmetode:	OECD 211
Art:	Krepsdyr, Daphnia magna
Varighet:	21 dager
Test:	EC50
Resultat:	>50 mg/L

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Testmetode:	OECD 211
Art:	Krepsdyr, Daphnia magna
Varighet:	21 dager
Test:	NOEC
Resultat:	50 mg/L

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Testmetode:	OECD 211
Art:	Krepsdyr, Daphnia magna
Varighet:	21 dager
Test:	LOEC

Resultat:	>50 mg/L

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Testmetode:	OECD 201
Art:	Alge, Desmodesmus subspicatus
Varighet:	72 timer
Test:	EbC50
Resultat:	1223 mg/L

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Testmetode:	OECD 201
Art:	Alge, Desmodesmus subspicatus
Varighet:	72 timer
Test:	ErC50
Resultat:	221 mg/L

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Testmetode:	OECD 201
Art:	Alge, Desmodesmus subspicatus
Varighet:	72 timer
Test:	NOEC
Resultat:	10,5 mg/L

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Testmetode:	OECD 201
Art:	Alge, Desmodesmus subspicatus
Varighet:	72 timer
Test:	LOEC
Resultat:	21 mg/L

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

12.2. Persistens og nedbrytbarhet

Produkt/bestanddel	Neodecanoic acid
Konklusjon:	God biologisk nedbrytbarhet

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
Resultat:	>95%
Konklusjon:	God biologisk nedbrytbarhet

12.3. Bioakkumuleringsevne

Produkt/bestanddel	Neodecanoic acid
Miljø:	Ferskvannssediment
Varighet:	14 dager
BCF:	<225
LogKow:	2.08
Konklusjon:	Bioakkumulering forventes ikke

Produkt/bestanddel	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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-gruppe	14.5 Miljøfarer	Annen informasjon:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

Annen informasjon

Ikke farlig gods i henhold til ADR, IATA og IMDG.

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.
Gravide og ammende må ikke utsettes for påvirkninger fra produktet. Man skal derfor vurdere risikoen og muligheten for tekniske foranstaltninger eller innredning av arbeidsstedet for imøtegåelse av slike påvirkninger.

Krav om særlig utdannelse:

Ingen spesielle krav.

SEVESO - Farekategorier / spesifiserte farlige kjemikalier:

Ikke relevant.

Annen informasjon:

Ikke relevant.

Kilder:

Lov 17. juni 2005 nr. 62 om arbeidsmiljø, arbeidstid og stillingsvern mv. (arbeidsmiljøloven).
Forskrift 1. juni 2004 nr. 930 om gjenvinning og behandling av avfall (avfallsforskriften).
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
H319, Gir alvorlig øyeirritasjon.

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 toksisitets 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 komersielle 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 registrerings nummer
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

iG.85 patio cleaner

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

Product identifier

Trade name:
iG.85 patio cleaner

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:
8/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (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

Classification of the substance or mixture

Not classified according to the Hazardous Substances (Hazard Classification) Notice.

Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):
Not applicable.

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:
Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

Advice for firefighters
No specific requirements.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
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
Avoid contact during pregnancy and while nursing.
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

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
No substances are included in the latest edition of the Workplace Exposure Standards and Biological Exposure Indices.

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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour:
Characteristic

Odour threshold (ppm):
No data available.

pH:
8.4

Density (g/cm^3):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

n-octanol/water coefficient (LogKow):
No data available.

Solubility in fat (g/L):
No data available.

Other information

Other physical and chemical parameters:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3800 mg/kg

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

Skin corrosion/irritation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (Not irritating)

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance	Neodecanoic acid

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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	Neodecanoic acid
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Result:	>100 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	> 1000 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Result:	100-300 mg/L

Product/substance	Neodecanoic acid

Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus

Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education:
No specific requirements.

Control of major hazard facilities:
Not applicable.

Additional information:
Not applicable.

New Zealand Inventory of Chemicals (NZIoC):
Neodecanoic acid is listed
potassium (E,E)-hexa-2,4-dienoate 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
H319, Causes serious eye irritation.

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

A safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

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

iG.85 patio cleaner

SEKCJA 1: IDENTYFIKACJA SUBSTANCJI/MIESZANINY I IDENTYFIKACJA PRZEDSIĘBIORSTWA

1.1. Identyfikator produktu

Nazwa handlowa:
iG.85 patio cleaner

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:
8.08.2025

Wersja karty charakterystyki:
2.0

Data poprzedniego wydania:
26.05.2025 (1.0)

1.4. Numer telefonu alarmowego

Ośrodki zatruć.
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 Zatruć. 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

2.1. Klasyfikacja substancji lub mieszaniny

Nie sklasyfikowany według rozporządzenia (EC) Nr 1272/2008 (CLP).

2.2. Elementy oznakowania

Piktogram(y) zagrożeń:
Nie dotyczy.

Hasło ostrzegawcze:
Nie dotyczy.

Zwrot wskazujący rodzaj zagrożenia:
Nie dotyczy.

Zwroty wskazujące środki ostrożności:

▼*Ogólne:*
Nie dotyczy.

▼*Zapobieganie:*
Nie dotyczy.

▼*Reagowanie:*
Nie dotyczy.

▼*Przechowywanie:*
Nie dotyczy.

▼*Usuwanie:*
Nie dotyczy.

Zawiera następujące substancje odpowiedzialne za ryzyko zagrożenia zdrowia:
Nie zawiera żadnych substancji objętych nakazem zgłaszania

▼*Informacje uzupełniające na etykiecie:*
EUH210, Karta charakterystyki dostępna na żądanie.
Nie dotyczy.

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
Neodecanoic acid	Nr. CAS: 26896-20-8 Nr. WE: 248-093-9 REACH: Nr. indeksowy:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	Nr. CAS: 24634-61-5 Nr. WE: 246-376-1 REACH: Nr. indeksowy: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 przypadku dyskomfortu: wyprowadzić osobę na świeże powietrze.

Kontakt ze skórą:

W przypadku podrażnienia: zmyć produkt. Przy przedłużającym się podrażnieniu skontaktować się z lekarzem.

▼*Kontakt z oczami:*

Delikatnie przemyć letnią wodą. Wyjąć soczewki kontaktowe, jeżeli są i można je łatwo usunąć. Kontynuować płukanie. W przypadku trwałego podrażnienia oczu lub dyskomfortu: niezwłocznie zasięgnąć porady lekarza.

▼*Połknięcia:*

Dokładnie opłukać jamę ustną i popić dużą ilością wody. Przy przedłużającym się dyskomforcie skontaktować się z lekarzem i przedstawić niniejszą kartę charakterystyki substancji.

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

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 / CO2)
Niektóre tlenki metali

5.3. Informacje dla straży pożarnej

Nie ma specjalnych wymagań.

SEKCJA 6: POSTĘPOWANIE W PRZYPADKU NIEZAMIERZONEGO UWOLNIENIA DO ŚRODOWISKA

6.1. Indywidualne środki ostrożności, wyposażenie ochronne i procedury w sytuacjach awaryjnych
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
Unikać kontaktu w czasie ciąży i podczas karmienia piersią.
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

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
Produkt nie zawiera żadnych substancji wymienionych w polskim wykazie substancji posiadających wartości graniczne narażenia w miejscu pracy (Rozporządzenie 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 wraz z późn. zm.)

DNEL
Neodecanoic acid

Czas:	Droga narażenia:	DNEL:
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Doustnie	17.5 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Doustnie	1.88 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Naskórnie	17.5 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Naskórnie	1.06 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Naskórnie	29 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Naskórnie	7.4 mg/kg/dzień
Długoterminowo (działanie miejscowe-cała populacja)	Wziewnie	6.52 mg/m³

Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Wziewnie	25.79 mg/m³
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Wziewnie	86 mg/m³
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Wziewnie	22.04 mg/m³

potassium (E,E)-hexa-2,4-dienoate

Czas:	**Droga narażenia:**	**DNEL:**
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Doustnie	2 mg/kg/day
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Doustnie	2 mg/kg/dzień
Długoterminowo (działanie miejscowe-cała populacja)	Naskórnie	170 µg/cm²
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Naskórnie	20 mg/kg/day
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Naskórnie	20 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Naskórnie	40 mg/kg/day
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Naskórnie	40 mg/kg/dzień
Długoterminowo (działanie miejscowe-cała populacja)	Wziewnie	26.08 mg/m³
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Wziewnie	52,17 mg/m³
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Wziewnie	52.17 mg/m³
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Wziewnie	17,63 mg/m³
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Wziewnie	17.63 mg/m³

PNEC

Neodecanoic acid

Droga narażenia:	**Czas ekspozycj:**	**PNEC:**
Drapieżniki		16.7 mg/kg
Woda morska		11 µg/L
Woda morska		0.0478 mg/L
Woda słodka		110 µg/L
Woda słodka		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Droga narażenia:	**Czas ekspozycj:**	**PNEC:**
Oczyszczalnia ścieków		0,01 g/cm³
Oczyszczalnia ścieków		10 mg/L
Osad w wodzie morskiej		0,000173 g/cm³
Osad w wodzie morskiej		360 µg/kg
Osad w wodzie słodkiej		0,00173 g/cm³
Osad w wodzie słodkiej		3.6 mg/kg
Przerywane uwalnianie (woda słodka)		0.48 mg/L
Woda morska		0,000048 g/cm³
Woda morska		100 µg/L
Woda słodka		0,00048 g/cm³
Woda słodka		1 mg/L
Ziemia		0,00167 g/cm³
Ziemia		1.67 mg/kg
Ziemia		0.276 mg/kg

8.2. ▼Kontrola narażenia

Stosować ogólne środki zapobiegawcze, aby zapobiec niepotrzebnemu narażeniu.

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:
Nie istnieją granice ekspozycji dla substancji zawartych w tym produkcie.

Środki techniczne:
Stosuj standardowe środki ostrożności podczas użytkowania produktu. Unikaj wdychania oparów.

▼*Zaradcze środki higieniczne:*
Umyć dłonie po użyciu.

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:

Materiał	Grubość rękawicy (mm)	Czas wytrzymałości (min.)	Normy	
Brak szczególnych wymagań.	-	-	-	

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:*
Bezbarwny

Zapach / Próg zapachu (ppm):
Charakterystyczny

pH:
8.4

Gęstość (g/cm³):
1,05 (20 °C)

Lepkość kinematyczna:

Brak dostępnych danych.

Charakterystyka cząsteczek:
Nie dotyczy cieczy.

Zmiana stanu skupienia i opary

Temperatura topnienia/krzepnięcia (°C):
Brak dostępnych danych.

Temperaturę/zakres mięknienia (°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:
Całkowicie rozpuszczalny

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:
ND: 1.389

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	Neodecanoic acid
Rodzaj:	Szczur
Droga narażenia:	Wziewnie
Test:	CL50
Wynik:	> 3 mg/L

Produktu/składnik	Neodecanoic acid
Rodzaj:	Królik
Droga narażenia:	Naskórnie
Test:	LD50
Wynik:	> 3640 mg/kg

Produktu/składnik	Neodecanoic acid
Rodzaj:	Szczur
Droga narażenia:	Doustnie
Test:	LD50
Wynik:	2066 mg/kg

Produktu/składnik	Neodecanoic acid
Droga narażenia:	Doustnie
Wynik:	2500 mg/kg

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Rodzaj:	Szczur
Droga narażenia:	Doustnie
Test:	LD50
Wynik:	3800 mg/kg

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

Działanie żrące/drażniące na skórę

Produktu/składnik	Neodecanoic acid
Wynik:	Nie zaobserwowano działań szkodliwych (Nie działa drażniąco)

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Wynik:	Zaobserwowano działania szkodliwe (Drażniący)

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

Poważne uszkodzenie oczu/działanie drażniące na oczy

Produktu/składnik	Neodecanoic acid

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Wynik:	Zaobserwowano działania szkodliwe (Drażniący)

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

Działanie uczulające na drogi oddechowe

Produktu/składnik	Neodecanoic acid
Wynik:	Nie zaobserwowano działań szkodliwych (nie uczula)

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

Działanie uczulające na skórę

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

Działanie mutagenne na komórki rozrodcze
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
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
Nie są znane.

SEKCJA 12: INFORMACJE EKOLOGICZNE

12.1. Toksyczność

Produktu/składnik	Neodecanoic acid
Rodzaj:	Glon, Pseudokirchneriella subcapitata
Czas:	72 godzin
Wynik:	>100 mg/L

Produktu/składnik	Neodecanoic acid
Rodzaj:	Rozwielitka, Daphnia magna
Czas:	48 godzin
Wynik:	> 1000 mg/L

Produktu/składnik	Neodecanoic acid
Rodzaj:	Ryba, Oncorhynchus mykiss
Czas:	96 godzin
Wynik:	100-300 mg/L

Produktu/składnik	Neodecanoic acid
Rodzaj:	Rozwielitka, Daphnia magna
Czas:	21 dni
Wynik:	10.1 mg/L

Produktu/składnik	Neodecanoic acid
Rodzaj:	Ryba, Oncorhynchus mykiss
Czas:	14 dni
Test:	NOEC
Wynik:	2.22 mg/L

Produktu/składnik	Neodecanoic acid
Rodzaj:	Rozwielitka, Daphnia magna
Czas:	21 dni
Test:	NOEC

Wynik:	4.78 mg/L

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Metoda badania:	OECD 203
Rodzaj:	Ryba, Brachydanio rerio
Czas:	96 godzin
Test:	LC50
Wynik:	>500 mg/L

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Metoda badania:	OECD 202
Rodzaj:	Skorupiak, Daphnia magna
Czas:	48 godzin
Test:	CE50
Wynik:	982 mg/L

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Metoda badania:	OECD 211
Rodzaj:	Skorupiak, Daphnia magna
Czas:	21 dni
Test:	LC50
Wynik:	>50 mg/L

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Metoda badania:	OECD 211
Rodzaj:	Skorupiak, Daphnia magna
Czas:	21 dni
Test:	CE50
Wynik:	>50 mg/L

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Metoda badania:	OECD 211
Rodzaj:	Skorupiak, Daphnia magna
Czas:	21 dni
Test:	NOEC
Wynik:	50 mg/L

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Metoda badania:	OECD 211
Rodzaj:	Skorupiak, Daphnia magna
Czas:	21 dni
Test:	LOEC
Wynik:	>50 mg/L

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Metoda badania:	OECD 201
Rodzaj:	Glon, Desmodesmus subspicatus
Czas:	72 godzin
Test:	EbC50
Wynik:	1223 mg/L

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Metoda badania:	OECD 201
Rodzaj:	Glon, Desmodesmus subspicatus
Czas:	72 godzin
Test:	ErC50
Wynik:	221 mg/L

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Metoda badania:	OECD 201
Rodzaj:	Glon, Desmodesmus subspicatus

Czas:	72 godzin
Test:	NOEC
Wynik:	10,5 mg/L

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Metoda badania:	OECD 201
Rodzaj:	Glon, Desmodesmus subspicatus
Czas:	72 godzin
Test:	LOEC
Wynik:	21 mg/L

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

12.2. Trwałość i zdolność do rozkładu

Produktu/składnik	Neodecanoic acid
Wniosek:	Łatwe uleganie biodegradacji

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
Wynik:	>95%
Wniosek:	Łatwe uleganie biodegradacji

12.3. Zdolność do bioakumulacji

Produktu/składnik	Neodecanoic acid
Element środowiska :	Osad w wodzie słodkiej
Czas:	14 dni
BCF:	<225
LogKow:	2.08
Wniosek:	Bioakumulacja nie jest spodziewana

Produktu/składnik	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Grupa pakowania

** Zagrozenia dla srodowiska

Inne

Nie jest niebezpiecznym towarem wg kodeksów ADR, IATA i IMDG

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.
Kobiety ciężarne i karmiące piersią nie powinny być wystawione na działanie tego typu wyrobów. Trzeba więc rozważyć ryzyko i możliwości wprowadzenia technicznych środków zaradczych oraz i rozplanować miejsca pracy tak, aby w jak największym stopniu przeciwdziałać ekspozycji na szkodliwe substancje.

Wymagania szczególnego wykształcenia:

Nie ma specjalnych wymagań.

SEVESO - Kategorie niebezpiecznych substancji / Wskazane substancje niebezpieczne:

Nie dotyczy.

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 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, zmieniające dyrektywę 1999/45/WE oraz uchylające 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

H319, Działa drażniąco na oczy.

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 wzbudzające 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 trwały i wykazujący bardzo dużą zdolność do bioakumulacji

▼Inne

Zgodnie z Artykułem 31 rozporządzenia REACH nie jest wymagana dla tego produktu karta charakterystyki. Niniejsza karta charakterystyki została utworzona na zasadzie dobrowolności w celu dystrybucji odpowiednich informacji zgodnych z wymogami Artykułu 32 REACH.

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

iG.85 patio cleaner

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:
iG.85 patio cleaner

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:
08/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (1.0)

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified according to GHS

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9	10-15%	Acute Tox. 5, H303	
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour:
Characteristic

Odour threshold (ppm):
No data available.

pH:
8.4

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Result: 3800 mg/kg

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

Skin corrosion/irritation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (Not irritating)

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance: Neodecanoic acid

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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: Neodecanoic acid
Species: Algae, Pseudokirchneriella subcapitata
Duration: 72 hours
Result: >100 mg/L

Product/substance: Neodecanoic acid
Species: Daphnia, Daphnia magna
Duration: 48 hours
Result: > 1000 mg/L

Product/substance: Neodecanoic acid
Species: Fish, Oncorhynchus mykiss
Duration: 96 hours

Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

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
H303, May be harmful if swallowed
H319, Causes serious eye irritation.

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

A safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

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

iG.85 patio cleaner

SECȚIUNEA 1: IDENTIFICAREA SUBSTANȚEI/AMESTECULUI ȘI A SOCIETĂȚII/ÎNTREPRINDERII

1.1. Element de identificare a produsului

Nume comercial:
iG.85 patio cleaner

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:
08.08.2025

Versiune SDS:
2.0

Data emiterii anterioare:
26.05.2025 (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 - Măsuri de prim ajutor

SECȚIUNEA 2: IDENTIFICAREA PERICOLELOR

2.1. Clasificarea substanței sau a amestecului

Neclasificat în conformitate cu Regulamentul (CE) Nr. 1272/2008 (CLP).

2.2. Elemente pentru etichetă

Pictograma periculoasa:
Nu este aplicabil.

Cuvânt de semnal:
Nu este aplicabil.

Declarație periculoasă:
Nu este aplicabil.

Fraze de precauție:

▼*General:*
Nu este aplicabil.

▼*Prevenire:*
Nu este aplicabil.

▼*Raspuns:*
Nu este aplicabil.

▼*Stocare:*
Nu este aplicabil.

▼*Aruncare:*
Nu este aplicabil.

Identitatea substanțelor ce sunt responsabile pentru majoritatea pericolelor de sănătate.:
Nu conține substanțe necesare pentru a raporta

▼*Etichetare adițională:*
EUH210, Fişa cu date de securitate disponibilă la cerere.
Nu este aplicabil.

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 COMPONENȚII

3.1. Substanțe
Nu este aplicabil. Acest produs este un amestec.

3.2. Amestecuri

Produs/ingredient	Identificatori	% w/w	Clasificare	Notițe
Neodecanoic acid	Nr. CAS: 26896-20-8 Nr. CE: 248-093-9 REACH: Nr. de index:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	Nr. CAS: 24634-61-5 Nr. CE: 246-376-1 REACH: Nr. de index: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 masurilor 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:*
În caz de discomfort, scoateți persoana la aer curat.

Contact cu pielea:
În caz de iritație, clătiți produsul. În cazul unei iritații continue, apelați imediat la asistență medicală.

▼*Contactul cu ochii:*
Clătiți ușor cu apă călduță. Îndepărtați lentilele de contact dacă acest lucru este ușor de făcut. Continuați clătirea.
În caz de iritație persistentă sau disconfort ocular apelați la ajutor medical.

▼*Înghițire:*
Clătiți gura foarte bine și beți cantități mari de apă. În cazul discomfortului continuu - apelați la asistență medicală și luați cum dvs fișa privind datele de protecție.

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
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 extinctoarele 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 / CO2)
Unele metale oxidate

5.3. Recomandari destinate pompierilor
Nu există cerințe specifice.

SECȚIUNEA 6: MĂSURI DE LUAT ÎN CAZ DE DISPERSIE ACCIDENTALĂ

6.1. Precauții personale, echipament de protecție și proceduri de urgență
Zonele contaminate pot fi alunecoase.

6.2. Precauții pentru mediul înconjurător
Evitați descărcarea în lacuri, ape curgătoae, canale colectoare, etc.
Țineți persoanele neautorizate departe de deversare.

6.3. Metode și material pentru izolarea incendiilor și pentru curățenie
Opriți 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 securitate

Evitați contactul în timpul sarcinii și alăptării.
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 securitate, inclusiv eventuale incompatibilități

Compatibilitățile privind ambalarea:
A se păstra numai în ambalajul original.

Conditii 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

Produsul nu conține nicio substanță menționată în lista de substanțe cu o limită de expunere profesională, valabilă în România.

DNEL

Neodecanoic acid

Durata:	Ruta expunerii:	DNEL:
Termen lung - efecte sistemice - lucrători	Epidermică	29 mg/kg/zi
Termen lung - efecte sistemice - lucrători	Epidermică	7.4 mg/kg/zi
Termen lung - efecte sistemice - populație generală	Epidermică	17.5 mg/kg/zi
Termen lung - efecte sistemice - populație generală	Epidermică	1.06 mg/kg/zi
Termen lung - efecte locale - populație generală	Inhalare	6.52 mg/m³
Termen lung - efecte sistemice - lucrători	Inhalare	86 mg/m³
Termen lung - efecte sistemice - lucrători	Inhalare	22.04 mg/m³
Termen lung - efecte sistemice - populație generală	Inhalare	25.79 mg/m³
Termen lung - efecte sistemice - populație generală	Orală	17.5 mg/kg/zi
Termen lung - efecte sistemice - populație generală	Orală	1.88 mg/kg/zi

potassium (E,E)-hexa-2,4-dienoate

Durata:	Ruta expunerii:	DNEL:
Termen lung - efecte locale - populație generală	Epidermică	170 µg/cm²
Termen lung - efecte sistemice - lucrători	Epidermică	40 mg/kg/day
Termen lung - efecte sistemice - lucrători	Epidermică	40 mg/kg/zi
Termen lung - efecte sistemice - populație generală	Epidermică	20 mg/kg/day
Termen lung - efecte sistemice - populație generală	Epidermică	20 mg/kg/zi
Termen lung - efecte locale - populație generală	Inhalare	26.08 mg/m³
Termen lung - efecte sistemice - lucrători	Inhalare	17,63 mg/m³

Termen lung - efecte sistemice - lucrători	Inhalare	17.63 mg/m³
Termen lung - efecte sistemice - populație generală	Inhalare	52,17 mg/m³
Termen lung - efecte sistemice - populație generală	Inhalare	52.17 mg/m³
Termen lung - efecte sistemice - populație generală	Orală	2 mg/kg/day
Termen lung - efecte sistemice - populație generală	Orală	2 mg/kg/zi

PNEC

Neodecanoic acid

Ruta expunerii:	**Durata expunerii:**	**PNEC:**
Apă de mare		11 µg/L
Apă de mare		0.0478 mg/L
Apă dulce		110 µg/L
Apă dulce		0.478 mg/L
Prădători		16.7 mg/kg

potassium (E,E)-hexa-2,4-dienoate

Ruta expunerii:	**Durata expunerii:**	**PNEC:**
Apă de mare		0,000048 g/cm³
Apă de mare		100 µg/L
Apă dulce		0,00048 g/cm³
Apă dulce		1 mg/L
Eliberare intermitentă (apă dulce)		0.48 mg/L
Sedimente de apă de mare		0,000173 g/cm³
Sedimente de apă de mare		360 µg/kg
Sedimente de apă dulce		0,00173 g/cm³
Sedimente de apă dulce		3.6 mg/kg
Sol		0,00167 g/cm³
Sol		1.67 mg/kg
Sol		0.276 mg/kg
Stație de epurare a apelor uzate		0,01 g/cm³
Stație de epurare a apelor uzate		10 mg/L

8.2. ▼Controale ale expunerii

Controlați aplicarea în general pentru a preveni expunerea inutilă.

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:

Dacă nu există limite maxime de expunere pentru substanțe conținute în acest produs.

Masuri tehnice corespunzatoare:

Aplicați măsurile standard de precauție în timpul utilizării produsului. Evitați inhalarea vaporilor.

▼*Masuri de igiena:*

Spălați-vă pe mâini după utilizare.

Masuri pentru evitarea expunerii la mediu:

Nu există cerințe specifice.

Măsuri de protecție individuale, cum ar fi echipamente de protecție personale

General:
Utilizați doar echipementele 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:

Material	Grosimea minimă a stratului (mm)	Timpul de perforare (min.)	Standardele	
Nu este special dacă este utilizat după scop	-	-	-	

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:*
Incolor

Parfum / Pragul de acceptare a mirosului (ppm):
Caracteristic

pH:
8.4

Densitate (g/cm^3):
1,05 (20 °C)

Viscozitatea cinematică:
Nu există date disponibile.

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 apa:
Complet solubil

n-octanol/ coeficient apa (LogKow):
Nu există date disponibile.

Solubilitate în grasimi (g/L):
Nu există date disponibile.

9.2. Alte informații

Alți parametri fizici și chimici:
ND: 1.389

Proprietăți oxidante:
Nu există date disponibile.

SECȚIUNEA 10: STABILITATE ȘI REACTIVITATE

10.1. Reactivitate
Nu există date disponibile.

10.2. Stabilitate chimica
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 acuta

Produs/ingredient	Neodecanoic acid
Specii:	Șobolan
Ruta expunerii:	Inhalare
Test:	LC50
Rezultat:	> 3 mg/L

Produs/ingredient	Neodecanoic acid

Specii:	Iepure
Ruta expunerii:	Epidermică
Test:	LD50
Rezultat:	> 3640 mg/kg

Produs/ingredient	Neodecanoic acid
Specii:	Șobolan
Ruta expunerii:	Orală
Test:	LD50
Rezultat:	2066 mg/kg

Produs/ingredient	Neodecanoic acid
Ruta expunerii:	Orală
Rezultat:	2500 mg/kg

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Specii:	Șobolan
Ruta expunerii:	Orală
Test:	LD50
Rezultat:	3800 mg/kg

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

Coroziunea/ iritația pielii

Produs/ingredient	Neodecanoic acid
Rezultat:	Nu se observă efecte adverse (Neiritant)

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Rezultat:	Se observă efecte adverse (Iritant)

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

Daune serioae ale ochilor/ iritație

Produs/ingredient	Neodecanoic acid

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Rezultat:	Se observă efecte adverse (Iritant)

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

Sensibilizarea căilor respiratorii

Produs/ingredient	Neodecanoic acid
Rezultat:	Nu se observă efecte adverse (nesensibilizând)

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

Sensibilizarea pielii

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

Mutație celule embrioni

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

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 informaţii
Nimeni familiar.

SECȚIUNEA 12: INFORMAȚII ECOLOGICE

12.1. Toxicitatea

Produs/ingredient	Neodecanoic acid
Specii:	Alge, Pseudokirchneriella subcapitata
Durata:	72 ore
Rezultat:	>100 mg/L

Produs/ingredient	Neodecanoic acid
Specii:	Dafnii, Daphnia magna
Durata:	48 ore
Rezultat:	> 1000 mg/L

Produs/ingredient	Neodecanoic acid
Specii:	Pește, Oncorhynchus mykiss
Durata:	96 ore
Rezultat:	100-300 mg/L

Produs/ingredient	Neodecanoic acid
Specii:	Dafnii, Daphnia magna
Durata:	21 de zile
Rezultat:	10.1 mg/L

Produs/ingredient	Neodecanoic acid
Specii:	Pește, Oncorhynchus mykiss
Durata:	14 de zile
Test:	NOEC
Rezultat:	2.22 mg/L

Produs/ingredient	Neodecanoic acid
Specii:	Dafnii, Daphnia magna
Durata:	21 de zile
Test:	NOEC
Rezultat:	4.78 mg/L

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Metoda de testare:	OECD 203
Specii:	Pește, Brachydanio rerio
Durata:	96 ore
Test:	LC50
Rezultat:	>500 mg/L

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Metoda de testare:	OECD 202
Specii:	Crustacee, Daphnia magna
Durata:	48 ore
Test:	EC50
Rezultat:	982 mg/L

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate

Metoda de testare:	OECD 211
Specii:	Crustacee, Daphnia magna
Durata:	21 de zile
Test:	LC50
Rezultat:	>50 mg/L

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Metoda de testare:	OECD 211
Specii:	Crustacee, Daphnia magna
Durata:	21 de zile
Test:	EC50
Rezultat:	>50 mg/L

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Metoda de testare:	OECD 211
Specii:	Crustacee, Daphnia magna
Durata:	21 de zile
Test:	NOEC
Rezultat:	50 mg/L

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Metoda de testare:	OECD 211
Specii:	Crustacee, Daphnia magna
Durata:	21 de zile
Test:	LOEC
Rezultat:	>50 mg/L

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Metoda de testare:	OECD 201
Specii:	Alge, Desmodesmus subspicatus
Durata:	72 ore
Test:	EbC50
Rezultat:	1223 mg/L

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Metoda de testare:	OECD 201
Specii:	Alge, Desmodesmus subspicatus
Durata:	72 ore
Test:	ErC50
Rezultat:	221 mg/L

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Metoda de testare:	OECD 201
Specii:	Alge, Desmodesmus subspicatus
Durata:	72 ore
Test:	NOEC
Rezultat:	10,5 mg/L

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Metoda de testare:	OECD 201
Specii:	Alge, Desmodesmus subspicatus
Durata:	72 ore
Test:	LOEC
Rezultat:	21 mg/L

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

12.2. Persistența și degradabilitatea

Produs/ingredient	Neodecanoic acid
Concluzie:	Biodegradabilitate rapidă

Produs/ingredient	potassium (E,E)-hexa-2,4-dienoate
Rezultat:	>95%

Concluzie: Biodegradabilitate rapidă

12.3. Potențialul de bioacumulare

Produs/ingredient Neodecanoic acid
Compartimentul de mediu :Sedimente de apă dulce
Durata: 14 de zile
BCF: <225
LogKow: 2.08
Concluzie: Nu este preconizată bioacumularea

Produs/ingredient potassium (E,E)-hexa-2,4-dienoate
BCF: 2,6
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 contaminata

Pachetele ce conțin resturi din produse trebuie dispuse în acelați 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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Grupul de ambalare

** Pericole pentru mediul înconjurator

Informații adiționale

Nu sunt listate bunuri pericuoase în conformiatte cu ADR, IATA și regulamentele IMDG.

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.
Femeile gravide sau ce alăptează nu trebuie să fie expuse la efectele acestui produs. Riscul, și posibilitatea precauțiunilor tehnice sau proiectarea locului de muncă trebuie să fie evaliate pentru a evita acest risc.

Cerințe pentru instruire corespunzătoare:
Nu există cerințe specifice.

SEVESO - Categorii de substanțe periculoase / Denumirea substanțelor periculoase:
Nu este aplicabil.

Informații adiționale:
Nu este aplicabil.

Surse:
Ordonanţă de urgenţă nr. 96 din 14 octombrie 2003 privind protecţia maternităţii la locurile de muncă și modificată prin Legea nr. 25 din 5 martie 2004.
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.
H319, Provoacă o iritare gravă a ochilor.

Abrevieri şi acronime
ADN = Prevederile Europene privind Transportul Internaţional de Mărfuri Periculoase pe Ape Continentale
ADR = Acordul European privind Transportul Internaţional Rutier de Mărfuri Periculoase
TAE = Toxicitate Acută Estimată
FBC = Factor de Bioconcentraţie
CAS = Serviciul de Catalogare al Chimicalelor
CE = Conformité Européenne
CLP = Regulamentul privind Clasificarea, Etichetarea şi Ambalarea [Regulamentul (CE) Nr. 1272/2008
COV = Compus Organic Volatil
CSA = Evaluare privind Siguranţa Chimică
CSR = Raport privind Siguranţa Chimică
DNEL = Nivel Fără Efect
EINECS = Inventarul European al Substanţelor Chimice Existente pe piaţă
ES = Scenariu de Expunere
specificare EUH = specificare privind pericolul specifică CLP
EuPCS = Sistemul european de clasificare a produselor
EWC = Catalog European pentru Deşeuri
GHS = Sistem Global Harmonizat al Clasificării şi Etichetării Chimicalelor
GWP = Potențialul de încălzire globală
IATA = Asociaţia Internaţională a Transportului Aerian
IBC = Container Intermediar Vrac IMDG = Internaţional Maritim Mărfuri Periculoase
LogPow = logaritm al octanolului/coeficient al partiţiei apei
MARPOL 73/78 = Convenţia Internaţională pentru Prevenirea Poluării provenite de la Nave, 1973 aşa cum a fost modificată prin Protocolul din 1978 ("Marpol" = poluare marină)
OECD = Organizaţia pentru Cooperarea Economică şi Dezvoltare

PBT = Persistent, Biocumulativ şi Toxic
PNEC = Concentraţie Prevăzută Fără Efect
RID = Regulamentul privind Transportul Internaţional Feroviar al Mărfurilor Periculoase
RRN = Număr Înregistrare REACH
SCL = Concentraţie specifică.
SVHC = Substanţe de Foarte Mare Îngrijorare
STOT-RE = Toxicitate Organ Ţintă Specifică - Expunere Repetată
STOT-SE = Toxicitate Organ Ţintă Specifică - Expunere Unică
VLA = Medie cântărită în timp
UN = Naţiunile Unite
UVCB = compoziție necunoscută sau variabilă, produse cu reacție complexă sau cu materiale biologice
vPvB = Foarte Persistent si Foarte Biocumulativ

▼Informații adiționale

În conformitate cu Articolul 31 al REACH, nu este necesară o fişă cu date de securitate pentru acest produs. Această fişă cu date de securitate a fost creată voluntar pentru a distribui informaţiile relevante conform cerinţelor de la Articolul 32 al REACH.

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 predeați fișă cu date de securitate actualului urilizator al produsului. Informații cu privire la această fișă nu pot fi folosite ca și specificațiile produsului.
Țară-limbă: RO-ro

БЕЗБЕДНОСНИ ЛИСТ

iG.85 patio cleaner

ПОГЛАВЉЕ 1. ИДЕНТИФИКАЦИЈА ХЕМИКАЛИЈЕ И ПОДАЦИ О ЛИЦУ КОЈЕ СТАВЉА ХЕМИКАЛИЈУ У ПРОМЕТ

1.1. Идентификација хемикалије

Комерцијално име:
iG.85 patio cleaner

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

Компания 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:
8.8.2025.

Верзия безбедносног листа:
2.0

Датум претходне верзије:
26.5.2025. (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 трованя 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

2.1. Класификација хемикалије

Нийе класификовано према Правилнику о класификацийи, паковаю, означаваю и оглашаваю (Сл. гласник РС, 105/13).

2.2. Елементи обележавања

Пиктограм опасности:

Није применљиво.

Реч упозорења:
Није применљиво.

Обавештење о опасности:
Није применљиво.

Обавештење о мерама предострожности:

▼*Опште:*
Није применљиво.

▼*Превенција:*
Није применљиво.

▼*Реаговање:*
Није применљиво.

▼*Складиштење:*
Није применљиво.

▼*Одлагање:*
Није применљиво.

Опасне материје:
Не садржи никакве супстанце које је потребно пријавити

▼*Додатно обавештење о опасности:*
EUH210, Безбедносни лист доступан на захтев.
Није применљиво.

2.3. Остале опасности

Додатна упозореня:
Ова смеша/производ не садржи супстанце за које се сматра да испуняваю критериюме 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
Neodecanoic acid	CAS бр.: 26896-20-8 EC бр.: 248-093-9 REACH: Индекс бр. :	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS бр.: 24634-61-5 EC бр.: 246-376-1 REACH: Индекс бр. : 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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 являю се поспаност, губитак свести или грчеви: Позовите 194 и одмах почните са мерама помоći (прва помоć).
Ако имате сумње у вези са станйем повређене особе или ако симптоми потраю, обратите се лекару. Никад несвесной особи немойте давати воду или неко друго пиће.

▼*После удисања:*
У случаю мучнине: изведите особу на свеж ваздух.

У додиру са кожом:
У случаю иритацийе: исперите водом. У случаю упорне иритацийе, потражите лекарску помоć.

▼*Након контакта са очима:*
Благо исперите млаком водом. Уклоните контактна сочива ако је то лако учинити. Наставите са испирањем.
У случају упорне иритације или нелагодности ока: потражити медицинску помоћ.

▼*Након гутања:*
Темелйито исперите и оперите уста и конзумирайте велике количине воде. У случаю упорне мучнине: потражите медицинску помоć и понесите овай безбедносни лист.

Сагореванйе:
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
Пожар ће довести до стварања густог дима. Излагање запалйивим производима може наштетити вашем здравлю. Затворене посуде изложене ватри требало би охладити водом. Не дозволите да вода за гашенйе пожара доспе у канализацию и оближнйе површинске токове.
Уколико је производ изложен високим температурама, нпр. у случаю пожара, настаю опасна йединйења као резултат нйеговог распадања. То су:
Углйени оксиди (CO / CO2)
Неки метални оксиди

5.3. Савет за ватрогасце
Нема посебних захтева.

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
Избегавайте испуштанйе у йезера, потоке, канализацийе итд.
Неовлашћене особе држите подаље од изливања.

6.3. Мере које треба предузети и материјал за спречавање ширења и санацију
Користите песак, землю, вермикулит, диятомейску землю да бисте задржали и покупили незапалйиве упияюће материяле и ставите у контейнер за одлаганйе, у складу са локалним прописима.
Чишћенйе се у мери у койой йе то могуће обавля нормалним средствима за чишћенйе. Избегавайте употребу растварача.

6.4. Упућивање на друга поглавља
Погледайте поглавље 13 „Одлагање" у вези са поступком за отпад.
За заштитне мере погледайте поглавље 8 „Контрола изложености и лична заштита".

ПОГЛАВЉЕ 7. РУКОВАЊЕ И СКЛАДИШТЕЊЕ

7.1. Предострожности за безбедно руковање
Пушенйе, и конзумиранйе хране и пића нису дозволйени у радном простору.
За информацийе о личной заштити погледайте поглавље „Контрола изложености и лична заштита".

7.2. ▼Услови за безбедно складиштење, укључујући некомпатибилности

Препоручени материјал за складиштење:
Чувати само у оригиналној амбалажи.

Услови складиштења:
Суво, хладно и добро проветравано

Некомпатибилни материјали:
Яке киселине, яке базе, яка оксидациона средства и яка редукциона средства.

7.3. Посебни начини коришћења
Овай 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 националной листи супстанци са ограниченйем у погледу изложености током рада нийе наведена нийедна супстанца.

DNEL
Neodecanoic acid

Траянйе:	**Пут експозиције:**	**DNEL:**
Дугорочно - Системски - Потрошач	Дерматолошки	17.5 mg/kg/дан
Дугорочно - Системски - Потрошач	Дерматолошки	1.06 mg/kg/дан
Дугорочно - Системски - Радник	Дерматолошки	29 mg/kg/дан
Дугорочно - Системски - Радник	Дерматолошки	7.4 mg/kg/дан
Дугорочно - Локално - Потрошач	Инхалацијски	6.52 mg/m³
Дугорочно - Системски - Потрошач	Инхалацијски	25.79 mg/m³
Дугорочно - Системски - Радник	Инхалацијски	86 mg/m³
Дугорочно - Системски - Радник	Инхалацијски	22.04 mg/m³
Дугорочно - Системски - Потрошач	Орално	17.5 mg/kg/дан
Дугорочно - Системски - Потрошач	Орално	1.88 mg/kg/дан

potassium (E,E)-hexa-2,4-dienoate

Траянйе:	**Пут експозиције:**	**DNEL:**
Дугорочно - Локално - Потрошач	Дерматолошки	170 µg/cm²
Дугорочно - Системски - Потрошач	Дерматолошки	20 mg/kg/day
Дугорочно - Системски - Потрошач	Дерматолошки	20 mg/kg/дан

Дугорочно - Системски - Радник	Дерматолошки	40 mg/kg/day
Дугорочно - Системски - Радник	Дерматолошки	40 mg/kg/дан
Дугорочно - Локално - Потрошач	Инхалацијски	26.08 mg/m³
Дугорочно - Системски - Потрошач	Инхалацијски	52,17 mg/m³
Дугорочно - Системски - Потрошач	Инхалацијски	52.17 mg/m³
Дугорочно - Системски - Радник	Инхалацијски	17,63 mg/m³
Дугорочно - Системски - Радник	Инхалацијски	17.63 mg/m³
Дугорочно - Системски - Потрошач	Орално	2 mg/kg/day
Дугорочно - Системски - Потрошач	Орално	2 mg/kg/дан

PNEC

Neodecanoic acid

Пут експозиције:	**Траяње изложености:**	**PNEC:**
Морска вода		11 µg/L
Морска вода		0.0478 mg/L
Секундарно тровање		16.7 mg/kg
Слатка вода		110 µg/L
Слатка вода		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Пут експозиције:	**Траяње изложености:**	**PNEC:**
Морска вода		0,000048 g/cm³
Морска вода		100 µg/L
Периодично ослобађање (слатка вода)		0.48 mg/L
Постројењима за пречишћавање отпадних вода		0,01 g/cm³
Постројењима за пречишћавање отпадних вода		10 mg/L
Седимент мора		0,000173 g/cm³
Седимент мора		360 µg/kg
Седимент слатке воде		0,00173 g/cm³
Седимент слатке воде		3.6 mg/kg
Слатка вода		0,00048 g/cm³
Слатка вода		1 mg/L
Тло		0,00167 g/cm³
Тло		1.67 mg/kg
Тло		0.276 mg/kg

8.2. ▼Контрола изложености и лична заштита

Извршите општу контролу да бисте спречили непотребно излагање.

Опште препоруке:

Пушење, и конзумиранје хране и пића нису дозволйени у радном простору.

Сценарийи излаганя:

За овай производ нису имплементирани сценарийи изложености.

Границе излаганя:

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.

▼*Хигийенске мере:*

Оперите руке након употребе.

Мере спречаваня 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:

Материјал	Дебљина рукавице	Време продирања (Минути)	Стандарда	
Nema posebnih propisa kada se koristi kako je predvidjeno	-	-	-	

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

▼*Боју:*
Безбојно

Мирису / Прагу мириса (ppm):
Карактеристично

pH:
8.4

Релативна густина (g/cm³):
1,05 (20 °C)

Кинематичка вискозност:
Нема доступних података.

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:
У потпуности растворљив

Коефицијент расподеле у систему n-октанол/вода (LogKow):
Нема доступних података.

Растворлйивост у масти (g/L):
Нема доступних података.

9.2. Остали подаци

Остали физички и хемијски параметри:
ND: 1.389

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 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	Neodecanoic acid
Врсте:	Пацов
Пут експозиције:	Инхалацијски
Тест:	LC50
Вредност:	> 3 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Зец
Пут експозиције:	Дерматолошки
Тест:	LD50
Вредност:	> 3640 mg/kg

Хемијски назив	Neodecanoic acid
Врсте:	Пацов
Пут експозиције:	Орално
Тест:	LD50
Вредност:	2066 mg/kg

Хемијски назив	Neodecanoic acid
Пут експозиције:	Орално
Вредност:	2500 mg/kg

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Врсте:	Пацов
Пут експозиције:	Орално
Тест:	LD50
Вредност:	3800 mg/kg

На основу доступних података, критеријуми за класификацију нису испуњени.

Корозивно оштећење коже / иритација

Хемијски назив	Neodecanoic acid
Вредност:	Нису установљени негативни ефекти (Неиритантан)

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Вредност:	Установљени су негативни ефекти (Иритантан)

На основу доступних података, критеријуми за класификацију нису испуњени.

Тешко оштећење ока / иритација ока

Хемијски назив	Neodecanoic acid

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Вредност:	Установљени су негативни ефекти (Иритантан)

На основу доступних података, критеријуми за класификацију нису испуњени.

Сензибилизација респираторних органа

Хемијски назив	Neodecanoic acid
Вредност:	Нису установљени негативни ефекти (не сензибилизација)

На основу доступних података, критеријуми за класификацију нису испуњени.

Сензибилизација коже

На основу доступних података, критеријуми за класификацију нису испуњени.

Мутагеност геринативних ћелија

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
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 информацийе
Нема познатих.

ПОГЛАВЉЕ 12. ЕКОТОКСИКОЛОШКИ ПОДАЦИ

12.1. Токсичност

Хемијски назив	Neodecanoic acid
Врсте:	Алге, Pseudokirchneriella subcapitata
Траянйе:	72 сати
Вредност:	>100 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Водене буве, Daphnia magna
Траянйе:	48 сати
Вредност:	> 1000 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Рибе, Oncorhynchus mykiss
Траянйе:	96 сати
Вредност:	100-300 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Водене буве, Daphnia magna
Траянйе:	21 дана
Вредност:	10.1 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Рибе, Oncorhynchus mykiss
Траянйе:	14 дана
Тест:	NOEC
Вредност:	2.22 mg/L

Хемијски назив	Neodecanoic acid
Врсте:	Водене буве, Daphnia magna
Траянйе:	21 дана
Тест:	NOEC
Вредност:	4.78 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 203
Врсте:	Рибе, Brachydanio rerio
Траянйе:	96 сати
Тест:	LC50
Вредност:	>500 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 202
Врсте:	Ракови, Daphnia magna
Траянйе:	48 сати
Тест:	EC50
Вредност:	982 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 211
Врсте:	Ракови, Daphnia magna
Траянйе:	21 дана
Тест:	LC50
Вредност:	>50 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 211
Врсте:	Ракови, Daphnia magna
Траянйе:	21 дана
Тест:	EC50
Вредност:	>50 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 211
Врсте:	Ракови, Daphnia magna
Траянйе:	21 дана
Тест:	NOEC
Вредност:	50 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 211
Врсте:	Ракови, Daphnia magna
Траянйе:	21 дана
Тест:	LOEC
Вредност:	>50 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 201
Врсте:	Алге, Desmodesmus subspicatus
Траянйе:	72 сати
Тест:	EbC50
Вредност:	1223 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 201
Врсте:	Алге, Desmodesmus subspicatus
Траянйе:	72 сати
Тест:	ErC50
Вредност:	221 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 201
Врсте:	Алге, Desmodesmus subspicatus
Траянйе:	72 сати
Тест:	NOEC
Вредност:	10,5 mg/L

Хемијски назив	potassium (E,E)-hexa-2,4-dienoate
Метод тестирања:	ОЕЦД 201
Врсте:	Алге, Desmodesmus subspicatus
Траянйе:	72 сати
Тест:	LOEC

Вредност: 21 mg/L

На основу доступних података, критеријуми за класификацију нису испуњени.

12.2. Перзистентност и разградљивост

Хемијски назив: Neodecanoic acid
Закључак: Лако биоразградива материја

Хемијски назив: potassium (E,E)-hexa-2,4-dienoate
Вредност: >95%
Закључак: Лако биоразградива материја

12.3. Потенцијал биоакумулације

Хемијски назив: Neodecanoic acid
Окружење: Седимент слатке воде
Траяње: 14 дана
BCF: <225
LogKow: 2.08
Закључак: Биоакумулација се не очекује

Хемијски назив: potassium (E,E)-hexa-2,4-dienoate
BCF: 2,6
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 испуняваю критериюме 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 заменюйе прилог ИИИ директиве 2008/98/ЕЗ Европског парламента и савета о отпаду.

Кôд европског каталога отпада (ЕWЦ):
20 01 30 детерџенти другачији од оних наведених у 20 01 29

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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Група паковања

** Опасност по животну средину

Додатне информацийе

Нийе опасна роба према ADR, IATA и IMDG.

14.6. Посебне предострожности за корисника

Није примењиво.

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

Ограниченя за примену:

Дозвољено само за професионално коришћење.

Захтеви за специфичним образованйем:

Нема посебних захтева.

"СЕВЕСО" - Категорија / Опасне материје:

Није примењиво.

Додатне информацийе:

Није примењиво.

Извори:

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 йе наведено у поглавље 3

H319, Доводи до јаке иритације ока.

Скраћенице и акроними

ADR = Европски споразум о међународном друмском превозу опасне робе
ATE = Процена акутне токсичности
BCF = Фактор биоконцентрацийе
CAS = Служба хемийских сажетака
CE = европска усаглашеност
CLP = Уредба о класификацийи, означаваню и пакованю [Уредба (ЕЗ) бр. 1272/2008]
CSA = Процена хемийске безбедности
CSR = Извештай о хемийской безбедности
CTOT = Специфична цилйна токсичност органа
DMEL = Изведени минимални ниво ефекта
DNEL = Изведени ниво без ефекта
EINECS = Европски инвентар постойећих комерцияльних хемийских супстанци
ES = Сценарио изложености
EUH izjava = ЦЛП-специфична изява о опасности
EUPCS = Европски систем категоризације производа
EWЦ = Европски каталог отпада
GHS = Глобално усклађени систем класификацийе и обележаваня хемикалия
GWP (ГВП) = Потенцијал глобалног загревања
IARC = еђународна агенция за истраживанйе рака
IATA = Међународно удруженйе за ваздушни саобраćай

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, изменјена протоколом из 1978. („Marpol“ = загађење мора)
ОЕЦД = Организација за Економску Царадњу и Дазвој
ПБТ = Истраян, 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 забриняваюће супстанце
STOT-RE = Специфична цилјна токсичност органа - понављана излагања
STOT-SE = Специфична цилјна 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 једињење
вПвБ = Веома трајно и врло биоакумулативно

▼Додатне информације

За овај производ није потребно безбедноснио упутство. Ово безбедносно упутство је резултат рада на добровољној основи са циљем да се релевантне информације учине доступним.
У складу с чланом 31. REACH-а, за овај производ није потребан безбедносно упутство. Овај безбедносни лист је резултат рада на добровољној основи како би се релевантне информације учиниле доступним према захтевима из члана 32 РЕАЧ-а.

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 поглављу 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

iG.85 patio cleaner

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:
iG.85 patio cleaner

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:
08/08/2025

SDS Version:
2.0

Date of previous version:
26/05/2025 (1.0)

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified according to GHS

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9	10-15%	Acute Tox. 5, H303	
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour:
Characteristic

Odour threshold (ppm):
No data available.

pH:
8.4

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Result: 3800 mg/kg

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

Skin corrosion/irritation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (Not irritating)

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance: Neodecanoic acid

Product/substance: potassium (E,E)-hexa-2,4-dienoate
Result: Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance: Neodecanoic acid
Result: No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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: Neodecanoic acid
Species: Algae, Pseudokirchneriella subcapitata
Duration: 72 hours
Result: >100 mg/L

Product/substance: Neodecanoic acid
Species: Daphnia, Daphnia magna
Duration: 48 hours
Result: > 1000 mg/L

Product/substance: Neodecanoic acid
Species: Fish, Oncorhynchus mykiss
Duration: 96 hours

Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

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
H303, May be harmful if swallowed
H319, Causes serious eye irritation.

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

A safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

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

SÄKERHETSDATABLAD

iG.85 patio cleaner

AVSNITT 1: NAMNET PÅ ÄMNET/BLANDNINGEN OCH BOLAGET/FÖRETAGET

1.1. Produktbeteckning

Handelsnamn:
iG.85 patio cleaner

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:
2025-08-08

SDB Version:
2.0

Datum för tidigare utgåva:
2025-05-26 (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

2.1. Klassificering av ämnet eller blandningen

Inte klassificerad enligt förordningen (EG) nr 1272/2008 (CLP).

2.2. Märkningsuppgifter

Faropiktogram:
Ej tillämpligt.

Signalord:
Ej tillämpligt.

Faroangivelser:
Ej tillämpligt.

Skyddsangivelser:

▼*Allmänt:*
Ej tillämpligt.

▼*Förebyggande:*
Ej tillämpligt.

▼*Åtgärder:*
Ej tillämpligt.

▼*Förvaring:*
Ej tillämpligt.

▼*Avfall:*
Ej tillämpligt.

Innehåller:
Innehåller inga anmälningspliktiga ämnen

▼*Annan märkning:*
EUH210, Säkerhetsdatablad finns att rekvirera.
Ej tillämpligt.

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.
Neodecanoic acid	CAS-nr.: 26896-20-8 EG-nr.: 248-093-9 REACH: Indexnr.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS-nr.: 24634-61-5 EG-nr.: 246-376-1 REACH: Indexnr.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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:*
Vid obehag: Säkerställ för att personen får frisk luft.

Hudkontakt:
Vid irritation: Tvätta av produkten. Vid ihållande irritation: Kontakta läkare.

▼*Kontakt med ögonen:*
Skölj försiktigt med ljummet vatten. Ta ur eventuella kontaktlinser om det går lätt. Fortsätt att skölja. Vid bestående ögonirritation: Sök läkarhjälp.

▼*Förtäring:*
Skölj munnen noga och drick rikligt med vatten. Vid ihållande obehag: kontakta läkare och visa detta säkerhetsdatablad.

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: BRANDBEKÄMPNINGSÅTGÄRDER

5.1. Släckmedel
Ej tillämpligt.

5.2. Särskilda faror som ämnet eller blandningen kan medföra
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 / CO2)
Några metalloxider

5.3. Råd till brandbekämpningspersonal
Inga särskilda krav.

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
Undvik kontakt under graviditet och amning.
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

Kompatibla förpackningar:
Förvaras endast i originalförpackningen.

Förvaringsförhållanden:
Torrt, 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
2,2',2''-nitrilotriethanol
Korttidsgränsvärde (15 minuter) (ppm): 1,6
Korttidsgränsvärde (15 minuter) (mg/m³): 10
Nivågränsvärde (8 timmar) (ppm): 0,8
Nivågränsvärde (8 timmar) (mg/m³): 5
Anmärkningar:
H = Ämnet kan lätt upptas genom huden.
V = Vägledande korttidsgränsvärde.

Arbetsmiljöverkets föreskrifter och allmänna råd (AFS 2023:14) om gränsvärden för luftvägsexponering i arbetsmiljön

DNEL
2,2',2''-nitrilotriethanol

Varaktighet:	Exponeringsväg:	DNEL:
Långvarig – Systemiska effekter - Allmän befolkning	Hud	3.1 mg/kg bw/day
Långvarig – Systemiska effekter - Arbetare	Hud	6.3 mg/kg bw/day
Långvarig – Lokala effekter - Arbetare	Inandning	1,25 mg/m³
Långvarig – Lokala effekter - Arbetare	Inandning	5 mg/m³
Långvarig – Systemiska effekter - Allmän befolkning	Inandning	1.25 mg/m³
Långvarig – Systemiska effekter - Arbetare	Inandning	5 mg/m³
Långvarig – Systemiska effekter - Allmän befolkning	Oralt	3.1 mg/kg bw/day

Neodecanoic acid

Varaktighet:	Exponeringsväg:	DNEL:
Långvarig – Systemiska effekter - Allmän befolkning	Hud	17.5 mg/kg bw/day
Långvarig – Systemiska effekter - Allmän befolkning	Hud	1.06 mg/kg bw/day
Långvarig – Systemiska effekter - Arbetare	Hud	29 mg/kg bw/day
Långvarig – Systemiska effekter - Arbetare	Hud	7.4 mg/kg bw/day

Långvarig – Lokala effekter - Allmän befolkning	Inandning	6.52 mg/m³
Långvarig – Systemiska effekter - Allmän befolkning	Inandning	25.79 mg/m³
Långvarig – Systemiska effekter - Arbetare	Inandning	86 mg/m³
Långvarig – Systemiska effekter - Arbetare	Inandning	22.04 mg/m³
Långvarig – Systemiska effekter - Allmän befolkning	Oralt	17.5 mg/kg bw/day
Långvarig – Systemiska effekter - Allmän befolkning	Oralt	1.88 mg/kg bw/day

potassium (E,E)-hexa-2,4-dienoate

Varaktighet:	**Exponeringsväg:**	**DNEL:**
Långvarig – Lokala effekter - Allmän befolkning	Hud	170 µg/cm²
Långvarig – Systemiska effekter - Allmän befolkning	Hud	20 mg/kg/day
Långvarig – Systemiska effekter - Allmän befolkning	Hud	20 mg/kg bw/day
Långvarig – Systemiska effekter - Arbetare	Hud	40 mg/kg/day
Långvarig – Systemiska effekter - Arbetare	Hud	40 mg/kg bw/day
Långvarig – Lokala effekter - Allmän befolkning	Inandning	26.08 mg/m³
Långvarig – Systemiska effekter - Allmän befolkning	Inandning	52,17 mg/m³
Långvarig – Systemiska effekter - Allmän befolkning	Inandning	52.17 mg/m³
Långvarig – Systemiska effekter - Arbetare	Inandning	17,63 mg/m³
Långvarig – Systemiska effekter - Arbetare	Inandning	17.63 mg/m³
Långvarig – Systemiska effekter - Allmän befolkning	Oralt	2 mg/kg/day
Långvarig – Systemiska effekter - Allmän befolkning	Oralt	2 mg/kg bw/day

PNEC

2,2',2''-nitrilotriethanol

Exponeringsväg:	**Exponeringens varaktighet:**	**PNEC:**
Avloppsreningsverk		10 mg/L
Havsvatten		32 µg/L
Havsvatten sediment		170 µg/kg
Jord		151 µg/kg
Sötvatten		320 µg/L
Sötvattenssediment		1.7 mg/kg
Sporadiska utsläpp (sötvatten)		5.12 mg/L

Neodecanoic acid

Exponeringsväg:	**Exponeringens varaktighet:**	**PNEC:**
Havsvatten		11 µg/L
Havsvatten		0.0478 mg/L
Predatorer		16.7 mg/kg
Sötvatten		110 µg/L
Sötvatten		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Exponeringsväg:	**Exponeringens varaktighet:**	**PNEC:**
Avloppsreningsverk		0,01 g/cm³
Avloppsreningsverk		10 mg/L
Havsvatten		0,000048 g/cm³

Havsvatten		100 µg/L
Havsvatten sediment		0,000173 g/cm³
Havsvatten sediment		360 µg/kg
Jord		0,00167 g/cm³
Jord		1.67 mg/kg
Jord		0.276 mg/kg
Sötvatten		0,00048 g/cm³
Sötvatten		1 mg/L
Sötvattenssediment		0,00173 g/cm³
Sötvattenssediment		3.6 mg/kg
Sporadiska utsläpp (sötvatten)		0.48 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.

Exponeringsscenarier:

Det finns inga implementerade exponeringsscenarier 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 punktutsug 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:*

Tvätta händerna efter användning.

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:

Handskmaterial	Handsktjocklek (mm)	Genombrottstid (min.)	Standarder	
Inga särskilda vid normal och avsedd användning	-	-	-	

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:*
Färglös

Lukt / Lukttröskel (ppm):
Karakteristisk

pH:
8.4

Densitet (g/cm³):
1,05 (20 °C)

Kinematisk viskositet:
Ingen data tillgänglig.

Partikelegenskaper:
Gäller inte för vätskor.

Fas förändringar

Smältpunkt/fryspunkt (°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:
Fullt lösligt

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:
ND: 1.389

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	Neodecanoic acid
Art:	Råtta
Exponeringsväg:	Inandning
Test:	LC50
Resultat:	> 3 mg/L

Produkt/Ämne	Neodecanoic acid
Art:	Kanin
Exponeringsväg:	Hud
Test:	LD50
Resultat:	> 3640 mg/kg

Produkt/Ämne	Neodecanoic acid
Art:	Råtta
Exponeringsväg:	Oralt
Test:	LD50
Resultat:	2066 mg/kg

Produkt/Ämne	Neodecanoic acid
Exponeringsväg:	Oralt
Resultat:	2500 mg/kg

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Art:	Råtta
Exponeringsväg:	Oralt
Test:	LD50
Resultat:	3800 mg/kg

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Frätande/irriterande på huden

Produkt/Ämne	Neodecanoic acid
Resultat:	Inga skadliga effekter observerades (Inte irriterande)

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Resultat:	Akuta effekter har observerats (Irriterande)

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Allvarlig ögonskada/ögonirritation

Produkt/Ämne	Neodecanoic acid

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Resultat:	Akuta effekter har observerats (Irriterande)

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Luftvägssensibilisering

Produkt/Ämne	Neodecanoic acid
Resultat:	Inga skadliga effekter observerades (inte sensibiliserande)

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Hudsensibilisering

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Mutagenitet i könsceller

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

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

2,2',2''-nitrilotriethanol: Substansen har klassificerats i grupp 3 av IARC.

AVSNITT 12: EKOLOGISK INFORMATION

12.1. Toxicitet

Produkt/Ämne	Neodecanoic acid
Art:	Alger, Pseudokirchneriella subcapitata
Varaktighet:	72 timmar
Resultat:	>100 mg/L

Produkt/Ämne	Neodecanoic acid
Art:	Vattenloppor, Daphnia magna
Varaktighet:	48 timmar

Resultat:	> 1000 mg/L

Produkt/Ämne	Neodecanoic acid
Art:	Fisk, Oncorhynchus mykiss
Varaktighet:	96 timmar
Resultat:	100-300 mg/L

Produkt/Ämne	Neodecanoic acid
Art:	Vattenloppor, Daphnia magna
Varaktighet:	21 dagar
Resultat:	10.1 mg/L

Produkt/Ämne	Neodecanoic acid
Art:	Fisk, Oncorhynchus mykiss
Varaktighet:	14 dagar
Test:	NOEC
Resultat:	2.22 mg/L

Produkt/Ämne	Neodecanoic acid
Art:	Vattenloppor, Daphnia magna
Varaktighet:	21 dagar
Test:	NOEC
Resultat:	4.78 mg/L

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Testmetod:	OECD 203
Art:	Fisk, Brachydanio rerio
Varaktighet:	96 timmar
Test:	LC50
Resultat:	>500 mg/L

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Testmetod:	OECD 202
Art:	Kräftdjur, Daphnia magna
Varaktighet:	48 timmar
Test:	EC50
Resultat:	982 mg/L

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Testmetod:	OECD 211
Art:	Kräftdjur, Daphnia magna
Varaktighet:	21 dagar
Test:	LC50
Resultat:	>50 mg/L

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Testmetod:	OECD 211
Art:	Kräftdjur, Daphnia magna
Varaktighet:	21 dagar
Test:	EC50
Resultat:	>50 mg/L

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Testmetod:	OECD 211
Art:	Kräftdjur, Daphnia magna
Varaktighet:	21 dagar
Test:	NOEC
Resultat:	50 mg/L

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Testmetod:	OECD 211

Art:	Kräftdjur, Daphnia magna
Varaktighet:	21 dagar
Test:	LOEC
Resultat:	>50 mg/L

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Testmetod:	OECD 201
Art:	Alger, Desmodesmus subspicatus
Varaktighet:	72 timmar
Test:	EbC50
Resultat:	1223 mg/L

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Testmetod:	OECD 201
Art:	Alger, Desmodesmus subspicatus
Varaktighet:	72 timmar
Test:	ErC50
Resultat:	221 mg/L

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Testmetod:	OECD 201
Art:	Alger, Desmodesmus subspicatus
Varaktighet:	72 timmar
Test:	NOEC
Resultat:	10,5 mg/L

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Testmetod:	OECD 201
Art:	Alger, Desmodesmus subspicatus
Varaktighet:	72 timmar
Test:	LOEC
Resultat:	21 mg/L

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

12.2. ▼Persistens och nedbrytbarhet

Produkt/Ämne	Neodecanoic acid
Slutsats:	Lätt biologiskt nedbrytbar

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
Resultat:	>95%
Slutsats:	Lätt biologiskt nedbrytbar

12.3. Bioackumuleringsförmåga

Produkt/Ämne	Neodecanoic acid
Del av miljön:	Sötvattenssediment
Varaktighet:	14 dagar
BCF:	<225
LogKow:	2.08
Slutsats:	Bioackumulering förväntas ej

Produkt/Ämne	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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

Avfallskategorin 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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Förpackningsgrupp

** Miljöfaror

Annat

Ej farligt gods i enlighet med ADR, IATA och IMDG.

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.
Gravida och ammande skall ej utsättas för påverkan från produkten. Risken samt möjligheterna till tekniska försiktighetsåtgärder eller anpassning av arbetsplatsen för att undvika sådan påverkan skall därför övervägas.

Krav på särskild utbildning:

Inga särskilda krav.

SEVESO - Farokategorier / Farliga ämnen:

Ej tillämpligt.

Annat:

Ej tillämpligt.

Källor:

Arbetsmiljöverkets föreskrifter och allmänna råd (AFS 2023:2) om planering och organisering av arbetsmiljöarbete – grundläggande skyldigheter för dig med arbetsgivaransvar
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
H319, Orsakar allvarlig ögonirritation.

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-faroangivelser = kompletterande faroangivelser 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 säkerhetsdatabladen 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

iG.85 patio cleaner

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

Product identifier

Trade name:
iG.85 patio cleaner

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:
8/8/2025

SDS Version:
2.0

Date of previous version:
26/5/2025 (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

Classification of the substance or mixture

Not classified according to SS 586-2:2022.

Label elements

Hazard pictogram(s):
Not applicable.

Signal word:

Not applicable.

Hazard statement(s):
Not applicable.

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

Advice for firefighters
No specific requirements.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
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
Avoid contact during pregnancy and while nursing.
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

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
No substances are listed in the Workplace Safety and Health Act with a permissible exposure limit.

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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odour:
Characteristic

Odour threshold (ppm):
No data available.

pH:
8.4

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

n-octanol/water coefficient (LogKow):
No data available.

Solubility in fat (g/L):
No data available.

Other information

Other physical and chemical parameters:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3800 mg/kg

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

Skin corrosion/irritation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (Not irritating)

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance	Neodecanoic acid

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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	Neodecanoic acid
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Result:	>100 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	> 1000 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201

Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50
Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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 information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information
Not dangerous goods according to ADR, IATA and IMDG.

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.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

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
H319, Causes serious eye irritation.

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

A safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

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

iG.85 patio cleaner

ODDELEK 1: IDENTIFIKACIJA SNOVI/ZMESI IN DRUŽBE/PODJETJA

1.1. Identifikator izdelka

Trgovsko ime:
iG.85 patio cleaner

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:
8. 08. 2025

Različica SDS:
2.0

Datum prejšnje izdaje:
26. 05. 2025 (1.0)

1.4. Telefonska številka za nujne primere

112
Glejte oddelek 4 "Ukrepi za prvo pomoč

ODDELEK 2: DOLOČITEV NEVARNOSTI

2.1. Razvrstitev snovi ali zmesi

Ni klasificirano v skladu z Uredbo (ES) št. 1272/2008 (CLP).

2.2. Elementi etikete

Piktogram(i) za nevarnost:
Se ne uporablja.

Opozorilna beseda:
Se ne uporablja.

Stavki o nevarnosti:
Se ne uporablja.

Previdnostni stavki:

▼*Splošno:*
Se ne uporablja.

▼*Preprečevanje:*
Se ne uporablja.

▼*Odgovor:*
Se ne uporablja.

▼*Shramba:*
Se ne uporablja.

▼*Odstranjevanje:*
Se ne uporablja.

Identiteta snovi, ki so primarno odgovorne za vecja zdravstvena tveganja:
Ne vsebuje snovi, ki so potrebne za poročanje

▼*Dodatno označevanje:*
EUH210, Varnosti list na voljo na zahtevo.
Se ne uporablja.

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
Neodecanoic acid	Št. CAS: 26896-20-8 Št. ES: 248-093-9 REACH: Indeksna št.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	Št. CAS: 24634-61-5 Št. ES: 246-376-1 REACH: Indeksna št.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

Poglejte celotno besedilo o H-stavkih v oddelek 16. Mejne vrednosti poklicne izpostavljenosti so naštete 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:*
V primeru nelagodja: pospremite osebo na svež zrak.

Stik s kožo:
V primeru draženja: splahnite izdelek. V primeru ponavljajočega draženja: Poiščite zdravniško pomoč.

▼*Stik z očmi:*
Rahlo izperite s toplo vodo. Če to lahko zlahka storite, odstranite kontaktne leče. Nadaljujte z izpiranjem. V primeru vztrajnega draženja oči ali neugodja: poiščite zdravniško pomoč.

▼*Zaužitje:*
Temeljito sperite usta in pijte velike količine vode. V primeru nadaljevanja neugodja: poiščite zdravniško pomoč in vzamite ta varnostni list s seboj.

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
Ob izbruhu ognja pride do gostega dima. Izpostavljenost katabolničnim 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 / CO2)
Nekateri kovinski oksidi

5.3. Nasvet za gasilce
Ni posebnih zahtev.

ODDELEK 6: UKREPI OB NENAMERNIH IZPUSTIH

6.1. Osebni varnostni ukrepi, zaščitna oprema in postopki v sili
Kontaminirana območja so lahko spolzka.

6.2. Okoljevarstveni ukrepi
Izogibajte se izpustom v jezera, potoke, kanalizacijo, itd.
Nepooblaščene osebe naj se ne približujejo razlitju

6.3. Metode in materiali za zadrževanje in čiščenje
Razlitje omejite in zberite z nevnetljivim, 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. Sklicevanje 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

Preprečiti stik med nosečnostjo in dojenjem.
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

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

Izdelek ne vsebuje nobenih snovi, navedenih na slovenskem seznamu snovi z mejnimi vrednostmi poklicne izpostavljenosti.

DNEL

Neodecanoic acid

Trajanje:	**Način izpostavljenosti:**	**DNEL:**
Dolgoročno - sistemski učinki - delavci	Dermalno	29 mg/kg bw/day
Dolgoročno - sistemski učinki - delavci	Dermalno	7.4 mg/kg bw/day
Dolgoročno - sistemski učinki - splošna populacija	Dermalno	17.5 mg/kg bw/day
Dolgoročno - sistemski učinki - splošna populacija	Dermalno	1.06 mg/kg bw/day
Dolgoročno - lokalni učinki - splošna populacija	Inhalacija	6.52 mg/m³
Dolgoročno - sistemski učinki - delavci	Inhalacija	86 mg/m³
Dolgoročno - sistemski učinki - delavci	Inhalacija	22.04 mg/m³
Dolgoročno - sistemski učinki - splošna populacija	Inhalacija	25.79 mg/m³
Dolgoročno - sistemski učinki - splošna populacija	Oralno	17.5 mg/kg bw/day
Dolgoročno - sistemski učinki - splošna populacija	Oralno	1.88 mg/kg bw/day

potassium (E,E)-hexa-2,4-dienoate

Trajanje:	**Način izpostavljenosti:**	**DNEL:**
Dolgoročno - lokalni učinki - splošna populacija	Dermalno	170 µg/cm²
Dolgoročno - sistemski učinki - delavci	Dermalno	40 mg/kg/day
Dolgoročno - sistemski učinki - delavci	Dermalno	40 mg/kg bw/day
Dolgoročno - sistemski učinki - splošna populacija	Dermalno	20 mg/kg/day
Dolgoročno - sistemski učinki - splošna populacija	Dermalno	20 mg/kg bw/day
Dolgoročno - lokalni učinki - splošna populacija	Inhalacija	26.08 mg/m³
Dolgoročno - sistemski učinki - delavci	Inhalacija	17,63 mg/m³
Dolgoročno - sistemski učinki - delavci	Inhalacija	17.63 mg/m³
Dolgoročno - sistemski učinki - splošna populacija	Inhalacija	52,17 mg/m³

Dolgoročno - sistemski učinki - splošna populacija	Inhalacija	52.17 mg/m³
Dolgoročno - sistemski učinki - splošna populacija	Oralno	2 mg/kg/day
Dolgoročno - sistemski učinki - splošna populacija	Oralno	2 mg/kg bw/day

PNEC

Neodecanoic acid

Način izpostavljenosti:	**Trajanje izpostavljenosti:**	**PNEC:**
Morska voda		11 µg/L
Morska voda		0.0478 mg/L
Plenilci		16.7 mg/kg
Sladka voda		110 µg/L
Sladka voda		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Način izpostavljenosti:	**Trajanje izpostavljenosti:**	**PNEC:**
Morska usedlina		0,000173 g/cm³
Morska usedlina		360 µg/kg
Morska voda		0,000048 g/cm³
Morska voda		100 µg/L
Naprava za čiščenje odplak		0,01 g/cm³
Naprava za čiščenje odplak		10 mg/L
Občasno spuščanje (sladka voda)		0.48 mg/L
Sladka voda		0,00048 g/cm³
Sladka voda		1 mg/L
Sladkovona usedlina		0,00173 g/cm³
Sladkovona usedlina		3.6 mg/kg
Tla		0,00167 g/cm³
Tla		1.67 mg/kg
Tla		0.276 mg/kg

8.2. ▼Nadzor izpostavljenosti

Izvajajte splošni nadzor za preprečitev nepotrebne izpostavitve.

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:

Za snovi v tem izdelku ni najvišje mejne vrednosti za izpostavljenost.

Primerni tehnični ukrepi:

Med uporabo izdelka upoštevajte varnostne ukrepe. Izogibajte se vdihavanju hlapov.

▼*Higienski ukrepi:*

Po uporabi si umijte roke.

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:

Material	Debelina rokavice (mm)	Čas prodiranja (min.)	Standarde	
Brez posebnosti, ko je v nameravani uporabi	-	-	-	

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:*
Brezbarven

Vonj / Mejne vrednosti vonja (ppm):
Značilen

pH:
8.4

Gostota (g/cm³):
1,05 (20 °C)

Kinematična viskoznost:
Podatki niso na voljo.

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:
Povsem topno

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:
ND: 1.389

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	Neodecanoic acid
Vrste:	Podgana
Način izpostavljenosti:	Inhalacija
Test:	LC50
Rezultat:	> 3 mg/L

Izdelek/sestavina	Neodecanoic acid
Vrste:	Zajec
Način izpostavljenosti:	Dermalno
Test:	LD50
Rezultat:	> 3640 mg/kg

Izdelek/sestavina	Neodecanoic acid
Vrste:	Podgana
Način izpostavljenosti:	Oralno
Test:	LD50
Rezultat:	2066 mg/kg

Izdelek/sestavina	Neodecanoic acid
Način izpostavljenosti:	Oralno
Rezultat:	2500 mg/kg

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Vrste:	Podgana
Način izpostavljenosti:	Oralno
Test:	LD50
Rezultat:	3800 mg/kg

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

Jedkost / draženje kože

Izdelek/sestavina	Neodecanoic acid
Rezultat:	Škodljivi učinki niso bili ugotovljeni (Ne draži)

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Rezultat:	Ugotovljeni škodljivi učinki (Draži)

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

Resna poškodba/draženje oči

Izdelek/sestavina	Neodecanoic acid

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Rezultat:	Ugotovljeni škodljivi učinki (Draži)

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

Preobčutljivost dihal

Izdelek/sestavina	Neodecanoic acid
Rezultat:	Škodljivi učinki niso bili ugotovljeni (ne senzibilizira)

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

Preobčutljivost kože

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

Mutagenost zarodnih celic

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

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

Ni znano.

ODDELEK 12: EKOLOŠKI PODATKI

12.1. Strupenost

Izdelek/sestavina	Neodecanoic acid
Vrste:	Alge, Pseudokirchneriella subcapitata
Trajanje:	72 ur
Rezultat:	>100 mg/L

Izdelek/sestavina	Neodecanoic acid
Vrste:	Vodna bolha, Daphnia magna
Trajanje:	48 ur
Rezultat:	> 1000 mg/L

Izdelek/sestavina	Neodecanoic acid
Vrste:	Riba, Oncorhynchus mykiss
Trajanje:	96 ur
Rezultat:	100-300 mg/L

Izdelek/sestavina	Neodecanoic acid
Vrste:	Vodna bolha, Daphnia magna
Trajanje:	21 dneh
Rezultat:	10.1 mg/L

Izdelek/sestavina	Neodecanoic acid
Vrste:	Riba, Oncorhynchus mykiss
Trajanje:	14 dneh
Test:	NOEC
Rezultat:	2.22 mg/L

Izdelek/sestavina	Neodecanoic acid
Vrste:	Vodna bolha, Daphnia magna
Trajanje:	21 dneh
Test:	NOEC
Rezultat:	4.78 mg/L

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Testni metoda:	OECD 203
Vrste:	Riba, Brachydanio rerio
Trajanje:	96 ur
Test:	LC50
Rezultat:	>500 mg/L

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Testni metoda:	OECD 202
Vrste:	Rak, Daphnia magna
Trajanje:	48 ur
Test:	EC50
Rezultat:	982 mg/L

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Testni metoda:	OECD 211
Vrste:	Rak, Daphnia magna
Trajanje:	21 dneh
Test:	LC50
Rezultat:	>50 mg/L

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Testni metoda:	OECD 211
Vrste:	Rak, Daphnia magna
Trajanje:	21 dneh
Test:	EC50
Rezultat:	>50 mg/L

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Testni metoda:	OECD 211
Vrste:	Rak, Daphnia magna
Trajanje:	21 dneh
Test:	NOEC
Rezultat:	50 mg/L

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Testni metoda:	OECD 211
Vrste:	Rak, Daphnia magna
Trajanje:	21 dneh
Test:	LOEC
Rezultat:	>50 mg/L

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Testni metoda:	OECD 201
Vrste:	Alge, Desmodesmus subspicatus
Trajanje:	72 ur
Test:	EbC50
Rezultat:	1223 mg/L

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Testni metoda:	OECD 201
Vrste:	Alge, Desmodesmus subspicatus
Trajanje:	72 ur
Test:	ErC50
Rezultat:	221 mg/L

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Testni metoda:	OECD 201
Vrste:	Alge, Desmodesmus subspicatus
Trajanje:	72 ur
Test:	NOEC
Rezultat:	10,5 mg/L

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Testni metoda:	OECD 201
Vrste:	Alge, Desmodesmus subspicatus
Trajanje:	72 ur
Test:	LOEC
Rezultat:	21 mg/L

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

12.2. Obstojnost in razgradljivost

Izdelek/sestavina	Neodecanoic acid
Zaključek:	Hiter biološki razkroj

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
Rezultat:	>95%
Zaključek:	Hiter biološki razkroj

12.3. Zmožnost kopičenja v organizmih

Izdelek/sestavina	Neodecanoic acid
Oddelek okolja:	Sladkovona usedlina

Trajanje:	14 dneh
BCF:	<225
LogKow:	2.08
Zaključek:	Bioakumulacija ni pričakovana

Izdelek/sestavina	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Skupina embalaže

** Nevarnosti za okolje

Dodatne informacije
Ni naveden kot nevarno blago, v skladu s predpisi ADR, IATA in IMDG.

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, specificni za snov ali zmes

Omejitve za uporabo:
Samo za poklicne uporabnike.

Nosečnice in doječe matere ne smejo biti izpostavljene učinkom tega izdelka. Potrebno je oceniti tveganje, kot tudi morebitne tehnične ukrepe ali oblikovanja delovnega mesta, da bi se izognili takšnemu tveganju.

Zahteve za posebno izobraževanje:
Ni posebnih zahtev.

SEVESO - Kategorije nevarnih snovi / Imenovane nevarne snovi:
Se ne uporablja.

Dodatne informacije:
Se ne uporablja.

Viri:
Zakon o delovnih razmerjih (ZDR-1) ǂ z dne 5. marca 2013.
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
H319, Povzroča hudo draženje oči.

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 ladij, 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

V skladu z 31. členom uredbe REACH, ta izdelek ne potrebuje varnostnega lista. Ta varnostni list je bil ustvarjen na prostovoljni osnovi za distribucijo ustreznih informacij v skladu z 32. členom uredbe REACH.

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

iG.85 patio cleaner

ODDIEL 1: IDENTIFIKÁCIA LÁTKY/ZMESI A SPOLOČNOSTI/PODNIKU

1.1. Identifikátor produktu

Názov produktu:
iG.85 patio cleaner

1.2. Relevantné identifikované použitia látky alebo zmesi a použitia, ktoré sa neodporúčajú

Relevantné identifikované použitia látky alebo zmesi:
Čistiace a čistiace 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:
8. 8. 2025

Verzia KBÚ:
2.0

Dátum predchádzajúceho vydania:
26. 5. 2025 (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

2.1. Klasifikácia látky alebo zmesi

Nie je klasifikovaný podľa nariadenia (ES) č. 1272/2008 (CLP).

2.2. Prvky označovania

Výstražný/-é piktogram/-y:
Nerelevantné.

Výstražné slová:
Nerelevantné.

Výstražné upozornenie/-a:
Nerelevantné.

Bezpečnostné upozornenia:

▼*Všeobecné:*
Nerelevantné.

▼*Prevencia:*
Nerelevantné.

▼*Odozva:*
Nerelevantné.

▼*Uchovávanie:*
Nerelevantné.

▼*Zneškodňovanie:*
Nerelevantné.

Identifikácia látok primárne zodpovedných za hlavné zdravotné riziká:
Neobsahuje žiadne látky, ktoré ste povinný nahlásiť

▼*Ďalšie označovanie (etiketácia):*
EUH210, Na požiadanie možno poskytnúť kartu bezpečnostných údajov.
Nerelevantné.

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
Neodecanoic acid	Č. CAS: 26896-20-8 Č. EC: 248-093-9 REACH: Indexové č.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	Č. CAS: 24634-61-5 Č. EC: 246-376-1 REACH: Indexové č.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

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:*
V prípade ťažkostí: zoberte osobu na čerstvý vzduch.

Styk s pokožkou:
V prípade podráždenia: produkt opláchnite. V prípade pretrvávajúceho podráždenia: Vyhľadajte lekársku pomoc.

▼*Zasiahnutie očí:*
Jemne opláchnite vlažnou vodou. Ak používate kontaktné šošovky a ak je to možné odstráňte ich. Pokračujte vo vyplachovaní. V prípade pretrvávajúceho podráždenia očí alebo nepohodlia: Vyhľadajte lekársku pomoc.

▼*Požitie:*
Ústa dôkladne vypláchnite a vypite veľké množstvo vody. V prípade pretrvávajúcich ťažkostí: vyhľadajte lekársku pomoc a doneste so sebou kartu bezpečnostných údajov.

Popáleniny:
Nerelevantné.

4.2. Najdôležitejšie príznaky a účinky, akútne aj oneskorené
Žiadne známe.

4.3. Údaj o akejkoľvek potrebe okamžitej lekárskej starostlivosti a osobitného ošetrenia
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
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 / CO2)
Niektoré oxidy kovov

5.3. Pokyny pre požiarnikov
Žiadne špecifické požiadavky

ODDIEL 6: OPATRENIA PRI NÁHODNOM UVOĽNENÍ

6.1. Osobné bezpečnostné opatrenia, ochranné vybavenie a núdzové postupy
Kontaminované plochy môžu byť klzké.

6.2. Bezpečnostné opatrenia pre životné prostredie
Zabráňte vypúšťaniu do jazier, potokov, kanalizácií, atď.
Zabráňte prístupu nepovolaných 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 možností 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

Zabráňte kontaktu počas tehotenstva a dojčenia.
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

Kompatibility obalov:
Uchovávajte 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

Výrobok neobsahuje žiadne látky uvedené v slovenskom zozname látok s obmedzením pôsobenia na pracovisku.

DNEL

Neodecanoic acid

Doba:	Priebeh vystavenia:	DNEL:
Dlhodobo – systémové účinky - zamestnanci	Dermálne	29 mg/kg bw/day
Dlhodobo – systémové účinky - zamestnanci	Dermálne	7.4 mg/kg bw/day
Dlhodobo – systémové účinky – všeobecná populácia	Dermálne	17.5 mg/kg bw/day
Dlhodobo – systémové účinky – všeobecná populácia	Dermálne	1.06 mg/kg bw/day
Dlhodobo – systémové účinky – všeobecná populácia	Orálne	17.5 mg/kg bw/day
Dlhodobo – systémové účinky – všeobecná populácia	Orálne	1.88 mg/kg bw/day
Dlhodobo – lokálne účinky – všeobecná populácia	Vdýchnutie	6.52 mg/m³
Dlhodobo – systémové účinky - zamestnanci	Vdýchnutie	86 mg/m³
Dlhodobo – systémové účinky - zamestnanci	Vdýchnutie	22.04 mg/m³
Dlhodobo – systémové účinky – všeobecná populácia	Vdýchnutie	25.79 mg/m³

potassium (E,E)-hexa-2,4-dienoate

Doba:	Priebeh vystavenia:	DNEL:
Dlhodobo – lokálne účinky – všeobecná populácia	Dermálne	170 µg/cm²
Dlhodobo – systémové účinky - zamestnanci	Dermálne	40 mg/kg/day
Dlhodobo – systémové účinky - zamestnanci	Dermálne	40 mg/kg bw/day
Dlhodobo – systémové účinky – všeobecná populácia	Dermálne	20 mg/kg/day
Dlhodobo – systémové účinky – všeobecná populácia	Dermálne	20 mg/kg bw/day
Dlhodobo – systémové účinky – všeobecná populácia	Orálne	2 mg/kg/day
Dlhodobo – systémové účinky – všeobecná populácia	Orálne	2 mg/kg bw/day
Dlhodobo – lokálne účinky – všeobecná populácia	Vdýchnutie	26.08 mg/m³

Dlhodobo – systémové účinky - zamestnanci	Vdýchnutie	17,63 mg/m³
Dlhodobo – systémové účinky - zamestnanci	Vdýchnutie	17.63 mg/m³
Dlhodobo – systémové účinky – všeobecná populácia	Vdýchnutie	52,17 mg/m³
Dlhodobo – systémové účinky – všeobecná populácia	Vdýchnutie	52.17 mg/m³

PNEC

Neodecanoic acid

Priebeh vystavenia:	**Trvanie expozície:**	**PNEC:**
Morská voda		11 µg/L
Morská voda		0.0478 mg/L
Predátori		16.7 mg/kg
Sladká voda		110 µg/L
Sladká voda		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Priebeh vystavenia:	**Trvanie expozície:**	**PNEC:**
Čistiareň splaškov		0,01 g/cm³
Čistiareň splaškov		10 mg/L
Morská voda		0,000048 g/cm³
Morská voda		100 µg/L
Občasné uvoľňovanie (sladká voda)		0.48 mg/L
Pôda		0,00167 g/cm³
Pôda		1.67 mg/kg
Pôda		0.276 mg/kg
Sladká voda		0,00048 g/cm³
Sladká voda		1 mg/L
Sladkovodná usadenina		0,00173 g/cm³
Sladkovodná usadenina		3.6 mg/kg
Usadenina v morskej vode		0,000173 g/cm³
Usadenina v morskej vode		360 µg/kg

8.2. ▼Kontroly expozície

Uplatňujte všeobecnú kontrolu, aby sa zabránilo zbytočnému vystaveniu.

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 látky obsiahnuté v tomto produkte neexistujú žiadne maximálne expozičné limity.

Vhodné technické opatrenia:

Počas používania výrobku dodržiavajte štandardné bezpečnostné opatrenia. Zabráňte vdýchnutiu pár.

▼*Hygienické opatrenia:*

Po použití si umyte ruky.

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:

Materiál	Hrúbka (mm)	Doba prieniku (min.)	Normy	
Žiadne špeciálne požiadavky, ak sa používa podľa určenia	-	-	-	

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:*
Bezfarebná

Zápach / Prahová hodnota zápachu (ppm):
Charakteristický

pH:
8.4

Hustota (g/cm^3):
1,05 (20 °C)

Kinematická viskozita:
K dispozícii nie sú žiadne údaje.

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:
Úplne rozpustný

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:
ND: 1.389

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 vznikať nebezpečné produkty rozkladu.

ODDIEL 11: TOXIKOLOGICKÉ INFORMÁCIE

11.1. Informácie o triedach nebezpečnosti vymedzených v nariadení (ES) č. 1272/2008

Akútna toxicita

Výrobok/prísada	Neodecanoic acid
Testované živočíchy:	Potkan
Priebeh vystavenia:	Vdýchnutie
Skúška:	LC50
Výsledok:	> 3 mg/L

Výrobok/prísada	Neodecanoic acid
Testované živočíchy:	Králik
Priebeh vystavenia:	Dermálne
Skúška:	LD50
Výsledok:	> 3640 mg/kg

Výrobok/prísada	Neodecanoic acid
Testované živočíchy:	Potkan
Priebeh vystavenia:	Orálne
Skúška:	LD50
Výsledok:	2066 mg/kg

Výrobok/prísada	Neodecanoic acid
Priebeh vystavenia:	Orálne
Výsledok:	2500 mg/kg

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Testované živočíchy:	Potkan
Priebeh vystavenia:	Orálne
Skúška:	LD50
Výsledok:	3800 mg/kg

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

Poleptanie/podráždenie kože

Výrobok/prísada	Neodecanoic acid
Výsledok:	Nepozorované žiadne nepriaznivé účinky (Nedráždivý)

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Výsledok:	Pozorované nepriaznivé účinky (Dráždivý)

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

Vážne poškodenie/podráždenie očí

Výrobok/prísada	Neodecanoic acid

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Výsledok:	Pozorované nepriaznivé účinky (Dráždivý)

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

Respiračná senzibilizácia

Výrobok/prísada	Neodecanoic acid
Výsledok:	Nepozorované žiadne nepriaznivé účinky (nesenzibilizujúci)

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

Kožná senzibilizácia

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

Mutagenita zárodočných buniek

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

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 narúšajúce hormonálny systém vo vzťahu k zdraviu.

Iné informácie
Žiadne známe.

ODDIEL 12: EKOLOGICKÉ INFORMÁCIE

12.1. Toxicita

Výrobok/prísada	Neodecanoic acid
Testované živočíchy:	Riasy, Pseudokirchneriella subcapitata
Doba:	72 hodín
Výsledok:	>100 mg/L

Výrobok/prísada	Neodecanoic acid
Testované živočíchy:	Dafnie, Daphnia magna
Doba:	48 hodín
Výsledok:	> 1000 mg/L

Výrobok/prísada	Neodecanoic acid
Testované živočíchy:	Ryby, Oncorhynchus mykiss
Doba:	96 hodín
Výsledok:	100-300 mg/L

Výrobok/prísada	Neodecanoic acid
Testované živočíchy:	Dafnie, Daphnia magna
Doba:	21 dní
Výsledok:	10.1 mg/L

Výrobok/prísada	Neodecanoic acid
Testované živočíchy:	Ryby, Oncorhynchus mykiss
Doba:	14 dní
Skúška:	NOEC
Výsledok:	2.22 mg/L

Výrobok/prísada	Neodecanoic acid
Testované živočíchy:	Dafnie, Daphnia magna
Doba:	21 dní
Skúška:	NOEC
Výsledok:	4.78 mg/L

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Testovacia metóda:	OECD 203
Testované živočíchy:	Ryby, Brachydanio rerio
Doba:	96 hodín
Skúška:	LC50
Výsledok:	>500 mg/L

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Testovacia metóda:	OECD 202
Testované živočíchy:	Kôrovce, Daphnia magna
Doba:	48 hodín
Skúška:	EC50
Výsledok:	982 mg/L

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Testovacia metóda:	OECD 211
Testované živočíchy:	Kôrovce, Daphnia magna
Doba:	21 dní
Skúška:	LC50
Výsledok:	>50 mg/L

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Testovacia metóda:	OECD 211
Testované živočíchy:	Kôrovce, Daphnia magna
Doba:	21 dní
Skúška:	EC50
Výsledok:	>50 mg/L

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Testovacia metóda:	OECD 211
Testované živočíchy:	Kôrovce, Daphnia magna
Doba:	21 dní
Skúška:	NOEC
Výsledok:	50 mg/L

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Testovacia metóda:	OECD 211
Testované živočíchy:	Kôrovce, Daphnia magna
Doba:	21 dní
Skúška:	LOEC
Výsledok:	>50 mg/L

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Testovacia metóda:	OECD 201
Testované živočíchy:	Riasy, Desmodesmus subspicatus
Doba:	72 hodín
Skúška:	EbC50
Výsledok:	1223 mg/L

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Testovacia metóda:	OECD 201
Testované živočíchy:	Riasy, Desmodesmus subspicatus
Doba:	72 hodín
Skúška:	ErC50
Výsledok:	221 mg/L

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Testovacia metóda:	OECD 201
Testované živočíchy:	Riasy, Desmodesmus subspicatus
Doba:	72 hodín
Skúška:	NOEC
Výsledok:	10,5 mg/L

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Testovacia metóda:	OECD 201
Testované živočíchy:	Riasy, Desmodesmus subspicatus
Doba:	72 hodín
Skúška:	LOEC
Výsledok:	21 mg/L

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

12.2. Perzistencia a degradovateľnosť

Výrobok/prísada	Neodecanoic acid
Záver:	Ľahká biodegradovateľnosť

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
Výsledok:	>95%
Záver:	Ľahká biodegradovateľnosť

12.3. Bioakumulačný potenciál

Výrobok/prísada	Neodecanoic acid
Zložka životného prostredia :	Sladkovodná usadenina
Doba:	14 dní
BCF:	<225
LogKow:	2.08
Záver:	Bioakumulácia sa neočakáva

Výrobok/prísada	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Obalová skupina

** Nebezpečnosť pre životné prostredie

Ďalšie informácie
Nie je uvedený ako nebezpečný tovar podľa predpisov ADR, IATA a IMDG.

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.
Tehotné a dojčiace ženy sa nesmú dostať do kontaktu s týmto produktom. Riziko, možné technické bezpečnostné opatrenia alebo rozvrhnutie pracoviska sa preto musia prehodnotiť, aby sa zabránilo danému nebezpečenstvu.

Požiadavky na špecifické vzdelávanie:

Žiadne špecifické požiadavky

SEVESO - Kategórie nebezpečných látok / Menované nebezpečné látky:

Nerelevantné.

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 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

H319, Spôsobuje vážne podráždenie očí.

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

V súlade s článkom 31 nariadenia REACH sa pre tento výrobok karta bezpečnostných údajov nepožaduje. Táto karta bezpečnostných údajov bola vytvorená dobrovoľne s cieľom distribuovať relevantné informácie podľa článku 32 nariadenia REACH.

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 karty 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 karty bezpečnostných údajov skutočnému užívateľovi produktu. Informácie v tomto bezpečnostnom liste sa nemôžu použiť ako špecifikácia produktu.
Krajina-jazyk: SK-sk

MALZEME GÜVENLIK BILGI FORMU

iG.85 patio cleaner

BÖLÜM 1: MADDE/KARISIM VE ŞIRKET/YÜKLENICININ TANIMLANMASI

1.1. Madde /Karışımın kimliği

Ticari adi:
iG.85 patio cleaner

1.2. Madde veya karışımın belirlenmiş kullanımları ve tavsiye edilmeyen kullanımları

Madde veya karisimin ilgili belirlenmis kullanimlari:
Deterjanlar ve temizlik maddeleri (solvent bazlı olanlar dahil)
Sadece profesyonel kullanıcılar içindir.

Kullanilmasi 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:
8.08.2025

SDS Versiyonu:
2.0

Önceki Yayın Tarihi:
26.05.2025 (1.0)

1.4. Acil durum telefon numarasi

114
Ulusal veya yerel acil durum numarasını kullanın
Bkz bölüm 4 "İlk yardım önlemleri".

BÖLÜM 2: TEHLIKE TANIMLARI

2.1. Madde ve karışımın sınıflandırılması

Sınıflandırması, Etiketlenmesi ve Ambalajlanması (SEA) 11 Aralık 2013 Direktifi ve sayılı Resmi Gazete'de 28 848 yayımlanan göre Sınıflandırılmamış.

2.2. Etiket Unsurlari

Tehlike belirten resimli yazi(lar):
Uygulanamaz.

uyarı ifadesi:

Uygulanamaz.

Tehlike beyan(lar)i:
Uygulanamaz.

Güvenlik beyan(lar)i:

▼*Genel:*
Uygulanamaz.

▼*Önleyici:*
Uygulanamaz.

▼*Yanit:*
Uygulanamaz.

▼*Depolama:*
Uygulanamaz.

▼*Atik:*
Uygulanamaz.

Büyük saglik tehditlerinden birincil olarak sorumlu maddelerin kimligi:
Rapor etme zorunluluğu bulunan hiç bir madde içermez

▼*Ek Etiketleme:*
EUH210, Talep halinde güvenlik bilgi formu sağlanabilir.
Uygulanamaz.

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: BILESIMI/IÇINDEKILER HAKKINDA BILGI

3.1. Maddeler
Uygulanamaz. Bu ürün bir karışımdır.

3.2. Karışımlar

Ürün/içerik	Tanımlayıcılar	% w/w	Sınıflandırma	Notlar
Neodecanoic acid	CAS No.: 26896-20-8 EC No.: 248-093-9 REACH: Liste No.:	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5 EC No.: 246-376-1 REACH: Liste No.: 019-003-00-3	1-3%	Eye Irrit. 2, H319	

Bölüm 16'daki H terimlerinin tam metnine bakın. Mevcut ise mesleki sınırlar bölüm 8'de listelenmiştir.

Diger bilgiler
-

BÖLÜM 4: ILK YARDIM ÖNLEMLERI

4.1. İlk yardım önlemlerinin açıklaması

Genel bilgiler:
Kaza durumunda: Doktor veya acil servise başvırın, 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.

▼*Soluma:*
Rahatsızlık durumunda: kişiyi temiz havaya çıkarınız.

Cilt ile temas:
Tahriş durumunda: ürünü yıkayınız. Tahrişin devam etmesi durumunda: Doktora başvurunuz.

▼*Göz ile temas:*
Ilık suyla hafifçe durulayın. Yapması kolaysa kontakt lensleri çıkarın. Durulamaya devam edin. Kalıcı göz tahrişi veya rahatsızlığı durumunda: Tıbbi destek alın.

▼*Yutma:*
Ağzını iyice yıkayınız ve çok miktarda su içiniz. Rahatsızlığın devam etmesi durumunda: doktora başvurunuz ve bu güvenlik veri sayfasını yanınızda götürünüz.

Yaniklar:
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 ÖNLEMLERI

5.1. Yangın söndürücüler
Uygulanamaz.

5.2. Madde veya karışımdan kaynaklanan özel zararlar
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 / CO2)
Bazı metal oksitler

5.3. Yangın söndürme ekipleri için tavsiyeler
Belirli gereksinimler yoktur.

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, diyatomlu 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

Hamilelik ve emzirme dönemlerinde temas kurmayın.
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

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 KONTROLLERI/KISISEL KORUMA

8.1. Kontrol parametreleri

Ürün, çalışma alanı maruz kalma limitli madde olarak Türkiye listesinde bulunan maddeler içermez.

DNEL

Neodecanoic acid

Süresi:	Maruz kalma şekli:	DNEL:
Uzun Vade - sistemik etkiler - genel nüfus	Ağız yolu	17.5 mg/kg/gün
Uzun Vade - sistemik etkiler - genel nüfus	Ağız yolu	1.88 mg/kg/gün
Uzun Vade - Sistemik Etkiler - Çalışanlar	Cilt yolu	29 mg/kg/gün
Uzun Vade - Sistemik Etkiler - Çalışanlar	Cilt yolu	7.4 mg/kg/gün
Uzun Vade - sistemik etkiler - genel nüfus	Cilt yolu	17.5 mg/kg/gün
Uzun Vade - sistemik etkiler - genel nüfus	Cilt yolu	1.06 mg/kg/gün
Uzun vade - lokal etkiler - Genel nüfus	Solunum yolu	6.52 mg/m³
Uzun Vade - Sistemik Etkiler - Çalışanlar	Solunum yolu	86 mg/m³
Uzun Vade - Sistemik Etkiler - Çalışanlar	Solunum yolu	22.04 mg/m³
Uzun Vade - sistemik etkiler - genel nüfus	Solunum yolu	25.79 mg/m³

potassium (E,E)-hexa-2,4-dienoate

Süresi:	Maruz kalma şekli:	DNEL:
Uzun Vade - sistemik etkiler - genel nüfus	Ağız yolu	2 mg/kg/day
Uzun Vade - sistemik etkiler - genel nüfus	Ağız yolu	2 mg/kg/gün
Uzun vade - lokal etkiler - Genel nüfus	Cilt yolu	170 µg/cm²
Uzun Vade - Sistemik Etkiler - Çalışanlar	Cilt yolu	40 mg/kg/day
Uzun Vade - Sistemik Etkiler - Çalışanlar	Cilt yolu	40 mg/kg/gün
Uzun Vade - sistemik etkiler - genel nüfus	Cilt yolu	20 mg/kg/day
Uzun Vade - sistemik etkiler - genel nüfus	Cilt yolu	20 mg/kg/gün
Uzun vade - lokal etkiler - Genel nüfus	Solunum yolu	26.08 mg/m³

Uzun Vade - Sistemik Etkiler - Çalışanlar	Solunum yolu	17,63 mg/m³
Uzun Vade - Sistemik Etkiler - Çalışanlar	Solunum yolu	17.63 mg/m³
Uzun Vade - sistemik etkiler - genel nüfus	Solunum yolu	52,17 mg/m³
Uzun Vade - sistemik etkiler - genel nüfus	Solunum yolu	52.17 mg/m³

PNEC

Neodecanoic acid

Maruz kalma şekli:	**Maruz Kalma Süresi:**	**PNEC:**
Deniz suyu		11 µg/L
Deniz suyu		0.0478 mg/L
Predatorler		16.7 mg/kg
Temiz su		110 µg/L
Temiz su		0.478 mg/L

potassium (E,E)-hexa-2,4-dienoate

Maruz kalma şekli:	**Maruz Kalma Süresi:**	**PNEC:**
Aralıklı serbest bırakma (temiz su)		0.48 mg/L
Atık su Arıtma Tesisi		0,01 g/cm³
Atık su Arıtma Tesisi		10 mg/L
Deniz suyu		0,000048 g/cm³
Deniz suyu		100 µg/L
deniz suyu tortusu		0,000173 g/cm³
deniz suyu tortusu		360 µg/kg
Temiz su		0,00048 g/cm³
Temiz su		1 mg/L
Temiz su tortusu		0,00173 g/cm³
Temiz su tortusu		3.6 mg/kg
toprak		0,00167 g/cm³
toprak		1.67 mg/kg
toprak		0.276 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 senaryolari:

Bu ürün için uygulanan hiçbir maruz kalma senaryosu bulunmamaktadır.

Maruz kalma sinirlari:

Bu ürün içerisinde bulunan maddeler için maksimum maruz kalma limiti yoktur.

Ilgili teknik önlemler:

Ürünün kullanımı sırasında standart tedbirleri uygulayın. Buharı solumaktan kaçının.

▼*Hijyen önlemleri:*

Kullanımdan sonra ellerinizi yıkayın.

Çevresel maruz kalmayi engellemek üzere önlemler:

Belirli gereksinimler yoktur.

Kisisel koruma ekipmanlari gibi bireysel koruma önlemleri

Genel:

Sadece CE işaretli koruyucu ekipmanları kullanınız.

Soluma ekipmani:

Tipi	Sınıf	Renk	Standartlarına	
Amacına uygun kullanıldığında özel durum yoktur.				

Cildin korunmasi:

Önerilen	Tip/Kategori	Standartlarına	
Amacına uygun kullanıldığında özel durum yoktur	-	-	

Ellerin korunmasi:

Malzeme	Minimum tabaka kalınlığı (mm)	Delinme süresi (dakika)	Standartlarına	
Amacına uygun kullanıldığında özel durum yoktur	-	-	-	

Gözlerin korunmasi:

Tipi	Standartlarına	
Amacına uygun kullanıldığında özel durum yoktur.	-	

BÖLÜM 9: FIZIKSEL VE KIMYASAL ÖZELLIKLER

9.1. Temel fiziksel ve kimyasal özellikler hakkında bilgi

Sekil:
Sıvı

▼*Renk:*
Renksiz

Koku / Koku eşiği (ppm):
Karakteristik

pH:
8.4

Yogunluk (g/cm³):
1,05 (20 °C)

Kinematik vizkosite:
Veri bulunmamaktadır.

Partikül özellikleri:
Sıvılar uygulanmaz

Hal degisiklikleri

Erime noktası/Donma noktası (°C):
Veri bulunmamaktadır.

Yumuşama noktası/aralığı (°C):
Sıvılar uygulanmaz

Kaynama noktasi (°C):
Veri bulunmamaktadır.

Buhar basinci:
Veri bulunmamaktadır.

Bağıl buhar yoğunluğu:
Veri bulunmamaktadır.

Bozunma sıcaklığı (°C):
Veri bulunmamaktadır.

Yangin ve patlama tehlikeleri ile ilgili veriler

Parlama noktasi (°C):
Veri bulunmamaktadır.

Alevlenirlik (°C):
Veri bulunmamaktadır.

Kendi kendine yanma noktasi (°C):
Veri bulunmamaktadır.

Patlama sinirlari (% v/v):
Veri bulunmamaktadır.

Çözünebilirlik

Suda çözünebilirlik:
Tamamen çözünür

n-oktanol/su katsayisi (LogKow):
Veri bulunmamaktadır.

Yagda çözünebilirlik (g/L):
Veri bulunmamaktadır.

9.2. Diger bilgiler

Diğer fiziksel ve kimyasal parametreler:
ND: 1.389

Oksitleyici özellikler:
Veri bulunmamaktadır.

BÖLÜM 10: KARARLILIK VE REAKTIFLIK

10.1. Tepkime
Veri bulunmamaktadır.

10.2. Kimyasal kararlilik
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: TOKSIKOLOJIK BILGILER

11.1. Toksik etkiler hakkında bilgi

Akut toksik

Ürün/içerik	Neodecanoic acid
Tür:	Sıçan
Maruz kalma şekli:	Solunum yolu
Test:	LC50
Sonuç:	> 3 mg/L

Ürün/içerik	Neodecanoic acid
Tür:	Tavşan
Maruz kalma şekli:	Cilt yolu
Test:	LD50
Sonuç:	> 3640 mg/kg

Ürün/içerik	Neodecanoic acid
Tür:	Sıçan
Maruz kalma şekli:	Ağız yolu
Test:	LD50
Sonuç:	2066 mg/kg

Ürün/içerik	Neodecanoic acid
Maruz kalma şekli:	Ağız yolu
Sonuç:	2500 mg/kg

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Tür:	Sıçan
Maruz kalma şekli:	Ağız yolu
Test:	LD50
Sonuç:	3800 mg/kg

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Cilt asinmasi/tahris

Ürün/içerik	Neodecanoic acid
Sonuç:	Hiçbir yan etki gözlenmemiştir (Tahriş edici değildir)

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Sonuç:	Yan etki gözlemlenmiştir (Tahriş edici)

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Ciddi göz hasarları/tahrişi

Ürün/içerik	Neodecanoic acid

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Sonuç:	Yan etki gözlemlenmiştir (Tahriş edici)

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Solunum yollari hassaslasmasi

Ürün/içerik	Neodecanoic acid
Sonuç:	Hiçbir yan etki gözlenmemiştir (hassaslaştırıcı değil)

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Cilt hassaslasmasi

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Hastalikli hücre mutajenitesi

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Kanserojenlik

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Üreme toksisitesi

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

STOT- tekil maruz kalma

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

STOT - tekrarli 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
Hiçbiri bilinmiyor.

BÖLÜM 12: EKOLOJIK BILGILER

12.1. Toksisite

Ürün/içerik	Neodecanoic acid
Tür:	Yosun, Pseudokirchneriella subcapitata
Süresi:	72 saat
Sonuç:	>100 mg/L

Ürün/içerik	Neodecanoic acid
Tür:	Defne, Daphnia magna
Süresi:	48 saat
Sonuç:	> 1000 mg/L

Ürün/içerik	Neodecanoic acid
Tür:	Balık, Oncorhynchus mykiss
Süresi:	96 saat
Sonuç:	100-300 mg/L

Ürün/içerik	Neodecanoic acid
Tür:	Defne, Daphnia magna
Süresi:	21 günler
Sonuç:	10.1 mg/L

Ürün/içerik	Neodecanoic acid
Tür:	Balık, Oncorhynchus mykiss
Süresi:	14 günler
Test:	NOEC
Sonuç:	2.22 mg/L

Ürün/içerik	Neodecanoic acid
Tür:	Defne, Daphnia magna
Süresi:	21 günler
Test:	NOEC
Sonuç:	4.78 mg/L

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Test metodu:	OECD 203
Tür:	Balık, Brachydanio rerio
Süresi:	96 saat
Test:	LC50
Sonuç:	>500 mg/L

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Test metodu:	OECD 202
Tür:	Kabuklı, Daphnia magna
Süresi:	48 saat
Test:	EC50
Sonuç:	982 mg/L

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Test metodu:	OECD 211
Tür:	Kabuklı, Daphnia magna
Süresi:	21 günler
Test:	LC50
Sonuç:	>50 mg/L

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Test metodu:	OECD 211
Tür:	Kabuklı, Daphnia magna
Süresi:	21 günler
Test:	EC50
Sonuç:	>50 mg/L

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Test metodu:	OECD 211
Tür:	Kabuklı, Daphnia magna
Süresi:	21 günler
Test:	NOEC
Sonuç:	50 mg/L

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Test metodu:	OECD 211
Tür:	Kabuklı, Daphnia magna
Süresi:	21 günler
Test:	LOEC
Sonuç:	>50 mg/L

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Test metodu:	OECD 201
Tür:	Yosun, Desmodesmus subspicatus
Süresi:	72 saat
Test:	EbC50
Sonuç:	1223 mg/L

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Test metodu:	OECD 201
Tür:	Yosun, Desmodesmus subspicatus
Süresi:	72 saat
Test:	ErC50
Sonuç:	221 mg/L

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Test metodu:	OECD 201
Tür:	Yosun, Desmodesmus subspicatus
Süresi:	72 saat
Test:	NOEC
Sonuç:	10,5 mg/L

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Test metodu:	OECD 201
Tür:	Yosun, Desmodesmus subspicatus
Süresi:	72 saat
Test:	LOEC
Sonuç:	21 mg/L

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

12.2. Kalıcılık ve bozunabilirlik

Ürün/içerik	Neodecanoic acid
Sonuç:	Kolay biyobozunabilirlik

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
Sonuç:	>95%
Sonuç:	Kolay biyobozunabilirlik

12.3. Biyobirikim potansiyeli

Ürün/içerik	Neodecanoic acid
Ortamıdır:	Temiz su tortusu
Süresi:	14 günler
BCF:	<225
LogKow:	2.08
Sonuç:	Biyoakümülasyon beklenmemektedir

Ürün/içerik	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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. Diger olumsuz etkiler
Hiçbiri bilinmiyor.

BÖLÜM 13: ATIKLARIN ATILMASI ILE ILGILI HUSUSLAR

13.1. Atik isleme 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 BILGILERI

	14.1 UN	14.2 İsim ve tanım	14.3 Sınıf	14.4 PG*	14.5. Env**	Diger bilgiler:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Paketleme grubu

** Çevresel zararlar

Ek bilgiler
ADR, IATA ve IMDG düzenlemelerine göre tehlikeli mallar listesinde yer almamaktadır.

14.6. Kullanici için özel önlemler
Uygulanamaz.

14.7. MARPOL 73/78 ek II ve IBC koduna göre toplu taşımacılık

Veri bulunmamaktadır.

BÖLÜM 15: MEVZUAT BILGILERI

15.1. Madde veya karışıma özgü güvenlik, sağlık ve çevre mevzuatı

Uygulama ile ilgili sinirlamalar:
Sadece profesyonel kullanıcılar içindir.
Hamile ve emziren kadınlar bu ürünün etkilerine maruz bırakılmamalıdır. Bu nedenden dolayı risk, olası teknik önlemler ve bu tür risklerden kaçınılması için çalışma alanı tasarımı değerlendirilmelidir.

Özel egitim talepleri:
Belirli gereksinimler yoktur.

SEVESO - Tehlıkelı maddelerın zararlilik kategorıleri / Adlandirilmiş tehlikeli maddeler:
Uygulanamaz.

Ek bilgiler:
Uygulanamaz.

Kaynaklar:
İş Kanunu No. 4857 22.5.2003.
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, İZNİ VE KISITLANMASI HAKKINDA YÖNETMELİK.

15.2. Kimyasal güvenlik degerlendirmesi

Hayır

BÖLÜM 16: DIGER BILGILER

Bölüm 3'te belirtilen H terimlerinin tam metni
H319, Ciddi göz tahrişine yol açar.

Kısaltmalar ve eş anlamlılar
ACGIH = American Conference of Industrial Hygienists
ADN = Tehlikeli yüklerin iç su yollarında uluslararası taşınması 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 Toksisite - Tekrarlanan Maruziyet
STOT-SE = Özel Organ Hedefli Toksisite - 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

REACH'in 31. maddesine uyarınca güvenlik bilgi formu bu ürün için gerekli değildir. Bu güvenlik bilgi formu REACH'in 32. madde gereğince ilgili bilgiyi düzenlemek için gönüllülük esasıyla oluşturulmuştur.

Güvenlik bilgi formunu onaylayan

Quality & Compliance

Diger

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 kullanıcısına teslim edilmesi önerilir. Bu güvenlik bilgi formu içerisindeki bilgiler ürün spesifikasyonu olarak kullanılamaz.
Ülke-dil: TR-tr

SAFETY DATA SHEET

iG.85 patio cleaner

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name:
iG.85 patio cleaner

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:
8/8/2025

SDS Version:
2.0

Date of previous version:
5/26/2025 (1.0)

1.4. Emergency telephone number

Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL® (triage.webpoisoncontrol.org) to get specific guidance for your case
See also section 4 “First aid measures”.

SECTION 2: HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified according to HCS (29 CFR 1910.1200)

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):

Precautionary statement(s):

▼*General:*
Not applicable.

▼*Prevention:*
Not applicable.

▼*Response:*
Not applicable.

▼*Storage:*
Not applicable.

▼*Disposal:*
Not applicable.

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
Neodecanoic acid	CAS No.: 26896-20-8	10-15%		
potassium (E,E)-hexa-2,4-dienoate	CAS No.: 24634-61-5	1-3%	Eye Irrit. 2, H319	

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:
In case of discomfort: bring the person into fresh air.

Skin contact:
Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact:
Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

Ingestion:
Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

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
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 / CO2)
Some metal oxides

5.3. Advice for firefighters
No specific requirements.

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
Avoid contact during pregnancy and while nursing.
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

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 a permissible exposure limit (ref: 29 CFR 1910.1000 TABLE Z-1)

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:
Wash hands after use.

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:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

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:*
Colourless

Odor:
Characteristic

Odor threshold (ppm):
No data available.

pH:
8.4

Density (g/cm^3):
1.05 (20 °C)

Kinematic viscosity:
No data available.

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:
Completely soluble

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:
ND: 1.389

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	Neodecanoic acid
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 3 mg/L

Product/substance	Neodecanoic acid
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 3640 mg/kg

Product/substance	Neodecanoic acid
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2066 mg/kg

Product/substance	Neodecanoic acid
Route of exposure:	Oral
Result:	2500 mg/kg

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3800 mg/kg

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

Skin corrosion/irritation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (Not irritating)

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Serious eye damage/irritation

Product/substance	Neodecanoic acid

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	Adverse effect observed (Irritating)

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

Respiratory sensitisation

Product/substance	Neodecanoic acid
Result:	No adverse effect observed (not sensitising)

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

Skin sensitisation

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

Germ cell mutagenicity

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

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

2,2',2''-nitrilotriethanol has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	Neodecanoic acid
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Result:	>100 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	> 1000 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Result:	100-300 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days

Result:	10.1 mg/L

Product/substance	Neodecanoic acid
Species:	Fish, Oncorhynchus mykiss
Duration:	14 days
Test:	NOEC
Result:	2.22 mg/L

Product/substance	Neodecanoic acid
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	4.78 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>500 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	982 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	EC50
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 211
Species:	Crustacean, Daphnia magna
Duration:	21 days
Test:	LOEC
Result:	>50 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EbC50

Result:	1223 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	ErC50
Result:	221 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	10,5 mg/L

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	LOEC
Result:	21 mg/L

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

12.2. Persistence and degradability

Product/substance	Neodecanoic acid
Conclusion:	Readily biodegradable

Product/substance	potassium (E,E)-hexa-2,4-dienoate
Result:	>95%
Conclusion:	Readily biodegradable

12.3. Bioaccumulative potential

Product/substance	Neodecanoic acid
Compartment:	Freshwater sediment
Duration:	14 days
BCF:	<225
LogKow:	2.08
Conclusion:	Bioaccumulation is not expected

Product/substance	potassium (E,E)-hexa-2,4-dienoate
BCF:	2,6
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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to DOT, IATA and IMDG.

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

TSCA (the non-confidential portion):

2,2',2''-nitrilotriethanol is listed
Neodecanoic acid is listed
potassium (E,E)-hexa-2,4-dienoate 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:

None of the components are listed

CERCLA:

None of the components are listed

Hazardous chemical inventory reporting:

This product is not subject to Tier II reporting.

State regulations

California / Prop. 65:

None of the components are listed

Massachusetts / Right To Know Act:

None of the components are listed

New Jersey / Right To Know Act:

2,2',2''-nitrilotriethanol / Substance number: 4094

—

New York / Right To Know Act:

None of the components are listed

Pennsylvania / Right To Know Act:
2,2',2''-nitrilotriethanol is listed

—

15.4. Restrictions for application
Restricted to professional users.
Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

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
H319, Causes serious eye irritation.

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

In accordance with HCS (29 CFR 1910.1200(g)), a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information.

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