

How to find your Safety Data Sheet

1. Click the button with your country and language

2. Your SDS will open automatically

A

Aruba
Dutch

Australia
English

Austria
German

B

Belgium
Dutch

Belgium
French

Bosnia and Herzegovina
Serbian

Brazil
Portugese

Bulgaria
Bulgarian

C

Canada
English

Canada
French

Chile
Spanish

China
Chinese

Croatia
Croatian

Czech Republic
Czech

D

Denmark
Danish

E

Estonia
Estonian

F

Finland
Finnish

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G

Germany
German

Greece
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H

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I

Iceland
Icelandic

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English

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Ireland
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Italian

J

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Japanese

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Malay

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Montenegro
Serbian

N

Netherlands
Dutch

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English

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Norwegian

P

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Polish

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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

i.23 descaler foam

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

SDS created for the UNITED ARAB EMIRATES according to GHS

1.1. Product identifier

Trade name:

i.23 descaler foam

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:

12/02/2025

SDS Version:

1.0

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:
Danger

Hazard statement(s):
Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

Not applicable.

2.3. Other hazards

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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 direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:
Keep only in original packaging.

Storage conditions:
Dry, cool and well ventilated

Incompatible materials:
Keep only in original packaging.

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:

Ensure that eyewash stations and safety showers are located within easy reach.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.
Use only CE marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Brown

Odour:

Characteristic

Odour threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

Explosion limits (% v/v):

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

No data available.

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: EC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Species: Scenedesmus subspicatus
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 209
 Species: Pseudomonas putida
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, Brachydanio rerio
 Result: > 1 - 10 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: NOEC
 Result: > 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

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

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

Dispose of contents/container to an approved waste disposal plant.

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

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.

People under the age of 18 shall not be exposed to this product.

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

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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 GHS the evaluation of the classification of the mixture is based on:
The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.
The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

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

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

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

Country-language: AE-en

SICHERHEITSDATENBLATT

i.23 descaler foam

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

1.1. Produktidentifikator

Handelsname:
i.23 descaler foam

Eindeutiger Rezepturidentifikator (UFI):
E094-SY4R-6T7V-FTJ3

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:
12.02.2025

SDB Version:
1.0

1.4. Notrufnummer

Vergiftungsinformationszentrale (VIZ): +43 (0)1 406 43 43 (von 0 bis 24 Uhr)
Siehe auch Abschnitt 4 zu Erste-Hilfe-Maßnahmen

ABSCHNITT 2: MÖGLICHE GEFAHREN

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

2.1. Einstufung des Stoffs oder Gemischs

Skin Corr. 1; H314, Verursacht schwere Verätzungen der Haut und schwere Augenschäden.
Eye Dam. 1; H318, Verursacht schwere Augenschäden.

2.2. Kennzeichnungselemente

Gefahrenpiktogramme:



Signalwort:
Gefahr

Gefahrenhinweise:
Verursacht schwere Verätzungen der Haut und schwere Augenschäden. (H314)

Sicherheitshinweise:

Allgemeines:

-

Prävention:

Dampf/Nebel nicht einatmen. (P260)
Augenschutz/Schutzhandschuhe tragen. (P280)

Reaktion:

BEI BERÜHRUNG MIT DER HAUT (oder dem Haar): Alle kontaminierten Kleidungsstücke sofort ausziehen. Haut mit Wasser abwaschen oder duschen. (P303+P361+P353)
BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen. (P305+P351+P338)
Sofort GIFTINFORMATIONSZENTRUM/Arzt anrufen. (P310)

Lagerung:

-

Entsorgung:

Inhalt/Behälter gemäß lokalen Vorschriften zuführen. (P501)

Enthält:

D-Glucopyranose,oligomers,decyloctyl glycoside

Andere Kennzeichnungen:

UFI: E094-SY4R-6T7V-FTJ3

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:

5% - 15%
· Nichtionische tenside

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.
D-Glucopyranose,oligomers,decyloctyl glycoside	CAS-Nr.: 68515-73-1 EG-Nr.: REACH: Indexnr.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS-Nr.: 506-89-8 EG-Nr.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	

	REACH: Indexnr.:		STOT SE 3, H335	
Natriumhydroxid;Ätznatron	CAS-Nr.: 1310-73-2 EG-Nr.: 215-185-5 REACH: 01-2119457892-27-XXXX Indexnr.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

Vollständiger Text der H-Sätze - siehe Abschnitt 16. Die Grenzwerte für die Exposition am Arbeitsplatz sind, wenn verfügbar, in Abschnitt 8 wiedergegeben.

Weitere Angaben

[19] UVCB = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.

ABSCHNITT 4: ERSTE-HILFE-MAßNAHMEN

4.1. Beschreibung der Erste-Hilfe-Maßnahmen

Allgemeine Hinweise:

Bei Unfällen: Arzt oder Erste-Hilfe-Raum aufsuchen - das Etikett oder dieses Sicherheitsdatenblatt mitbringen.
Bei anhaltenden Symptomen oder Zweifel über den Zustand des Geschädigten ist ärztliche Hilfe aufzusuchen.
Einem Bewusstlosen nie Wasser o.Ä. verabreichen.

Nach Einatmen:

Bei Atembeschwerden oder Reizung der Atemwege: Betroffenen an die frische Luft bringen und beaufsichtigen.

Nach Hautkontakt:

Betroffenen Bereich über einen längeren Zeitraum spülen – mindestens 30 Minuten. Eventuell wird ein Ausspülen über mehrere Stunden erforderlich. Angenehme Wassertemperatur nutzen (20 bis 30 °C).
Giftinformationsstelle/Arzt/Krankenhaus für nähere Beratung zur Nachverfolgung und Behandlung kontaktieren.
Verunreinigte Kleidung und Schuhe entfernen. Haut, die mit dem Material in Kontakt gekommen ist, ist gründlich mit Wasser und Seife zu waschen. Es kann ein Hautreinigungsmittel verwendet werden. KEIN Lösungsmittel oder Verdünnner verwenden.
Bei Hautreizung: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

Nach Augenkontakt:

Bei Kontakt mit den Augen: Augen sofort mit viel Wasser (20-30 °C) mindestens 30 Minuten lang spülen, bis die Reizung aufhört. Ggf. Kontaktlinsen herausnehmen. Unter dem oberen und unteren Lid spülen. Sofort Arzt aufsuchen. Während des Transports weiter spülen.

Nach Verschlucken:

Bei Einnahme: mit einem Arzt Kontakt. Dem Geschädigten Wasser zu trinken geben, wenn er bei Bewusstsein ist.
KEIN Erbrechen erzwingen, es sei denn, der Arzt empfiehlt es. Kopf nach unten halten, um zu vermeiden, dass Erbrochenes zurück in Mund und Hals läuft. Schock vermeiden und den Geschädigten warm und ruhig halten.
Wenn die Atmung aufhört, künstlich beatmen. Bei Bewusstlosigkeit den Geschädigten in die stabile Seitenlage bringen. Krankenwagen rufen.

Verbrennung:

Nicht zutreffend.

4.2. Wichtigste akute und verzögert auftretende Symptome und Wirkungen

Gewebezerstörende Wirkungen: Das Produkt enthält ätzende Stoffe. Wenn Dampf oder Sprühnebel eingeatmet wird, kann dies zu Lungenschäden führen und Reizung und Brennen der Atmungsorgane sowie Husten auslösen. Ätzende Stoffe verursachen unumkehrbare Schäden der Augen. Verätzt die Haut.

4.3. Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung

BEI Exposition oder falls betroffen:

Sofort ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

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)

5.3. Hinweise für die Brandbekämpfung

Normale Einsatzbekleidung und voller Atemschutz. Wenden Sie sich an die Vergiftungsinformationszentrale (VIZ): +43 (0)1 406 43 43 (von 0 bis 24 Uhr), um weitere Ratschläge zu erhalten.

ABSCHNITT 6: MAßNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG

6.1. Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren

Direkten Kontakt mit dem ausgetretenen Stoff vermeiden.
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

Direkten Kontakt mit dem Produkt 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

Geöffnete Behälter sorgfältig verschließen und aufrecht lagern, um jegliches Auslaufen zu verhindern.

Geeigneten Verpackung:

Nur in Originalverpackung aufbewahren.

Lagerbedingungen:

Trocken, kühl und gut belüftet.

Unverträgliche Materialien:

Nur in Originalverpackung aufbewahren.

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

Das Produkt enthält keine Substanzen, die in der Grenzwertverordnung mit geltendem Arbeitsplatzgrenzwert enthalten sind.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	357000 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	595000 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	124 mg/m ³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	420 mg/m ³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	35.7 mg/kg/Tag

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		654 µg/kg
Kläranlagen		560 mg/L
Prädatoren		111.11 mg/kg
Pulsierende Freisetzung (Süßwasser)		270 µg/L
Seewasser		17.6 µg/L
Seewassersedimente		152 µg/kg
Süßwasser		176 µg/L
Süßwassersedimente		1.516 mg/kg

8.2. Begrenzung und Überwachung der Exposition

Generelle Kontrolle zum Verhindern unnötiger Freisetzung anwenden.

Allgemeine Hinweise:

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

Expositionsszenarien:

Für dieses Produkt wurden keine Expositionsszenarien implementiert.

Expositionsgrenzwerte:

Für die Inhaltsstoffe des Produktes liegen keine Expositionsgrenzen vor.

Zusätzliche Hinweise zur Gestaltung technischer Anlagen:

Stellen Sie sicher, dass Augenspülstationen und Notduschen leicht erreichbar sind.

Es gelten die üblichen Vorkehrungsmaßnahmen bei der Verwendung des Produkts. Einatmen von Dämpfen vermeiden.

Hygienemaßnahmen:

Bei jeder Pause in der Produktnutzung und bei Ende der Arbeiten sind exponierte Körperteile zu waschen. Besonders auf Hände, Unterarme und Gesicht achten.

Begrenzung der Umweltexposition:

Bei Arbeiten mit dem Produkt dafür sorgen, dass Auffangmaterial in unmittelbarer Nähe zur Verfügung steht. Während der Arbeit möglichst Auffangbehälter verwenden.

Individuelle Schutzmaßnahmen

Allgemeine Schutzmaßnahmen:

Kontaminierte Kleidung vor erneutem Tragen waschen.

Nur Schutzausrüstung mit CE-Kennzeichnung verwenden.

Atemschutz:

Typ	Klasse	Farbe	Normen	
Atemschutz ist im Falle ausreichender Belüftung nicht notwendig.				

Körperschutz:

Empfohlen	Typ/Kategorien	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch.	-	-	

Handschutz:

Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
Nitrilkautschuk	0.4	> 480	EN374-2, EN374-3, EN388	

Augenschutz:

Typ	Normen	
Schutzbrille mit Seitenschutz tragen	EN166	

ABSCHNITT 9: PHYSIKALISCHE UND CHEMISCHE EIGENSCHAFTEN

9.1. Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften

Form:

Flüssig

Farbe:

Braun

Geruch / Geruchsschwelle (ppm):

Charakteristisch

pH:

ca. 1.6

Dichte (g/cm³):

1,05 (20 °C)

Kinematische Viskosität:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Partikeleigenschaften:

Gilt nicht für Flüssigkeiten.

Zustandsänderungen

Schmelzpunkt/Gefrierpunkt (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Erweichungspunkt/ -bereich (°C):

Gilt nicht für Flüssigkeiten.

Siedepunkt (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Dampfdruck:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Relative Dampfdichte:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Zersetzungstemperatur (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Explosions und Feuer Daten

Flammpunkt (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Entzündbarkeit (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Zündtemperatur (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Explosionsgrenzen (% v/v):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Löslichkeit

Löslichkeit in Wasser:

Vollständig löslich

n-Octanol/Wasser Verteilungskoeffizient (LogKow):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Löslichkeit in Fett (g/L):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

9.2. Sonstige Angaben

Weitere physikalische und chemische Parameter:

ND: 1.354

Brandfördernde Eigenschaften:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

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

Nur in Originalverpackung aufbewahren.

10.6. Gefährliche Zersetzungsprodukte

Bei thermischer Zersetzung können ätzende Dämpfe entstehen.

ABSCHNITT 11: TOXIKOLOGISCHE ANGABEN

11.1. Angaben zu den Gefahrenklassen im Sinne der Verordnung (EG) Nr. 1272/2008

Akute Toxizität

Produkt / Substanz D-Glucopyranose, oligomers, decyloctyl glycoside

Prüfmethode:	OECD 401
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	> 5.000 mg/kg

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode:	OECD 402
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	> 2000 mg/L

Ätz-/Reizwirkung auf die Haut

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Ergebnis:	Keine schädlichen Wirkungen beobachtet (Nicht reizend)

Verursacht schwere Verätzungen der Haut und schwere Augenschäden.

Schwere Augenschädigung/-reizung

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Ergebnis:	Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Verursacht schwere Augenschäden.

Sensibilisierung der Atemwege

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

Gewebezerstörende Wirkungen: Das Produkt enthält ätzende Stoffe. Wenn Dampf oder Sprühnebel eingeatmet wird, kann dies zu Lungenschäden führen und Reizung und Brennen der Atmungsorgane sowie Husten auslösen. Ätzende Stoffe verursachen unumkehrbare Schäden der Augen. Verätzt die Haut.

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

Keine bekannt.

ABSCHNITT 12: UMWELTBEZOGENE ANGABEN

12.1. Toxizität

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode:	DIN EN ISO 7346-2

Spezies: Fisch, Brachydanio rerio
Test: LC50
Ergebnis: > 100 mg/L

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode: OECD 202
Spezies: Daphnia magna
Test: EC50
Ergebnis: > 100 mg/L

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
Spezies: Scenedesmus subspicatus
Test: EC50
Ergebnis: > 10 - 100 mg/L

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode: OECD 209
Spezies: Pseudomonas putida
Test: EC0
Ergebnis: > 100 mg/l mg/L

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode: OECD 204
Spezies: Fisch, Brachydanio rerio
Ergebnis: > 1 - 10 mg/L

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode: OECD 202
Spezies: Daphnia magna
Test: NOEC
Ergebnis: > 1 - 10 mg/L

12.2. Persistenz und Abbaubarkeit

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
Ergebnis: Leichte biologische Abbaubarkeit

Das in dieser Zubereitung enthaltene Tensid erfüllt (Die in dieser Zubereitung enthaltenen Tenside erfüllen) die Bedingungen der biologischen Abbaubarkeit wie sie in der Verordnung (EG) Nr. 648/2004 über Detergenzien festgelegt sind. Unterlagen, die dies bestätigen, werden für die zuständigen Behörden der Mitgliedsstaaten bereit gehalten und nur diesen entweder auf ihre direkte oder auf Bitte eines Detergenzienherstellers hin zur Verfügung gestellt.

12.3. Bioakkumulationspotenzial

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

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 sollte als gefährlicher Abfall behandelt werden. (*)
 HP 8 - Ätzend
 Inhalt/Behälter zugelassenem Entsorger oder kommunaler Sammelstelle zuführen.
 VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

Abfallschlüsselnr. (EWC):
 20 01 29* Reinigungsmittel, die gefährliche Stoffe enthalten

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. Envv**	Weitere Angaben:
ADR	UN3265	ÄTZENDER SAURER ORGANISCHER FLÜSSIGER STOFF, N.A.G.	Transportgefahren-klassen: 8 Gefahrzettel: 8 Klassifizierungscode: C3 	III	Nein	Begrenzte Mengen: 5 L Tunnelbes- chränkungsc- ode: (E) Nähere Information- en siehe unten.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Verpackungsgruppe

** Umweltgefahren

Anderes

Das Produkt fällt unter die Gefahrgutkonventionen.
 ADR / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe
 Tabelle A, Abschnitt 3.2.1. Schriftliche Anweisungen zur Schadensvermeidung bei transportbezogenen Un- oder
 Zwischenfällen siehe Abschnitt 5.4.3.

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.

Das Produkt darf erwerbsmäßig nicht von jungen Menschen unter 18 Jahren eingesetzt werden.

Bedarf für spezielle Schulung:

Keine besonderen Anforderungen.

Der Störfallverordnung - Gefahrenkategorien / Namentlich aufgeführte gefährliche Stoffe:

Nicht zutreffend.

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:

5% - 15%
· Nichtionische tenside

WGK-Einstufung:

Wassergefährdungsklasse: WGK 2

Anderes:

Das in dieser Zubereitung enthaltene Tensid erfüllt (Die in dieser Zubereitung enthaltenen Tenside erfüllen) die Bedingungen der biologischen Abbaubarkeit wie sie in der Verordnung (EG) Nr. 648/2004 über Detergenzien festgelegt sind. Unterlagen, die dies bestätigen, werden für die zuständigen Behörden der Mitgliedsstaaten bereit gehalten und nur diesen entweder auf ihre direkte oder auf Bitte eines Detergentienherstellers hin zur Verfügung gestellt.

Verwendete Quellen:

Bundesrecht konsolidiert: Gesamte Rechtsvorschrift für Beschäftigungsverbote und -beschränkungen für Jugendliche, Fassung vom 16.09.2021
VERORDNUNG (EG) Nr. 648/2004 des Europäischen Parlaments und des Rates vom 31. März 2004 über Detergenzien.
VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.
VERORDNUNG (EG) Nr. 1272/2008 des Europäischen Parlaments und des Rates vom 16. Dezember 2008 über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen (CLP).
Verordnung (EG) Nr. 1907/2006 des Europäischen Parlaments und des Rates vom 18. Dezember 2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe (REACH).

15.2. Stoffsicherheitsbeurteilung

Nein

ABSCHNITT 16: SONSTIGE ANGABEN

H-Sätze (Abschnitt 3)

H290, Kann gegenüber Metallen korrosiv sein.
H314, Verursacht schwere Verätzungen der Haut und schwere Augenschäden.
H315, Verursacht Hautreizungen.
H318, Verursacht schwere Augenschäden.
H319, Verursacht schwere Augenreizung.
H335, Kann die Atemwege reizen.

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

UVBC = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.

VOC = Flüchtige organische Verbindungen

vPvB = Sehr persistent und sehr bioakkumulierbar

WGK = Wassergefährdungsklasse

Zeitlich gemittelter Grenzwert = Zeitgewichtete Durchschnitts

Anderes

Die Klassifizierung der Mischung hinsichtlich der Gesundheitsgefahren entspricht den von der Verordnung (EU) Nr. 1272/2008 (CLP) vorgegebenen Berechnungsmethoden.

Die Klassifizierung der Mischung hinsichtlich Hautverätzung und ernster Augenverletzungen basiert auf dem von der Verordnung (EU) Nr. 1272/2008 (CLP) angegebenen pH-Kriterium.

Sicherheitsdatenblatt abgenommen durch

Quality & Compliance

Anderes

Änderungen im Verhältnis zur letzten umfassenden Revision (erste Ziffer in der SDS-Version, s. Abschnitt 1) dieses Sicherheitsdatenblatts sind mit einem Dreieck markiert.

Angaben in diesem Sicherheitsdatenblatt gelten nur für das Produkt in Abschnitt 1 und gelten nicht unbedingt bei Einsatz zusammen mit anderen Produkten.

Es wird empfohlen, dem tatsächlichen Produktbenutzer dieses Sicherheitsdatenblatt auszuhändigen. Die erwähnten Angaben sind nicht als Produktspezifikation zu verwenden.

Land-sprache: AT-de

SAFETY DATA SHEET

i.23 descaler foam

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

1.1. Product identifier

Trade name:

i.23 descaler foam

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:

12/2/2025

SDS Version:

1.0

1.4. Emergency telephone number

In an emergency call 000

In less severe situations call the Poisons Information Centre: 13 11 26 (Available 24/7 from anywhere in Australia)
See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

This material is considered hazardous according to the Work Health and Safety Regulations.

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:
Danger

Hazard statement(s):
Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

Not applicable.

2.3. Other hazards

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure call the NSW Poisons Information Centre on 13 11 26 (Available 24/7) in order to obtain further advice.
Hazchem Code: 2X

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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 direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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 included in the list of workplace exposure standards for airborne contaminants as published by Safe Work Australia.

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:

Ensure that eyewash stations and safety showers are located within easy reach.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.
Use only protective equipment that carries the RCM symbol.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Brown

Odour:

Characteristic

Odour threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No relevant or available data due to the nature of the product.

Particle characteristics:
Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):
No relevant or available data due to the nature of the product.

Softening point/range (°C):
Does not apply to liquids.

Boiling point (°C):
No relevant or available data due to the nature of the product.

Vapour pressure:
No relevant or available data due to the nature of the product.

Relative vapour density:
No relevant or available data due to the nature of the product.

Decomposition temperature (°C):
No relevant or available data due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C):
No relevant or available data due to the nature of the product.

Flammability (°C):
No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):
No relevant or available data due to the nature of the product.

Explosion limits (% v/v):
No relevant or available data due to the nature of the product.

Solubility

Solubility in water:
Completely soluble

n-octanol/water coefficient (LogKow):
No relevant or available data due to the nature of the product.

Solubility in fat (g/L):
No relevant or available data due to the nature of the product.

9.2. Other information

Other physical and chemical parameters:
ND: 1.354

Oxidizing properties:
No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: EC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Species: Scenedesmus subspicatus
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 209
 Species: Pseudomonas putida
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, Brachydanio rerio
 Result: > 1 - 10 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: NOEC
 Result: > 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

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

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

Dispose of contents/container to an approved waste disposal plant.

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

Hazchem Code: 2X

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.

People under the age of 18 shall not be exposed to this product.

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):

D-Glucopyranose, oligomers, decyloctyl glycoside is listed

Urea hydrochloride 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

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by the Work Health and Safety Regulations.
The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by the Work Health and Safety Regulations.

The safety data sheet is validated by

Quality & Compliance

Other

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

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

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

Country-language: AU-en

БЕЗБЕДНОСНИ ЛИСТ

i.23 descaler foam

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

1.1. Идентификација хемикалије

Комерцијално име:
i.23 descaler foam

1.2. Идентификовани начини коришћења хемикалије и начини коришћења који се не препоручују

Употреба материјала/смеше:
Детерџенти и средства за чишћење (укључујући и оне на бази растварача)
Дозвољено само за професионално коришћење.

Употребе које се не препоручују:
Нема познатих.

1.3. Подаци о снабдевачу

Компанија и адреса:
Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

Електронска адреса:
info@hygeniq.com

Датум безбедносног листа:
12.2.2025.

Верзија безбедносног листа:
1.0

1.4. Број телефона за хитне случајеве

Телефонски број хитне помоћ: 124
Такође погледајте поглавље 4 за мере прве помоћи.

ПОГЛАВЉЕ 2. ИДЕНТИФИКАЦИЈА ОПАСНОСТИ

Classified according to the Regulation on Classification, Labeling and Packaging of Chemicals.

2.1. Класификација хемикалије

Skin Corr. 1; H314, Изазива тешке опекотине коже и оштећење ока.
Eye Dam. 1; H318, Доводи до тешког оштећења ока.

2.2. Елементи обележавања

Пиктограм опасности:



Реч упозорења:

Опасност

Обавештење о опасности:

Изазива тешке опекотине коже и оштећење ока. (H314)

Обавештење о мерама предострожности:

Опште:

-

Превенција:

Не удисати пару/маглу. (P260)

Носити заштиту за очи/заштитне рукавице. (P280)

Реаговање:

АКО ДОСПЕ НА КОЖУ (или косу): Одмах скинути сву контаминирану одећу. Испрати кожу водом или истуширати се. (P303+P361+P353)

АКО ДОСПЕ У ОЧИ: Пажљиво испирати водом неколико минута. Уклонити контактна сочива, уколико постоје и уколико је то могуће учинити. Наставити са испирањем. (P305+P351+P338)

Одмах позвати ЦЕНТАР ЗА КОНТРОЛУ ТРОВАЊА/лекара. (P310)

Складиштење:

-

Одлагање:

Одлагање садржаја / амбалаже у складу са локалним прописима (P501)

Опасне материје:

D-Glucopyranose, oligomers, decyloctyl glycoside

Додатно обавештење о опасности:

UFI: E094-SY4R-6T7V-FTJ3

Означавање садржаја према ПРАВИЛНИК о детергентима:

5% - 15%

· Нејонски сурфактанти

2.3. Остале опасности

Додатна упозорења:

Ова смеша/производ не садржи супстанце за које се сматра да испуњава 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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS бр.: 68515-73-1 EC бр.: REACH: Индекс бр. :	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS бр.: 506-89-8 EC бр.: 208-059-6 REACH: Индекс бр. :	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	

sodium hydroxidecaustic soda	CAS бр.: 1310-73-2 EC бр.: 215-185-5 REACH: 01-2119457892-27-XXXX Индекс бр. : 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)
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Погледајте потпуни текст X-израза у поглавље 16. Границе изложености током рада наведене су у поглавље 8, ако су доступне.

Остали подаци

UVCB = Непознат или променљив састав, сложени продукти реакције или биолошки материјали

ПОГЛАВЉЕ 4. МЕРЕ ПРВЕ ПОМОЋИ

4.1. Опис мера прве помоћи

Опште информације:

Уколико је дисање неправилно, и јављају се поспаност, губитак свести или грчеви: Позовите 124 и одмах почните са мерама помоћи (прва помоћ).

Ако имате сумње у вези са станием повређене особе или ако симптоми потрају, обратите се лекару. Никад несвесној особи немојте давати воду или неко друго пиће.

После удисања:

Потешкоће са дисањем или иритација дисајних путева: Изведите особу на свеж ваздух и останите уз њу.

У додиру са кожом:

Дуго испирајте изложено подручје водом - најмање 30 минута. Можда ће бити потребно испирање неколико сати. Користите угодну температуру воде (20-30 °Ц). Контактирајте информације о тровању/лекара/болницу за даље савете о праћењу и лечењу.

Одмах скините контаминирану одећу и обућу. Обавезно темелјно оперете изложену кожу водом и сапуном . Може се користити средство за чишћење коже. НЕ користите раствараче или разредиваче.

Ако дође до иритације коже: Потражити медицински савет / мишљење.

Након контакта са очима:

АКО ДОСПЕ У ОЧИ: Испирајте очи са много воде или сланом водом (20-30 °Ц) најмање 30 минута и наставите са испирањем док иритација не престане. Извадите контактна сочива. Обавезно исперите подручје испод горњег и доњег капка. Одмах потражите лекарску помоћ и наставите са испирањем.

Након гутања:

У случају гутања, одмах се обратите лекару и понесите безбедносни лист или етикету. Ако је особа свесна, дајте јој воде. НЕ покушавајте да изазовете повраћање, осим ако то не препоручи лекар. Држите главу окрену на доле како бисте спречили да се садржај повраћања врати у уста и грло. Спречите шок тако што ћете повређену особу држати мирном и утопљеном. Ако дисање престане, одмах започните оживљавање. Уколико дође до губитка свести, повређену особу пребаците у положај за опоравак. Позовите хитну помоћ.

Сагоревање:

Није применљиво.

4.2. Најважнији симптоми и ефекти, акутни и одложени

Оштећење ткива: Овај производ садржи супстанце са корозивним дејством на кожу. Удисање испарења или аеросола може имати штетне ефекте на плућа, изазвати иритацију и опекотине на дисајним органима, као и кашаљ. Контакти путем коже и контакт са очима имају неповратне ефекте.

4.3. Хитна медицинска помоћ и посебан третман

У СЛУЧАЈУ излагања или забринутости:

Хитно потражити медицински савет / мишљење

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 запаливим производима може наштетити вашем здрављу. Затворене посуде изложене ватри требало би охладити водом. Не дозволите да вода за гашење пожара доспе у канализацију и оближње површинске токове.

Уколико је производ изложен високом температурама, нпр. у случају пожара, настају опасна јединиња као резултат његовог распадања. То су:

Угљени оксиди (CO / CO₂)

5.3. Савет за ватрогасце

Носите самостални апарат за дисање и заштитну одјећу ради спречавања контакта. Након директног излагања позовите 124 (24 сата дневно) ради добивања додатних савјета.

ПОГЛАВЉЕ 6. МЕРЕ У СЛУЧАЈУ УДЕСА

6.1. Личне предострожности, заштитна опрема и поступци у случају удеса

Избегавајте директан контакт са проливеним материјама.

Контаминирани простор може бити клизав.

6.2. Предострожности које се односе на животну средину

Избегавајте испуштање у језера, потоке, канализације итд.

Неовлашћене особе држите подаље од изливања.

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

Користите песак, земљу, вермикулит, диятомейску земљу да бисте задржали и купили незапаливе упијајуће материјале и ставите у контејнер за одлагање, у складу са локалним прописима.

Чишћење се у мери у којој је то могуће обавља нормалним средствима за чишћење. Избегавајте употребу растварача.

6.4. Упућивање на друга поглавља

Погледајте поглавље 13 „Одлагање“ у вези са поступком за отпад.

За заштитне мере погледајте поглавље 8 „Контрола изложености и лична заштита“.

ПОГЛАВЉЕ 7. РУКОВАЊЕ И СКЛАДИШТЕЊЕ

7.1. Предострожности за безбедно руковање

Избегавајте директан контакт са производом.

Пушење, и конзумирање хране и пића нису дозвољени у радном простору.

За информације о личној заштити погледајте поглавље „Контрола изложености и лична заштита“.

7.2. Услови за безбедно складиштење, укључујући некомпатибилности

Отворени контејнери се морају пажљиво затворити и држати усправно како би се спречило цурење.

Препоручени материјал за складиштење:

Чувати само у оригиналној амбалажи.

Температура складиштења:

Суво, хладно и добро проветравано

Некомпатибилни материјали:

Чувати само у оригиналној амбалажи.

7.3. Посебни начини коришћења

Овај производ би требало користити само за примене наведене у поглавље 1.2

ПОГЛАВЉЕ 8. КОНТРОЛА ИЗЛОЖЕНОСТИ И ЛИЧНА ЗАШТИТА

8.1. Параметри контроле изложености

На националној листи супстанци са ограничењем у погледу изложености током рада није наведена ниједна супстанца.

DNEL

D-Glucopyranose, oligomers, decyloctyl glycoside

Трајање:	Пут експозиције:	DNEL:
Дугорочно - Системски - Потрошач	Дерматолошки	357000 mg/kg/дан
Дугорочно - Системски - Радник	Дерматолошки	595000 mg/kg/дан
Дугорочно - Системски - Потрошач	Инхалацијски	124 mg/m ³
Дугорочно - Системски - Радник	Инхалацијски	420 mg/m ³
Дугорочно - Системски - Потрошач	Орално	35.7 mg/kg/дан

PNEC

D-Glucopyranose, oligomers, decyloctyl glycoside

Пут експозиције:	Трајање изложености:	PNEC:
Морска вода		17.6 µg/L
Периодично ослобађање (слатка вода)		270 µg/L
Постројењима за пречишћавање отпадних вода		560 mg/L
Седимент мора		152 µg/kg
Седимент слатке воде		1.516 mg/kg
Секундарно тровање		111.11 mg/kg
Слатка вода		176 µg/L
Тло		654 µg/kg

8.2. Контрола изложености и лична заштита

Извршите општу контролу да бисте спречили непотребно излагање.

Опште препоруке:

Пушење, и конзумирање хране и пића нису дозвољени у радном простору.

Сценарији излагања:

За овај производ нису имплементирани сценарији изложености.

Границе излагања:

Границе изложености током рада нису дефинисане за супстанце у овом производу.

Одговарајући технички уређаји за управљање:

Осигурајте да се станице за испирање очију и безбедносни тушеви налазе на дохват руке.

Примените стандардне мере предострожности током употребе производа. Избегавајте удисање испарења.

Хигијенске мере:

Сви изложени делови тела морају да се темелно оперу у интервалима између употребе производа и на крају радног дана. Обратите посебну пажњу на руке, подлактице и лице.

Мере спречавања контакта са животном средином:

Материјал за пригушивање држите у близини радног места. Ако је могуће, сакупите материјал присут током рада.

Опште мере заштите и хигијене

Генерално:

Опрати контаминирану одећу пре поновне употребе.

Користите само заштитну опрему са знаком CE.

Заштита дисајних путева:

Тип	Класа	Боя	Стандарди	
Респираторна заштита није потребна				

Заштита тела:

Препоручено	Тип / Категорија	Стандарди	
Нема посебних прописа када се користи како је предвиђено	-	-	

Заштитне руке:

Материјал	Дебљина рукавице	Време продирања (Минуте)	Стандарда	
Нитрилни каучук	0.4	> 480	EN374-2, EN374-3, EN388	

Заштита очију/лица:

Тур	Стандарди	
Заштитне наочаре са бочним штитницима	EN166	

ПОГЛАВЉЕ 9. ФИЗИЧКА И ХЕМИЈСКА СВОЈСТВА

9.1. Подаци о основним физичким и хемијским својствима хемикалије

Изгледу - агрегатно стање:

Течно

Боји:

Смеђе

Мирису / Прагу мириса (ppm):

Карактеристично

pH:

са. 1.6

Релативна густина (g/cm³):

1,05 (20 °C)

Вискозитет:

Нема релевантних или доступних података због природе производа

Карактеристике честица:

Не односи се на течности

Фазне промене

Тачка топљења / тачка мржњења (°C):

Нема релевантних или доступних података због природе производа

Тачка/опсег омекшавања (°C):

Не односи се на течности

Почетна тачка кључања и опсег кључања (°C):

Нема релевантних или доступних података због природе производа

Напон паре:

Нема релевантних или доступних података због природе производа

Густина паре:

Нема релевантних или доступних података због природе производа

Температура разлагања (°C):

Нема релевантних или доступних података због природе производа

Подаци о опасностима од пожара и експлозије

Запаљивост (чврсто, гасовито):

Нема релевантних или доступних података због природе производа

Тачка паљења (°C):

Нема релевантних или доступних података због природе производа

Температура самопаљења (°C):

Нема релевантних или доступних података због природе производа

Горња / доња граница запаљивости или експлозивности (%v/v):

Нема релевантних или доступних података због природе производа

Растворљивост

Растворљивост у вода:

У потпуности растворљив

Коефицијент расподеле у систему n-октанол/вода (LogKow):

Нема релевантних или доступних података због природе производа

Растворљивост у масти (g/L):

Нема релевантних или доступних података због природе производа

9.2. Остали подаци

Остали физички и хемијски параметри:

ND: 1.354

Нема релевантних или доступних података због природе производа

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

Чувати само у оригиналној амбалажи.

10.6. Опасни производи разградње

Термичко распадање може произвести корозивне паре.

ПОГЛАВЉЕ 11. ТОКСИКОЛОШКИ ПОДАЦИ

11.1. Подаци о токсичним ефектима

Акутна токсичност

Хемијски назив	D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања:	ОЕЦД 401
Врсте:	Пацов
Пут експозиције:	Орално
Тест:	LD50
Вредност:	> 5.000 mg/kg

Хемијски назив	D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања:	ОЕЦД 402
Врсте:	Зеџ
Пут експозиције:	Дерматолошки
Тест:	LD50
Вредност:	> 2000 mg/L

Корозивно оштећење коже / иритација

Хемијски назив	D-Glucopyranose, oligomers, decyloctyl glycoside
Вредност:	Нису установљени негативни ефекти (Неиритантан)

Изазива тешке опекотине коже и оштећење ока.

Тешко оштећење ока / иритација ока

Хемијски назив	D-Glucopyranose, oligomers, decyloctyl glycoside
Вредност:	Установљени су негативни ефекти (Доводи до тешког оштећења ока)

Доводи до тешког оштећења ока.

Сензибилизација коже

На основу доступних података, критеријуми за класификацију нису испуњени.

Сензибилизација респираторних органа

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

Оштећење ткива: Овај производ садржи супстанце са корозивним дејством на кожу. Удисање испарења или аеросола може имати штетне ефекте на плућа, изазвати иритацију и опекотине на дисајним органима, као и кашаљ. Контакт путем коже и контакт са очима имају неповратне ефекте.

Угрожава рад ендокриних жлезда

Ова смеша/производ не садржи никакве материје за које се сматра да имају својства изазивања хормонског поремећаја.

Додатне информације

Нема познатих.

ПОГЛАВЉЕ 12. ЕКОТОКСИКОЛОШКИ ПОДАЦИ

12.1. Токсичност

Хемијски назив	D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања:	DIN EN ISO 7346-2
Врсте:	Рибе, Brachydanio rerio
Тест:	LC50
Вредност:	> 100 mg/L

Хемијски назив	D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања:	ОЕЦД 202

Врсте: Daphnia magna
Тест: EC50
Вредност: > 100 mg/L

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Врсте: Scenedesmus subspicatus
Тест: EC50
Вредност: > 10 - 100 mg/L

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања: ОЕЦД 209
Врсте: Pseudomonas putida
Тест: EC0
Вредност: > 100 mg/l mg/L

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања: ОЕЦД 204
Врсте: Рибе, Brachydanio rerio
Вредност: > 1 - 10 mg/L

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања: ОЕЦД 202
Врсте: Daphnia magna
Тест: NOEC
Вредност: > 1 - 10 mg/L

12.2. Перзистентност и разградљивост

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Закључак: Лако биоразградива материја

12.3. Потенцијал биоакумулације

На основу доступних података, критеријуми за класификацију нису испуњени.

12.4. Мобилност у земљишту

Нема доступних података.

12.5. Резултати ПБТ и вПвБ процене

Ова смеша/производ не садржи супстанце за које се сматра да испуњавају критеријуме да буду класификовани као ПБТ и/или вПвБ.

12.6. Угрожава рад ендокриних жлезда

Ова смеша/производ не садржи никакве материје за које се када се нађу унутар животне средине сматра да имају својства ометања ендокриног система.

12.7. Остали штетни ефекти

Нема познатих.

ПОГЛАВЉЕ 13. ОДЛАГАЊЕ

Метод третмана отпада

На производ се односе прописи о опасном отпаду. (*)

НР 8 - Корозивно

Одлагање садржаја / амбалаже у складу са локалним прописима.

Правилник о категоријама, испитивању и класификацији отпада (Службени гласник Републике Српске, број 19/15 и 79/18).

Код европског каталога отпада (EWЦ)

20 01 29* детерџенти који садрже опасне супстанце

Специфично означавање

Контаминирани амбалаже

Амбалажа која садржи остатке производа мора се одложити на исти начин као и производ.

ПОГЛАВЉЕ 14. ПОДАЦИ О ТРАНСПОРТУ

	14.1 UN	14.2 Назив за терет у транспорту	14.3 Класа	14.4 PG*	14.5. Env**	Остали подаци:
ADR	UN3265	НАГРИЗАЈУЋА КИСЕЛА ОРГАНСКА ТЕЧНОСТ, Н.Д.Н	Класа: 8 Листи-це опасности: 8 Класификациони код: C3 	III	Не	Ограничене количина: 5 L Кодови за ограничења за тунеле: (E) За додатне информације, погледајте доле.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Група паковања

** Опасност по животну средину

Додатне информације

Овај производ је обухваћен прописима о транспорту опасне робе.

ADR / Видети табелу А, одељак 3.2.1 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом. Видети одељак 5.4.3, за упутства у писаној форми у вези са ублажавањем штета у вези са инцидентима или незгодама током транспорта.

14.6. Посебне предострожности за корисника

Није применљиво.

14.7. Транспорт у расутом стању (Анексу ИИ Међународне конвенције за спречавање загађења из бродова и ИБЦ Цоде)

Нема доступних података.

ПОГЛАВЉЕ 15. РЕГУЛАТОРНИ ПОДАЦИ

15.1. Прописи у вези са безбедношћу, здрављем и животном средином

Ограничења за примену:

Дозвољено само за професионално коришћење.

Особе млађе од 18 година не смеју бити изложене овом производу.

Захтеви за специфичним образовањем:

Нема посебних захтева.

Означавање садржана према ПРАВИЛНИК о детергентима:

5% - 15%

· Нејонски сурфактанти

Додатне информације:

Сурфактант(и) садржани у овом препарату је(су) у складу са критеријумима биоразградивости утврђеним у уредби (ЕЗ) бр. 648/2004 о детердженцима. Подаци који поткрепљују ову тврдњу стоје на располагању надлежним властима држава чланица и биће им доступни на њихов директни захтев или на захтев произвођача детерджената.

Извори:

Закон о заштити на раду (Службени гласник Републике Српске, бр. 01/08 и 13/10).

Правилник о детерџентима (Службени гласник Републике Српске, број 14/19).

Правилник о категоријама, испитивању и класификацији отпада (Службени гласник Републике Српске, број 19/15 и 79/18).

Правилник о класификацији, обиљежавању и паковању хемикалија (Службени гласник Републике Српске, бр. 118/20).

Закон о хемикалијама (Службени гласник Републике Српске, бр. 21/18).

15.2. Процена безбедности хемикалије.

Не

ПОГЛАВЉЕ 16. ОСТАЛИ ПОДАЦИ

Комплетан текст Х-фраза како је наведено у поглавље 3

H290, Може бити корозивно за метале.

H314, Изазива тешке опекотине коже и оштећење ока.

H315, Изазива иритацију коже.

H318, Доводи до тешког оштећења ока.

H319, Доводи до јаке иритације ока.

H335, Може да изазове иритацију респираторних органа.

Скраћенице и акроними

ADR = Европски споразум о међународном друмском превозу опасне робе

ATE = Процена акутне токсичности

BCF = Фактор биоконцентрације

CAS = Служба хемијских сажетака

CE = европска усаглашеност

CLP = Уредба о класификацији, означавању и паковању [Уредба (ЕЗ) бр. 1272/2008]

CSA = Процена хемијске безбедности

CSR = Извештај о хемијској безбедности

CTOT = Специфична циљна токсичност органа

DMEL = Изведени минимални ниво ефекта

DNEL = Изведени ниво без ефекта

EINECS = Европски инвентар постојећих комерцијалних хемијских супстанци

ES = Сценарио изложености

EUH izjava = ЦЛП-специфична изјава о опасности

EUPCS = Европски систем категоризације производа

EWЦ = Европски каталог отпада

GHS = Глобално усклађени систем класификације и обележавања хемикалија

GWP (ГВП) = Потенцијал глобалног загревања

IARC = међународна агенција за истраживање рака

IATA = Међународно удружење за ваздушни саобраћај

IBC = Средњи контејнер за расути терет

IMDG = Међународна поморска опасна роба

LogPow = Логаритам коефицијента раздвајања октанол/вода

MARPOL = Међународна конвенција о спречавању загађења са бродова из 1973. године, измењена протоколом из 1978. („Marpol“ = загађење мора)

ОЕЦД = Организација за Економску Царадњу и Давој

ПБТ = Истрајан, биоакумулативан и токсичан

PNEC = Предвиђена концентрација без ефекта

RID = Прописи који се тичу међународног превоза опасне робе железницом

RRN = REACH регистрациони број

SCL = има одређену границу концентрације.

SVHC = Веома забринявајуће супстанце

STOT-RE = Специфична циљна токсичност органа - понављана излагања

STOT-SE = Специфична циљна токсичност органа - појединачна излагања

TWA = Временски пондерисан просек

UN = Уједињене нације

UVBC = Непознат или променљив састав, сложени продукти реакције или биолошки материјали

VOC = Нестабилно органско јединиње

вПвБ = Веома трајно и врло биоакумулативно

Додатне информације

Класификација смеше у погледу опасности по здравље уађена је у складу са методама израчунавања описаним у Правилник о класификацији, обиљежавању и паковању хемикалија.

Класификација смеше у погледу корозије коже и озбилјних оштећења очию заснива се на рН критеријуму описаном у Правилник о класификацији, обиљежавању и паковању хемикалија.

Безбедносни лист потврђује

Quality & Compliance

Остали подаци

Промена (сразмерно последњој суштинској промени (прва шифра у верзији СДС, погледајте поглавље 1)) обележена је троуглом.

Подаци у овом безбедносном упутству односе се само на овај одређени производ (поменут у поглавље 1) и нису нужно тачни за употребу са другим хемикалијама/производима.

Препоручује се да ово безбедносно упутство дате стварном кориснику производа. Информације у овом безбедносном упутству не могу се користити као спецификације производа.

Земља-језик: BA-sr

FICHE DE DONNÉES DE SÉCURITÉ

i.23 descaler foam

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

1.1. Identificateur de produit

Marque commerciale:
i.23 descaler foam

Identifiant unique de formulation (UFI):
E094-SY4R-6T7V-FTJ3

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:
12/02/2025

Version de la fiche de données de sécurité:
1.0

1.4. Numéro d'appel d'urgence

Centre Antipoisons: +32 (0) 70 245 245 (7 jours sur 7, 24 heures sur 24)
Voir la rubrique 4 concernant premiers secours.

RUBRIQUE 2: IDENTIFICATION DES DANGERS

Classée conformément au règlement (CE) n° 1272/2008 (CLP).

2.1. Classification de la substance ou du mélange

Skin Corr. 1; H314, Provoque de graves brûlures de la peau et de graves lésions des yeux.
Eye Dam. 1; H318, Provoque de graves lésions des yeux.

2.2. Éléments d'étiquetage

Pictogramme(s) de danger:



Mention d'avertissement:

Danger

Mention(s) de danger:

Provoque de graves brûlures de la peau et de graves lésions des yeux. (H314)

Conseil(s) de prudence:

Générales:

-

Précautions:

Ne pas respirer les vapeurs/brouillards. (P260)

Porter des un équipement de protection des yeux/des gants de protection. (P280)

Intervention:

EN CAS DE CONTACT AVEC LA PEAU (ou les cheveux): Enlever immédiatement tous les vêtements contaminés.

Rincer la peau à l'eau ou se doucher. (P303+P361+P353)

EN CAS DE CONTACT AVEC LES YEUX: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer.

(P305+P351+P338)

Appeler immédiatement un CENTRE ANTIPOISON/un médecin. (P310)

Stockage:

-

Élimination:

Éliminer le contenu/récipient conformément à la réglementation locale (P501)

Contient:

D-Glucopyranose,oligomers,decyloctyl glycoside

Autre étiquetage:

UFI : E094-SY4R-6T7V-FTJ3

Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents:

5% - 15%

· Agents de surface non ioniques

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
D-Glucopyranose,oligomers,decyloctyl glycoside	N° CAS : 68515-73-1 N° CE: REACH: N° index :	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	N° CAS : 506-89-8 N° CE: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	

	REACH: N° index :		STOT SE 3, H335	
hydroxyde de sodium soude caustique	N° CAS : 1310-73-2 N° CE: 215-185-5 REACH: 01-2119457892-27-XXXX N° index : 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

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

[19] UVCB = substances de composition inconnue ou variable, produits de réaction complexes ou matières biologiques.

RUBRIQUE 4: PREMIERS SECOURS

4.1. Description des mesures de premiers secours

Généralités:

En cas d'accident : Contactez un médecin ou l'hôpital ou Centre Antipoisons: +32 (0) 70 245 245 (7 jours sur 7, 24 heures sur 24), apportez l'étiquette ou bien la présente fiche de données de sécurité.

En cas de symptômes persistants ou en cas de doute concernant l'état de la personne blessée, faites appel à un médecin. Ne donnez jamais à boire de l'eau ou autre liquide à une personne ayant perdu connaissance.

Inhalation:

En cas de difficultés respiratoires ou d'irritation des voies respiratoires : Amenez la personne à l'air frais et gardez la personne sous surveillance.

Contact cutané:

Rincez la zone exposée à l'eau pendant une longue période - au moins 30 minutes. Il peut être nécessaire de rincer pendant plusieurs heures. Utilisez une température d'eau confortable (20-30 °C). Contactez le service antipoison/le médecin/l'hôpital pour obtenir des conseils supplémentaires sur le suivi et le traitement.

Retirez immédiatement les vêtements et chaussures contaminés. Lavez soigneusement avec de l'eau et du savon la peau qui a été en contact avec le produit. Des produits nettoyants domestiques peuvent être utilisés. N'utilisez PAS de produits solvants ou de diluants.

En cas d'irritation cutanée: consulter un médecin.

Contact visuel:

En cas de contact avec les yeux: Rincez aussitôt les yeux avec de grandes quantités d'eau (20-30 °C) pendant au moins 30 minutes et continuez jusqu'à ce que l'irritation cesse. Retirez les éventuelles lentilles de contact. Assurez-vous de bien rincer sous la paupière supérieure et sous la paupière inférieure. Faites aussitôt appel à un médecin. Consultez un médecin immédiatement et continuez de rincer pendant le trajet.

Ingestion:

En cas d'ingestion, contactez immédiatement un médecin. Donnez au blessé de l'eau à boire si la personne est consciente. N'essayez JAMAIS de faire vomir à moins que le médecin ne le recommande. Maintenez la tête tournée vers le bas de manière à ce que le vomi ne revienne pas dans la bouche et la gorge. Prévenez les chocs en gardant le blessé au chaud et au calme. Pratiquez la respiration artificielle si la respiration s'arrête. En cas d'évanouissement; mettez le blessé en position latérale de sécurité. Appelez une ambulance.

Brûlure:

Sans objet.

4.2. Principaux symptômes et effets, aigus et différés

Effets néfastes sur les tissus : ce produit contient des substances ayant des propriétés corrosives sur la peau.

L'inhalation de vapeurs ou d'aérosols peut produire des effets néfastes sur les poumons, irritations et brûlures dans

les organes respiratoires ainsi que de la toux. Le contact cutané et le contact avec les yeux provoquent des effets irréversibles.

4.3. Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires

EN CAS d'exposition prouvée ou suspectée:
Consulter immédiatement un médecin.

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)

5.3. Conseils aux pompiers

Portez une combinaison d'intervention normale et une protection respiratoire complète afin d'éviter tout contact.

RUBRIQUE 6: MESURES À PRENDRE EN CAS DE DISPERSION ACCIDENTELLE

6.1. Précautions individuelles, équipement de protection et procédures d'urgence

Évitez le contact direct avec le produit répandu.
Les zones contaminées peuvent être glissantes.

6.2. Précautions pour la protection de l'environnement

Ne déversez pas dans les lacs, les ruisseaux, les égouts, etc.
Tenir les personnes non autorisées éloignées du déversement.

6.3. Méthodes et matériel de confinement et de nettoyage

Contenez et collectez les déversements avec un matériau absorbant non combustible, par exemple du sable, de la terre, de la vermiculite ou de la terre de diatomées, et placez-les dans un récipient pour les éliminer conformément aux réglementations locales.

Nettoyez autant que possible avec des produits de nettoyage ordinaires. Évitez les solvants.

6.4. Référence à d'autres rubriques

Voir la rubrique 13 "Considérations relatives à l'élimination" sur la manipulation des déchets.
Voir la rubrique 8 "Contrôles de l'exposition/protection individuelle" pour les mesures de protection.

RUBRIQUE 7: MANIPULATION ET STOCKAGE

7.1. Précautions à prendre pour une manipulation sans danger

Éviter le contact direct avec le produit.

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 récipients ayant été ouverts doivent être refermés avec soin et maintenus en position verticale afin d'éviter les fuites.

Les compatibilités en matière de conditionnement:

Conserver uniquement dans l'emballage d'origine.

Conditions de stockage:

Sec, frais et bien ventilé

Matières incompatibles:

Conserver uniquement dans l'emballage d'origine.

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 de la Belgique des substances avec une limite d'exposition en milieu de travail.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Durée :	Voie d'exposition :	DNEL :
Effets systématiques à long terme - population globale	Cutanée	357000 mg/kg/jour
Effets systématiques à long terme - Travailleurs	Cutanée	595000 mg/kg/jour
Effets systématiques à long terme - population globale	Inhalation	124 mg/m ³
Effets systématiques à long terme - Travailleurs	Inhalation	420 mg/m ³
Effets systématiques à long terme - population globale	Orale	35.7 mg/kg/jour

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Voie d'exposition :	Durée d'exposition :	PNEC :
Eau de mer		17.6 µg/L
Eau douce		176 µg/L
Emission intermittente (eau douce)		270 µg/L
Installation de traitement des eaux usées		560 mg/L
Prédateurs		111.11 mg/kg
Sédiments en eau de marines		152 µg/kg
Sédiments en eau douce		1.516 mg/kg
Sol		654 µg/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:

S'assurer que les postes de rinçage oculaire et les douches de décontamination sont facilement accessibles. Suivez les précautions habituelles quand vous utilisez le produit. Évitez de respirer les vapeurs.

Mesures d'hygiène:

A chaque pause lors de l'utilisation du produit et une fois le travail terminé, les parties exposées du corps doivent être lavées. Porter une attention particulière aux mains, aux avant-bras et au visage.

Mesures pour la limitation de l'exposition à l'environnement:

Assurez-vous que des matériaux de retenue se trouvent à proximité du poste de travail. Collectez les déperditions si possible au cours du travail.

Mesures de protection individuelle, telles que les équipement de protection personnelle

Généralités:

Laver les vêtements contaminés avant réutilisation.

Utilisez exclusivement des équipements de protection comportant la marque CE.

Équipements respiratoires:

Type	Classe	Couleur	Normes	
Aucune protection respiratoire n'est requise en cas de ventilation adaptée				

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	
Caoutchouc nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Protection des yeux:

Type	Normes	
Porter des lunettes de sécurité avec protections latérales.	EN166	

RUBRIQUE 9: PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

9.1. Informations sur les propriétés physiques et chimiques essentielles

Etat physique:

Liquide

Couleur:

Brun

Odeur / Seuil olfactif (ppm):

Caractéristique

pH:

ca. 1.6

Densité (g/cm³):

1,05 (20 °C)

Viscosité cinématique:

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Caractéristiques des particules:

Ne s'applique pas aux liquides.

Changement d'état

Point de fusion/point de congélation (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Le point/l'intervalle de ramollissement (°C):

Ne s'applique pas aux liquides.

Point d'ébullition (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Pression de vapeur:

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Densité de vapeur relative :

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Température de décomposition (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Informations concernant les risques d'explosion et d'incendie

Point d'éclair (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Inflammabilité (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Température d'auto-inflammation (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Limite d'explosivité (% v/v):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Solubilité

Solubilité dans l'eau:

Complètement soluble

n-octanol/coefficient d'eau (LogKow):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Solubilité dans la graisse (g/L):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

9.2. Autres informations

D'autres paramètres physiques et chimiques:

ND: 1.354

Capacités oxydantes:

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

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

Conserver uniquement dans l'emballage d'origine.

10.6. Produits de décomposition dangereux

La décomposition thermique peut produire des vapeurs corrosives.

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	D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai :	OCDE 401
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	> 5.000 mg/kg

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai :	OCDE 402
Espèce :	Lapin
Voie d'exposition :	Cutanée
Test :	DL50
Valeur :	> 2000 mg/L

Corrosion cutanée/irritation cutanée

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Valeur :	Aucun effet nocif observé (Non irritant)

Provoque de graves brûlures de la peau et de graves lésions des yeux.

Lésions oculaires graves/irritation oculaire

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Valeur :	Effets nocifs observés (Provoque de graves lésions des yeux)

Provoque de graves lésions des yeux.

Sensibilisation respiratoire

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

Effets néfastes sur les tissus : ce produit contient des substances ayant des propriétés corrosives sur la peau. L'inhalation de vapeurs ou d'aérosols peut produire des effets néfastes sur les poumons, irritations et brûlures dans les organes respiratoires ainsi que de la toux. Le contact cutané et le contact avec les yeux provoquent des effets irréversibles.

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	D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai :	DIN EN ISO 7346-2
Espèce :	Poisson, Brachydanio rerio
Test :	CL50
Valeur :	> 100 mg/L

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai :	OCDE 202
Espèce :	Daphnia magna
Test :	CE50
Valeur :	> 100 mg/L

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Espèce :	Scenedesmus subspicatus
Test :	CE50
Valeur :	> 10 - 100 mg/L

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai :	OCDE 209
Espèce :	Pseudomonas putida
Test :	ECO
Valeur :	> 100 mg/l mg/L

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai :	OCDE 204
Espèce :	Poisson, Brachydanio rerio
Valeur :	> 1 - 10 mg/L

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai :	OCDE 202
Espèce :	Daphnia magna
Test :	CSEO
Valeur :	> 1 - 10 mg/L

12.2. Persistance et dégradabilité

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Conclusion :	Biodégradabilité facile

Le(s) agent(s) de surface contenu(s) dans cette préparation respecte(nt) les critères de biodégradabilité définis dans le règlement (CE) no 648/2004 relatif aux détergents. Les données prouvant cette affirmation sont tenues à la disposition des autorités compétentes des Etats Membres et leur seront fournies à leur demande expresse ou à la demande du producteur de détergents.

12.3. Potentiel de bioaccumulation

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

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 est couvert par la réglementation sur les déchets dangereux. (*)

HP 8 - Corrosif

Éliminer le contenu/récipient conformément à la réglementation locale.

Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.

Code CED:

20 01 29* Détergents contenant des substances dangereuses

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 informatio ns :
ADR	UN3265	LIQUIDE ORGANIQUE CORROSIF, ACIDE, N.S.A.	Classe: 8 Étiquettes: 8 Code de classification: C3 	III	Non	Quantités limitées: 5 L Code de restriction en tunnels: (E) Voir ci-dessous pour plus d'informations.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Groupe d'emballage

** Dangers pour l'environnement

Autre

Le produit est concerné par les conventions sur les marchandises dangereuses.

ADR / Voir tableau A, section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport. Voir la section 5.4.3, pour les instructions écrites concernant l'atténuation des dommages en cas d'incidents ou d'accidents pendant le transport.

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 jeunes de moins de 18 ans ne doivent pas être exposés au produit.

Demandes de formation spécifique:

Pas d'exigences particulières.

Protection contre les accidents majeurs - Catégories / Substances dangereuses désignées:

Sans objet.

Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents:

5% - 15%

· Agents de surface non ioniques

Autre:

Le(s) agent(s) de surface contenu(s) dans cette préparation respecte(nt) les critères de biodégradabilité définis dans le règlement (CE) no 648/2004 relatif aux détergents. Les données prouvant cette affirmation sont tenues à la disposition des autorités compétentes des Etats Membres et leur seront fournies à leur demande expresse ou à la demande du producteur de détergents.

Sources:

3 MAI 1999. - Arrêté royal relatif à la protection des jeunes au travail.

Règlement (CE) n° 648/2004 du Parlement européen et du Conseil du 31 mars 2004 relatif aux détergents.

Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.

Règlement (CE) n° 1272/2008 du Parlement européen et du Conseil du 16 décembre 2008 relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges (CLP).

Règlement (CE) n° 1907/2006 du Parlement européen et du Conseil du 18 décembre 2006 concernant l'enregistrement, l'évaluation et l'autorisation des substances chimiques, ainsi que les restrictions applicables à ces substances (REACH).

15.2. Évaluation de la sécurité chimique

Non

RUBRIQUE 16: AUTRES INFORMATIONS

Précisions sur les phrases H dont il est question dans la rubrique 3

H290, Peut être corrosif pour les métaux.

H314, Provoque de graves brûlures de la peau et de graves lésions des yeux.

H315, Provoque une irritation cutanée.

H318, Provoque de graves lésions des yeux.

H319, Provoque une sévère irritation des yeux.

H335, Peut irriter les voies respiratoires.

Abréviations et acronymes

ADN = Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation intérieure

ADR = L'Accord européen relatif au transport international des marchandises Dangereuses par Route

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CVI = Conteneurs en Vrac Intermédiaires

CLP = Règlement 1272/2008/CE relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges

COV = Composés Organiques Volatils

CPSE = Concentration Prédite Sans Effet

CSA = Evaluation de la Sécurité Chimique

CSR = Rapport sur la Sécurité Chimique

DMEL = Dose dérivée avec effet minimum

DNEL = Dose dérivée sans effet

ds = les déchets spéciaux

EINECS = Inventaire européen des substances chimiques commerciales existantes

ETA = Estimation de la Toxicité Aiguë

EuPCS = Système européen de catégorisation des produits

FBC = Facteur de Bioconcentration

Mention EUH = mention de danger spécifique CLP

IARC = Le Centre international de Recherche sur le Cancer (CIRC)

IATA = Association Internationale du Transport Aérien

code IMDG = code maritime international des marchandises dangereuses

LogK_{ow} = 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

La classification du mélange au regard des risques pour la santé est conforme aux méthodes de calcul fournies par le Règlement (CE) n° 1272/2008.

La classification du mélange au regard de la corrosion cutanée et des lésions oculaires graves est basée sur les critères de pH fournis par le Règlement (CE) n° 1272/2008

Validé par

Quality & Compliance

Autre

Les modifications par rapport à la dernière révision importante (premiers chiffres dans la fiche, voir rubrique 1) de cette fiche de données de sécurité sont repérées par un triangle.

Les informations de la présente fiche de données de sécurité sont seulement valables pour ce produit (indiqué à la rubrique 1) et ne sont pas nécessairement valables pour l'utilisation d'autres produits/produits chimiques.

Il est recommandé de donner cette fiche de données de sécurité à l'utilisateur effectif du produit. Les informations de ce document ne peuvent pas être utilisées comme spécification du produit.

Pays-langue : BE-fr

VEILIGHEIDSINFORMATIEBLAD

i.23 descaler foam

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

1.1. Productidentificatie

Handelsnaam:

i.23 descaler foam

Unieke formule-identificatie (UFI):

E094-SY4R-6T7V-FTJ3

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:

12/02/2025

SDS-versie:

1.0

1.4. Telefoonnummer voor noodgevallen

Antigifcentrum: +32 (0) 70 245 245 (elke dag, 24 op 24 uur)
Zie rubriek 4 over eerstehulpmaatregelen.

RUBRIEK 2: IDENTIFICATIE VAN DE GEVAREN

Geclassificeerd overeenkomstig Voorschrift (EC) Nr. 1272/2008 (CLP).

2.1. Indeling van de stof of het mengsel

Skin Corr. 1; H314, Veroorzaakt ernstige brandwonden en oogletsel.
Eye Dam. 1; H318, Veroorzaakt ernstig oogletsel.

2.2. Etiketteringselementen

Gevarenpictogram(men):



Signaalwoord:
Gevaar

Gevarenaanduidingen:
Veroorzaakt ernstige brandwonden en oogletsel. (H314)

Veiligheidsaanbevelingen:

Algemeen:

-

Preventie:

damp/nevel niet inademen. (P260)
oogbescherming/Beschermende handschoenen dragen. (P280)

Reactie:

BIJ CONTACT MET DE HUID (of het haar): verontreinigde kleding onmiddellijk uittrekken. Huid met water afspoelen of afdouchen. (P303+P361+P353)
BIJ CONTACT MET DE OGEN: voorzichtig afspoelen met water gedurende een aantal minuten; contactlenzen verwijderen, indien mogelijk; blijven spoelen. (P305+P351+P338)
Onmiddellijk een ANTIGIFCENTRUM/arts raadplegen. (P310)

Opslag:

-

Verwijdering:

Inhoud/verpakking afvoeren naar overeenkomstig de plaatselijke voorschriften (P501)

Stoffen waarvoor meldingsplicht geldt:

D-Glucopyranose, oligomeren, decyloctyl glycoside

Andere opmerkingen:

UFI: E094-SY4R-6T7V-FTJ3

Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004:

5% - 15%
· Niet-ionogene oppervlakreactieve stoffen

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.
D-Glucopyranose, oligomeren, decyloctyl glycoside	CAS Nr.: 68515-73-1 EG Nr: REACH: Catalogusnr.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS Nr.: 506-89-8 EG Nr: 208-059-6 REACH:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	

	Catalogusnr.:			
natriumhydroxide	CAS Nr.: 1310-73-2 EG Nr: 215-185-5 REACH: 01-2119457892-27-XXXX Catalogusnr.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

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

[19] UVCB = Stoffen van onbekende of variabele samenstelling, complexe reactieproducten of biologische materialen.

RUBRIEK 4: EERSTEHULPMAATREGELEN

4.1. Beschrijving van de eerstehulpmaatregelen

Algemeen:

Bij ongelukken: Contacteer een arts of het Antigifcentrum: +32 (0) 70 245 245 (elke dag, 24 op 24 uur). Neem het etiket van het product of dit veiligheidsblad mee.

Bij aanhoudende symptomen of twijfel over de toestand van het slachtoffer moet er een arts ingeschakeld worden. Geef een bewusteloze persoon nooit water of iets dergelijks.

Bij inademen:

Als men moeilijkheden vaststelt tijdens de ademhaling of irritatie van de luchtwegen: Breng de persoon naar buiten en houd hem in de gaten.

Bij huidcontact:

Spoel het blootgestelde gebied gedurende lange tijd, minstens 30 minuten, met water. Het kan nodig zijn om gedurende enkele uren te spoelen. Gebruik een comfortabele watertemperatuur (20-30 °C). Neem contact op met Het Antigifcentrum/arts/ziekenhuis voor verder advies over opvolging en behandeling.

Verwijder verontreinigde kleding en schoenen. Huid, die in contact is geweest met het materiaal grondig wassen met water en zeep, eventueel huidreinigingsmiddel gebruiken. Gebruik GEEN oplosmiddelen of verdunners.

Bij huidirritatie: een arts raadplegen.

Bij oogcontact:

Bij contact met de ogen: Spoel de ogen direct uit met een ruime hoeveelheid water (20-30 °C) tot de irritatie ophoudt en minstens 30 minuten. Verwijder eventuele contactlenzen. Spoel ook onder het bovenste en onderste ooglid. Bel meteen een arts. Raadpleeg onmiddellijk een arts en blijf spoelen tijdens het transport naar de arts.

Bij inslikken:

Bij inslikken: neem direct contact op met een arts. Geef het slachtoffer water te drinken als de persoon bij bewustzijn is. Probeer NIET het slachtoffer te laten braken, behalve als de arts dat adviseert. Laat het hoofd zakken zodat er geen braaksel terugloopt in mond of hals. Voorkom shock door het slachtoffer warm en rustig te houden. Geef kunstmatige ademhaling als de ademhaling stopt. Bij bewusteloosheid: breng het slachtoffer naar een aparte afgesloten ruimte. Bel een ambulance.

Bij verbranding:

Niet van toepassing.

4.2. Belangrijkste acute en uitgestelde symptomen en effecten

Weefsel vernietigende bijwerking: Het product bevat stoffen die bijtend zijn. Als damp of aerosolen worden ingeademd, kan dit schade brengen aan de longen en irritatie en een branderig gevoel veroorzaken in de luchtwegen alsmede hoesten. Bijtende stoffen kunnen irreversibele beschadigingen veroorzaken aan de ogen. Bijt in de huid.

4.3. Vermelding van eventueel noodzakelijke onmiddellijke medische verzorging en speciale behandeling

NA (mogelijke) blootstelling:

Onmiddellijk een arts raadplegen.

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)

5.3. Advies voor brandweerlieden

Normaal uniform en volledige ademhalingsbescherming. Als er blootstelling is opgetreden, neem dan contact op met Antgifcentrum: +32 (0) 70 245 245 (elke dag, 24 op 24 uur).

RUBRIEK 6: MAATREGELEN BIJ HET ACCIDENTEEL VRIJKOMEN VAN DE STOF OF HET MENGSEL

6.1. Persoonlijke voorzorgsmaatregelen, beschermingsmiddelen en noodprocedures

Vermijd direct contact met gemorst stof.

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

Vermijd direct contact met het product.

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

Containers die zijn geopend dienen zorgvuldig te worden afgesloten en rechtop te worden opgeslagen om lekkage te voorkomen.

Compatibele verpakkingen:

Uitsluitend in de oorspronkelijke verpakking bewaren.

Opslag condities:

Droog, koel en goed geventileerd

Chemisch op elkaar inwerkende materialen:

Uitsluitend in de oorspronkelijke verpakking bewaren.

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 Lijst van de grenswaarden voor blootstelling aan chemische agentia met een blootstellingsgrens op de werkvloer.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Duur:	Blootstellingsroute:	DNEL:
Lange termijn - Systemische effecten - Algehele populatie	Inademing	124 mg/m ³
Lange termijn - Systemische effecten - Arbeiders	Inademing	420 mg/m ³
Lange termijn - Systemische effecten - Algehele populatie	Oraal	35.7 mg/kg bw/dag
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	357000 mg/kg bw/dag
Lange termijn - Systemische effecten - Arbeiders	Via de huid	595000 mg/kg bw/dag

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Blootstellingsroute:	Blootsteldingsduur:	PNEC:
Aarde		654 µg/kg
Afvalwaterzuiveringsinstallatie		560 mg/L
Intermitterende vrijlating (zoet water)		270 µg/L
Predatoren		111.11 mg/kg
Zeewater		17.6 µg/L
Zeewatersediment		152 µg/kg
Zoet water		176 µg/L
Zoetwatersediment		1.516 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:

Zorg ervoor dat oogwasstations en veiligheidsdouches binnen handbereik zijn.

Wees voorzichtig bij het gebruik van het product. Vermijd de inademing van dampen.

Hygiënische maatregelen:

Tijdens elke pauze in het gebruik van het product en na werktijd moeten geëxponeerde lichaamsdelen afgewassen worden. Let vooral op handen, onderarmen en gezicht.

Beheersing van milieublootstelling:

Zorg ervoor dat er bij het werken met het product stuw materiaal in de directe nabijheid aanwezig is. Gebruik zo mogelijk opvangbakken bij het werk.

Individuele beschermingsmaatregelen, zoals persoonlijke beschermingsmiddelen

Algemeen:

Verontreinigde kleding wassen alvorens deze opnieuw te gebruiken.
Gebruik alleen beschermingsapparatuur met het CE-keurmerk.

Luchtwegen:

Type	Klasse	Kleur	Standaard	
Ademhalingsbescherming is niet vereist indien er voldoende ventilatie is				

Huid en lichaam:

Aanbevolen	Type/Categorie	Normen	
Geen bijzondere bij normaal doelbewust gebruik	-	-	

Handen:

Materiaal	Minimale laagdikte (mm)	Doorbraaktijd (min.)	Normen	
Nitril handschoenen	0.4	> 480	EN374-2, EN374-3, EN388	

Ogen:

Type	Normen	
Draag een veiligheidsbril met zijstukken	EN166	

RUBRIEK 9: FYSISCHE EN CHEMISCHE EIGENSCHAPPEN

9.1. Informatie over fysische en chemische basiseigenschappen

Fysische toestand:

Vloeibaar

Kleur:

Bruin

Geur / Geurdrempelwaarde (ppm):

Karakteristiek

pH:

ca. 1.6

Soortelijk gewicht (g/cm³):

1,05 (20 °C)

Kinematische viscositeit:

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Deeltjeskenmerken:

Niet van toepassing op vloeistoffen.

Toestandsverandering en damp

Smeltpunt/vriespunt (°C):

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Verwekingspunt/verwekingstraject (°C):

Niet van toepassing op vloeistoffen.

Kookpunt (°C):

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Dampdruk:

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Relatieve dampdichtheid:

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Ontledingstemperatuur (°C):

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Data voor brand- en explosiegevaar

Vlampunt (°C):

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Ontvlambaarheid (°C):

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Zelfontbrandingstemperatuur (°C):

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Ontploffingsgrenzen (% v/v):

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Oplosbaarheid

Oplosbaarheid in water:

Volledig oplosbaar

n-octanol/water coëfficiënt (LogKow):

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Oplosbaarheid in vet (g/L):

Geen relevante of beschikbare gegevens vanwege de aard van het product.

9.2. Overige informatie

Andere fysische en chemische parameters:

ND: 1.354

Oxiderende eigenschappen:

Geen relevante of beschikbare gegevens vanwege de aard van het product.

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

Uitsluitend in de oorspronkelijke verpakking bewaren.

10.6. Gevaarlijke ontledingsproducten

Thermische ontleding kan corrosieve dampen produceren.

RUBRIEK 11: TOXICOLOGISCHE INFORMATIE

11.1. Informatie over gevarenklassen als omschreven in Verordening (EG) nr. 1272/2008

Acute toxiciteit

Product / ingrediënt	D-Glucopyranose, oligomeren, decyloctyl glycoside
Testmethode:	OESO 401
Soorten:	Rat
Blootstellingsroute:	Oraal
Test:	LD50
Resultaat:	> 5.000 mg/kg

Product / ingrediënt	D-Glucopyranose, oligomeren, decyloctyl glycoside
Testmethode:	OESO 402
Soorten:	Konijn
Blootstellingsroute:	Via de huid
Test:	LD50
Resultaat:	> 2000 mg/L

Huidcorrosie/-irritatie

Product / ingrediënt	D-Glucopyranose, oligomeren, decyloctyl glycoside
Resultaat:	Geen schadelijke effecten waargenomen (Niet irriterend)

Veroorzaakt ernstige brandwonden en oogletsel.

Ernstig oogletsel/oogirritatie

Product / ingrediënt	D-Glucopyranose, oligomeren, decyloctyl glycoside
Resultaat:	Schadelijke effecten waargenomen (Veroorzaakt ernstig oogletsel)

Veroorzaakt ernstig oogletsel.

Sensibilisatie van de luchtwegen

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

Weefsel vernietigende bijwerking: Het product bevat stoffen die bijtend zijn. Als damp of aerosolen worden ingeademd, kan dit schade brengen aan de longen en irritatie en een branderig gevoel veroorzaken in de luchtwegen alsmede hoesten. Bijtende stoffen kunnen irreversibele beschadigingen veroorzaken aan de ogen. Bijt in de huid.

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	D-Glucopyranose, oligomeren, decyloctyl glycoside
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Testmethode: DIN EN ISO 7346-2
Soorten: Vis, Brachydanio rerio
Test: LC50
Resultaat: > 100 mg/L

Product / ingrediënt: D-Glucopyranose, oligomeren, decyloctyl glycoside
Testmethode: OESO 202
Soorten: Daphnia magna
Test: EC50
Resultaat: > 100 mg/L

Product / ingrediënt: D-Glucopyranose, oligomeren, decyloctyl glycoside
Soorten: Scenedesmus subspicatus
Test: EC50
Resultaat: > 10 - 100 mg/L

Product / ingrediënt: D-Glucopyranose, oligomeren, decyloctyl glycoside
Testmethode: OESO 209
Soorten: Pseudomonas putida
Test: EC0
Resultaat: > 100 mg/l mg/L

Product / ingrediënt: D-Glucopyranose, oligomeren, decyloctyl glycoside
Testmethode: OESO 204
Soorten: Vis, Brachydanio rerio
Resultaat: > 1 - 10 mg/L

Product / ingrediënt: D-Glucopyranose, oligomeren, decyloctyl glycoside
Testmethode: OESO 202
Soorten: Daphnia magna
Test: NOEC
Resultaat: > 1 - 10 mg/L

12.2. Persistentie en afbreekbaarheid

Product / ingrediënt: D-Glucopyranose, oligomeren, decyloctyl glycoside
Conclusie: Gemakkelijk biologisch afbreekbaar

De oppervlakreactieve stof(fen) in dit preparaat voldoet(n) aan de criteria voor biologische afbreekbaarheid zoals vastgelegd in Verordening (EG) nr. 648/2004 betreffende detergentia. Gegevens ter ondersteuning van deze bewering worden ter beschikking van de bevoegde autoriteiten van de lidstaten gehouden en zullen aan hen beschikbaar worden gesteld na een rechtstreeks verzoek of op verzoek van een producent van detergentia.

12.3. Bioaccumulatie

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

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

Dit product valt onder de wetgeving inzake gevaarlijke afvalstoffen. (*)

HP 8 - Corrosief

Inhoud/verpakking afvoeren naar overeenkomstig de plaatselijke/regionale/nationale/internationale voorschriften. Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.

Euralcode:

20 01 29* Detergenten die gevaarlijke stoffen bevatten

Verontreinigde emballage

Verpakking met restinhoud van het product wegwerken volgens dezelfde voorwaarden als het product.

RUBRIEK 14: INFORMATIE MET BETREKKING TOT HET VERVOER

	14.1 VN	14.2 Juiste ladingnaam van de VN	14.3 Transportgevaarklasse(n)	14.4 PG*	14.5. Env**	Andere informatie:
ADR	UN3265	BIJTENDE ZURE ORGANISCHE VLOEISTOF, N.E.G.	Klasse: 8 Etiketten: 8 Classificatiecode: C3 	III	Nee	Gelimiteerde hoeveelheden: 5 L Code voor beperkingen in tunnels: (E) Zie hieronder voor meer informatie.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Verpakkingsgroep

** Milieugevaren

Overig

Het product valt onder de conventies voor gevaarlijke goederen.

ADR / Zie tabel A, rubriek 3.2.1, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer. Zie rubriek 5.4.3, voor schriftelijke instructies betreffende het beperken van schade in verband met incidenten of ongevallen tijdens het vervoer.

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.

Het product mag niet beroepshalve worden gebruikt door personen jonger dan 18 jaar.

Eisen t.o.v. speciale opleidingen:

Geen bijzondere eisen.

SEVESO - Gevaarcategorieën / Gevaarlijke stoffen:

Niet van toepassing.

Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004:

5% - 15%

· Niet-ionogene oppervlakreactieve stoffen

Overig:

De oppervlakreactieve stof(fen) in dit preparaat voldoet(n) aan de criteria voor biologische afbreekbaarheid zoals vastgelegd in Verordening (EG) nr. 648/2004 betreffende detergentia. Gegevens ter ondersteuning van deze bewering worden ter beschikking van de bevoegde autoriteiten van de lidstaten gehouden en zullen aan hen beschikbaar worden gesteld na een rechtstreeks verzoek of op verzoek van een producent van detergentia.

Bronnen:

3 MEI 1999. - Koninklijk besluit betreffende de bescherming van de jongeren op het werk.

Verordening (EG) nr. 648/2004 van het Europees Parlement en de Raad van 31 maart 2004 betreffende detergentia.

Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.

Verordening (EG) nr. 1272/2008 van het Europees Parlement en de Raad van 16 december 2008 betreffende de indeling, etikettering en verpakking van stoffen en mengsels (CLP).

Verordening (EG) nr. 1907/2006 van het Europees Parlement en de Raad van 18 december 2006 inzake de registratie en beoordeling van en de autorisatie en beperkingen ten aanzien van chemische stoffen (REACH).

15.2. Chemischeveiligheidsbeoordeling

Nee

RUBRIEK 16: OVERIGE INFORMATIE

De volledige tekst van de H-zinnen genoemd in rubriek 3

H290, Kan bijtend zijn voor metalen.

H314, Veroorzaakt ernstige brandwonden en oogletsel.

H315, Veroorzaakt huidirritatie.

H318, Veroorzaakt ernstig oogletsel.

H319, Veroorzaakt ernstige oogirritatie.

H335, Kan irritatie van de luchtwegen veroorzaken.

Afkortingen en acroniemen

ADN = Europese wetgeving met betrekking tot het vervoer van gevaarlijke goederen over binnewateren

ADR = Europese overeenkomst met betrekking tot het vervoer van gevaarlijke goederen over de weg

ATE = Acute toxiciteitsbeoordeling

BCF = Bioconcentratie Factor

CAS = Chemical Abstracts Service

CE = Conformité européenne

CLP = Indeling, etikettering en verpakking van stoffen en mengsels [Verordening (EG) No. 1272/2008]

CSA = Chemische Veiligheidsbeoordeling

CSR = rapporten over de chemische veiligheid (CSR - Chemical Safety Reports)

DNEL = De afgeleide dosis zonder effect

EAC = Europese Afval Catalogoog

EINECS = European Inventory of Existing Commercial Substances

ES = blootstellingsscenario

EUH zin = CLP-specifieke gevaarszin

EuPCS = Europees productindelingssysteem

GHS = Globaal geharmoniseerd systeem voor indeling, kenmerking en etikettering van chemische stoffen en mengsels

GWP = Aardopwarmingsvermogen

IATA = Internationaal Lucht Transport Vereniging

IBC = Tussentijdse bulk container

IMDG = Internationaal Maritiem Transport voor Gevaarlijke goederen

LogPow = Logaritme van de octaan/water partitie coëfficiënt

MARPOL = Internationale conventie voor de preventie van vervuiling door schepen, 1973 en aangepast door het protocol van 1978. ("Marpol" = zee vervuילend)

OESO = Organisatie voor Economische Samenwerking en Ontwikkeling

PBT = Persistent, Bioaccumulatief en Toxisch

PNEC = Voorspelde geen effect concentratie

RID = Regelgeving met betrekking tot het vervoer van gevaarlijke goederen over het spoor

RRN = REACH registratie nummer

SCL = Specifieke concentratielimiet.

SVHC = Zeer zorgwekkende stoffen

STOT-RE = specifieke doelorgaantoxiciteit - herhaalde blootstelling

STOT-SE = specifieke doelorgaantoxiciteit - enkelvoudige blootstelling

TGG = Tijd gewogen gemiddelde

UVBC = Stoffen van onbekende of variabele samenstelling, complexe reactieproducten of biologische materialen.

VN = Verenigde Naties

VOS = Vluchtige Organische Stoffen

zPzB = zeer Persistent en zeer Bioaccumulatief

Overig

De indeling van het stof/mengsel ten aanzien van de gevaren voor de gezondheid in overeenstemming zijn met de berekeningsmethoden die door Verordening (EC) nr 1272/2008 (CLP).

De indeling van het stof/mengsel ten aanzien van huidcorrosie en ernstig oogletsel is gebaseerd op het pH-criterium verstrekt door Verordening (EC) nr 1272/2008 (CLP)

Het veiligheidsinformatieblad is gevalideerd door

Quality & Compliance

Overig

Veranderingen ten opzichte van de vorige belangrijke revisie (eerste cijfer in de SDS-versie, zie rubriek 1) van dit veiligheidsinformatieblad zijn gemarkeerd met een driehoek.

De inlichtingen in dit veiligheidsinformatieblad gelden alleen voor het product genoemd in rubriek 1 en hoeven niet te gelden bij gebruik samen met andere producten.

Het is aan te bevelen dit veiligheidsinformatieblad af te geven aan de eigenlijke gebruiker van het product. De genoemde informatie dient niet als productspecificatie.

Land-taal: BE-nl

ИНФОРМАЦИОНЕН ЛИСТ ЗА БЕЗОПАСНОСТ

i.23 descaler foam

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

1.1. Идентификатор на продукта

Търговско наименование:
i.23 descaler foam

Уникален идентификатор на формули (UFI):
E094-SY4R-6T7V-FTJ3

1.2. Идентифицирани употреби на веществото или сместа, които са от значение, и употреби, които не се препоръчват

Съответни идентифицирани употреби на веществото или сместа:
Детергенти и почистващи препарати (включително на основата на разтворители)
Само за професионална употреба.

Употреби, които не се препоръчват:
Никой познат.

1.3. Подробни данни за доставчика на информационния лист за безопасност

Компания и адрес:
Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

Е-поща:
info@hygeniq.com

Преработено издание:
12.02.2025 г.

SDS версия:
1.0

1.4. Телефонен номер при спешни случаи

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

РАЗДЕЛ 2: ОПИСАНИЕ НА ОПАСНОСТИТЕ

Класифицирано съгласно Регламент (ЕО) № 1272/2008 (Класифициране, етиктиране и опаковане).

2.1. Класифициране на веществото или сместа

Skin Corr. 1; H314, Причинява тежки изгаряния на кожата и сериозно увреждане на очите.
Eye Dam. 1; H318, Предизвиква сериозно увреждане на очите.

2.2. Елементи на етикета

Пиктограма(и) за опасност:



Сигнална дума:

Опасно

Декларация(и) за опасност:

Причинява тежки изгаряния на кожата и сериозно увреждане на очите. (H314)

Декларация(и) за безопасност:

Общи:

-

Предотвратяване:

Не вдишвайте изпарения/влага. (P260)

Използвайте защита на очите/защитни ръкавици. (P280)

Отговор:

ПРИ КОНТАКТ С КОЖАТА (или косата): незабавно свалете цялото замърсено облекло. Облейте кожата с вода или вземете душ. (P303+P361+P353)

ПРИ КОНТАКТ С ОЧИТЕ: промивайте внимателно с вода в продължение на няколко минути. Свалете контактните лещи, ако има такива и доколкото това е възможно. Продължете с изплакването. (P305+P351+P338)

Незабавно се обадете в ЦЕНТЪР ПО ТОКСИКОЛОГИЯ/доктор. (P310)

Съхранение:

-

Изхвърляне:

Съдържанието/съдът да се изхвърли в съответствие с мест местната родната уредба (P501)

Идентичност на веществата, основно отговорни за най-големите опасности за здравето:

D-Glucopyranose, oligomers, decyloctyl glycoside

Допълнително етикуване:

UFI: E094-SY4R-6T7V-FTJ3

Етикетиране на съдържанието съгласно Регламент 648/2004 за детергентите:

5% - 15%

· Нейногенни повърхностноактивни вещества

2.3. Други опасности

Допълнителни предупреждения:

Тази смес/продукт не съдържа вещества, считани за отговарящи на критерии, класифициращи ги като PBT и/или vPvB.

Този продукт не съдържа вещества, които се считат за разрушаващи ендокринната система в съответствие с критериите, определени в Делегиран регламент (ЕС) № 2017/2100 на Комисията или Регламент на Комисията (ЕС) № 2023/707.

РАЗДЕЛ 3: СЪСТАВ/ИНФОРМАЦИЯ ЗА СЪСТАВКИТЕ

3.1. Вещества

Не е приложимо. Този продукт е смес.

3.2. Смеси

Продукт/ингредиент	Идентификатори	% w/w	Класификация	Забел ежка
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS №: 68515-73-1 EO №: REACH:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]

	Индекс №:			
Urea hydrochloride	CAS №: 506-89-8 EO №: 208-059-6 REACH: Индекс №:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
натриев хидроксид;сода каустик	CAS №: 1310-73-2 EO №: 215-185-5 REACH: 01-2119457892-27-XXXX Индекс №: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

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

[19] UVCB = вещества с неизвестен или променлив състав, продукти от сложни реакции или биологични материали.

РАЗДЕЛ 4: МЕРКИ ЗА ПЪРВА ПОМОЩ

4.1. Описание на мерките за първа помощ

Обща информация:

В случай на инцидент: Свържете се с лекар или отдел за производствения - вземете етикета или този информационен лист за безопасност.

Свържете се с лекар, ако имате съмнения относно състоянието на пострадалия или ако симптомите продължават. Никога не давайте на човек в безсъзнание вода или други подобни.

Вдишване:

При проблеми с дишането или дразнене на дихателните пътища: При проблеми с дишането или дразнене на дихателните пътища: Отведете лицето на чист въздух и да останете с него.

Контакт с кожата:

Промийте изложената зона с вода продължително време - най-малко 30 минути. Възможно е да се наложи да промивате в продължение на няколко часа. Използвайте приятна температура на водата (20-30 °C). Свържете се с център по токсикология/лекар/болница за допълнителни съвети относно наблюдение и лечение.

Свалете замърсеното облекло и обувки наведнъж. Кожата, която е влязла в контакт с материала трябва да се измие обилно с вода и сапун. Може да се използва препарат за почистване на кожата. НЕ използвайте разтворители и разреждители.

При поява на кожно дразнене: Потърсете медицински съвет/помощ.

Контакт с очите:

ПРИ КОНТАКТ С ОЧИТЕ: Изплакнете обилно очите с вода или солена вода (20-30 °C) в продължение на най-малко 30 минути и продължете докато дразненето спре. Свалете контактните лещи. Уверете се, че сте изплакнали под горния и долния клепач. Незабавно потърсете лекарска помощ и продължете да промивате по време на транспортиране.

Поглъщане:

В случай на поглъщане, незабавно се свържете с лекар. Ако лицето е в съзнание, дайте му вода. ДА НЕ се предизвиква повръщане, освен ако не е препоръчано от лекар. Дръжте главата обърната надолу, така че ако има повръщане да не изтече обратно в устата и гърлото. Избягнете шока като държите пострадалия затоплен и спокоен. Ако лицето спре да диша, направете реанимация уста-в-уста. При изпадане в безсъзнание, завъртете лицето на една страна като горният крак е свит в коленете и хълбока. Извикайте линейка.

Изгаряния:

Не е приложимо.

4.2. Най-съществени остри и настъпващи след известен период от време симптоми и ефекти

Увреждащи тъканта ефекти: Този продукт съдържа вещества, които са корозивни. Ако се вдишат парите или аерозолите, това може да доведе до увреждане на белите дробове, дразнене и изгаряния в дихателните органи, както и кашлица. Разяждащите вещества предизвикват необратими увреждания на очите и киселинни изгаряния на кожата.

4.3. Указание за необходимостта от всякакви неотложни медицински грижи и специално лечение

ПРИ явна или предполагаема експозиция:

Незабавно потърсете медицински съвет/помощ.

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 катаболитни вещества се произвеждат. Това са:

Въглеродни оксиди (CO / CO₂)

5.3. Съвети за пожарникарите

Носете автономен дихателен апарат и защитно облекло за предпазване от контакт.

РАЗДЕЛ 6: МЕРКИ ПРИ АВАРИЙНО ИЗПУСКАНЕ

6.1. Лични предпазни мерки, предпазни средства и процедури при спешни случаи

Да се избягва пряк контакт с разлети вещества.

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 пряк контакт с продукта.

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

Контейнерите, които са били отворяни, трябва внимателно да се запечатат отново и да се съхраняват в

изправено положение, за да не се допусне разлив.

Съвместимостта на опаковките:

Да се съхранява само в оригиналната опаковка.

Условия за съхранение:

Сухо, хладно и добре проветрено

Несъвместими материали:

Да се съхранява само в оригиналната опаковка.

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

D-Glucopyranose, oligomers, decyloctyl glycoside

Продължителност:	Маршрут на експозиция:	DNEL:
Дълготрайна - систематични ефекти - работници	Вдишване	420 mg/m ³
Дълготрайна - систематични ефекти - цялото население	Вдишване	124 mg/m ³
Дълготрайна - систематични ефекти - работници	Дермално	595000 mg/kg/ден
Дълготрайна - систематични ефекти - цялото население	Дермално	357000 mg/kg/ден
Дълготрайна - систематични ефекти - цялото население	Орално	35.7 mg/kg/ден

PNEC

D-Glucopyranose, oligomers, decyloctyl glycoside

Маршрут на експозиция:	Продължителност на излагане:	PNEC:
Хищници		111.11 mg/kg
Морска вода		17.6 µg/L
Морска вода утайки		152 µg/kg
Периодично изпускане (сладководна среда)		270 µg/L
Почва		654 µg/kg
Пречиствателна станция за отпадни води		560 mg/L
Сладководна среда		176 µg/L
Сладководна среда утайки		1.516 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:

Станциите за промивка на очите и аварийни душеве трябва да са леснодостъпни.

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

Мерки за лична хигиена:

Всеки път, когато си вземете почивка в използването на този продукт и когато приключите с използването му, всички открити части на тялото трябва да се измият. Обърнете особено внимание на ръцете, предмишниците и лицето.

Мерки за предотвратяване на екологична експозиция:

Дръжте преграждащите материали близо до работното място. Ако е възможно съберете разливането по време на работа.

Индивидуални мерки за защита като например лични предпазни средства

Общо:

Изперете замърсеното облекло преди повторна употреба.

Да се използва само защитно оборудване със СЕ маркировка.

Оборудване за дишане:

Тип	Клас	Цвят	Стандарти	
Не е нужна защита на дихателните пътища при подходяща вентилация				

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	
Нитрилна гума	0.4	> 480	EN374-2, EN374-3, EN388	

Защита на очите:

Тип	Стандарти	
Носете предпазни очила със странични предпазители.	EN166	

РАЗДЕЛ 9: ФИЗИЧНИ И ХИМИЧНИ СВОЙСТВА

9.1. Информация относно основните физични и химични свойства

Форма:

Течност

Цвят:

Кафяв

Мирис / Граница на мириса (ppm):

Характерен

pH:

са. 1.6

Плътност (g/cm³):

1,05 (20 °C)

Кинематичен вискозитет:

Няма подходящи или налични данни поради естеството на продукта.

Характеристики на частиците:

Не се прилага за течности.

Фазови промени

Точка на топене/точка на замръзване (°C):

Няма подходящи или налични данни поради естеството на продукта.

Точката/интервалът на размекване (°C) :

Не се прилага за течности.

Точка на кипене (°C):

Няма подходящи или налични данни поради естеството на продукта.

Парно налягане:

Няма подходящи или налични данни поради естеството на продукта.

Относителна плътност на парите :

Няма подходящи или налични данни поради естеството на продукта.

Температура на разлагане (°C):

Няма подходящи или налични данни поради естеството на продукта.

Данни за опасности от пожар и експлозия

Точка на запалване (°C):

Няма подходящи или налични данни поради естеството на продукта.

Запалимост (°C):

Няма подходящи или налични данни поради естеството на продукта.

Температура на самозапалване (°C):

Няма подходящи или налични данни поради естеството на продукта.

Граници на експлозия (Обем %):

Няма подходящи или налични данни поради естеството на продукта.

Разтворимост

Разтворимост във вода:

Напълно разтворимо

коефициент на n-октанол/вода (LogKow):

Няма подходящи или налични данни поради естеството на продукта.

Разтворимост в мазнини (g/l):

Няма подходящи или налични данни поради естеството на продукта.

9.2. Друга информация

Други физични и химични параметри:

ND: 1.354

Оксидиращи свойства:

Няма подходящи или налични данни поради естеството на продукта.

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

Да се съхранява само в оригиналната опаковка.

10.6. Опасни продукти на разпадане

Термичното разлагане може да доведе до корозивни изпарения.

РАЗДЕЛ 11: ТОКСИКОЛОГИЧНА ИНФОРМАЦИЯ

11.1. Информация за класовете на опасност, определени в Регламент (ЕО) № 1272/2008

Остра токсичност

Продукт/ингредиент	D-Glucopyranose, oligomers, decyloctyl glycoside
Метод за изпитвания:	ОИСП 401
Видове:	Плъх
Маршрут на експозиция:	Орално
Изпитване:	LD50
Резултат:	> 5.000 mg/kg

Продукт/ингредиент	D-Glucopyranose, oligomers, decyloctyl glycoside
Метод за изпитвания:	ОИСП 402
Видове:	Заек
Маршрут на експозиция:	Дермално
Изпитване:	LD50
Резултат:	> 2000 mg/L

Корозия/дразнене на кожата

Продукт/ингредиент	D-Glucopyranose, oligomers, decyloctyl glycoside
Резултат:	Не са наблюдавани неблагоприятни ефекти (Не дразнещ)

Причинява тежки изгаряния на кожата и сериозно увреждане на очите.

Сериозно увреждане/дразнене на очите

Продукт/ингредиент	D-Glucopyranose, oligomers, decyloctyl glycoside
Резултат:	Наблюдавани са неблагоприятни ефекти (Предизвиква сериозно увреждане на очите)

Предизвиква сериозно увреждане на очите.

Респираторна сенсibiliзация

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

Кожна сенсibiliзация

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

Увреждащи тъканта ефекти: Този продукт съдържа вещества, които са корозивни. Ако се вдишат парите или аерозолите, това може да доведе до увреждане на белите дробове, дразнене и изгаряния в дихателните органи, както и кашлица. Разяждащите вещества предизвикват необратими увреждания на очите и киселинни изгаряния на кожата.

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: D-Glucopyranose, oligomers, decyloctyl glycoside
 Метод за изпитвания: DIN EN ISO 7346-2
 Видове: Риби, Brachydanio rerio
 Изпитване: LC50
 Резултат: > 100 mg/L

Продукт/ингредиент: D-Glucopyranose, oligomers, decyloctyl glycoside
 Метод за изпитвания: ОИСП 202
 Видове: Daphnia magna
 Изпитване: EC50
 Резултат: > 100 mg/L

Продукт/ингредиент: D-Glucopyranose, oligomers, decyloctyl glycoside
 Видове: Scenedesmus subspicatus
 Изпитване: EC50
 Резултат: > 10 - 100 mg/L

Продукт/ингредиент: D-Glucopyranose, oligomers, decyloctyl glycoside
 Метод за изпитвания: ОИСП 209
 Видове: Pseudomonas putida
 Изпитване: EC0
 Резултат: > 100 mg/l mg/L

Продукт/ингредиент: D-Glucopyranose, oligomers, decyloctyl glycoside
 Метод за изпитвания: ОИСП 204
 Видове: Риби, Brachydanio rerio
 Резултат: > 1 - 10 mg/L

Продукт/ингредиент: D-Glucopyranose, oligomers, decyloctyl glycoside
 Метод за изпитвания: ОИСП 202
 Видове: Daphnia magna
 Изпитване: NOEC
 Резултат: > 1 - 10 mg/L

12.2. Устойчивост и разградимост

Продукт/ингредиент: D-Glucopyranose, oligomers, decyloctyl glycoside
 Заключение: Пряка биоразградимост

Повърхностно активното/ ните вещество / ва , съдържащо / и се в този препарат , отговаря (отговарят) на критериите за биологична разградимост , посочени в Регламент (ЕК) № 648/2004 относно детергентите . Данните, потвърждаващи това твърдение са на разположение на компетентните органи на страните - членки и може да им бъдат предоставени при тяхна директна молба или при молба от страна на производител на детергент.

12.3. Биоакмулираща способност

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

12.4. Преносимост в почвата

Няма налични данни.

12.5. Резултати от оценката на РВТ и vPvB

Тази смес/продукт не съдържа вещества, считани за отговарящи на критерии, класифициращи ги като РВТ

и/или vPvB.

12.6. Свойства, нарушаващи функциите на ендокринната система

Тази смес/този продукт не съдържа вещества, за които се счита, че имат свойства, нарушаващи функциите на ендокринната система, по отношение на околната среда.

12.7. Други неблагоприятни ефекти

Никой познат.

РАЗДЕЛ 13: ОБЕЗВРЕЖДАНЕ НА ОТПАДЪЦИТЕ

13.1. Методи за третиране на отпадъци

Продуктът е включен в разпоредбите за опасни отпадъци. (*)

HP 8 - Корозивни

Съдържанието/съдът да се изхвърли в одобрено съоръжение за изхвърляне на отпадъци.

Регламент (ЕС) № 1357/2014 на Комисията от 18 декември 2014 относно отпадъците.

EWC код:

20 01 29* детергенти, съдържащи опасни вещества

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 информац ия:
ADR	UN3265	КОРОЗИОННА ТЕЧНОСТ, КИСЕЛИННА, ОРГАНИЧНА, Н.У.К.	Клас: 8 Етикети: 8 Класификационен код: C3 	III	Ne	Ограничен и количества : 5 L Транспорт на категория: (E) Вижте по- долу за допълните лна информац ия.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Опаковъчна група

** Опасности за околната среда

Допълнителна информация

Този продукт е обхванат от конвенциите за опасни стоки.

ADR / Вж. Таблица А, раздел 3.2.1 за информация относно специални разпоредби, изисквания или предупреждения във връзка с транспорта. Вижте раздел 5.4.3 за писмени инструкции относно намаляването на щети във връзка с инциденти или злополуки по време на транспорт.

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.

Лица под 18-годишна възраст не трябва да се излагат на този продукт.

Търсене за конкретно образование:

Няма специфични изисквания.

SEVESO - КАТЕГОРИИ НА ОПАСНОСТ / ПОИМЕННО ПОСОЧЕНИ ОПАСНИ ВЕЩЕСТВА:

Не е приложимо.

Етикетиране на съдържанието съгласно Регламент 648/2004 за детергентите:

5% - 15%

· Нейногенни повърхностноактивни вещества

Допълнителна информация:

Повърхностно активното/ ните вещество / ва , съдържащо / и се в този препарат , отговаря (отговарят) на критериите за биологична разградимост , посочени в Регламент (ЕК) № 648/2004 относно детергентите .

Данните, потвърждаващи това твърдение са на разположение на компетентните органи на страните - членки и може да им бъдат предоставени при тяхна директна молба или при молба от страна на производител на детергент.

Източници:

НАРЕДБА № 6 ОТ 24 ЮЛИ 2006 Г. ЗА УСЛОВИЯТА И РЕДА ЗА ДАВАНЕ НА РАЗРЕШЕНИЯ ЗА РАБОТА НА ЛИЦА, НЕНАВЪРШИЛИ 18 ГОДИНИ.

Регламент (ЕО) № 648/2004 на Европейския парламент и на Съвета от 31 март 2004 година относно детергентите.

Регламент (ЕС) № 1357/2014 на Комисията от 18 декември 2014 година относно отпадъците.

Регламент (ЕО) № 1272/2008 на Европейския парламент и на Съвета от 16 декември 2008 година относно класифицирането, етикетирането и опаковането на вещества и смеси (CLP).

Регламент (ЕО) № 1907/2006 на Европейския парламент и на Съвета от 18 декември 2006 година относно регистрацията, оценката, разрешаването и ограничаването на химикали (REACH).

15.2. Оценка на безопасността на химично вещество или смес

Не

РАЗДЕЛ 16: ДРУГА ИНФОРМАЦИЯ

Пълният текст на H-фразите са посочени в раздел 3

H290, Може да бъде корозивно за металите.

H314, Причинява тежки изгаряния на кожата и сериозно увреждане на очите.

H315, Предизвиква дразнене на кожата.

H318, Предизвиква сериозно увреждане на очите.

H319, Предизвиква сериозно дразнене на очите.

H335, Може да предизвика дразнене на дихателните пътища.

Съкращения и акроними

ADN = Европейско споразумение за международен превоз на опасни товари по вътрешни водни пътища

ADR = Европейска спогодба за международен превоз на опасни товари по шосе

ATE = Оценка на острата токсичност

BCF = Фактор на биоконцентрация

CAS = Химическа реферативна служба

CE = Сценарий на експозиция

CLP = Регламент за класифицирането, етикетирането и опаковането [Регламент (ЕО) №1272/2008]

CSA = Оценка за безопасност на химично вещество

CSR = Доклад за безопасност на химично вещество
DMEL = Изчислено ниво с минимален ефект
DNEL = Изчислено ниво без ефект
EINECS = Европейски инвентаризационен списък на съществуващите търговски химични вещества
EUH statement = CLP предупреждение за специфична опасност
EuPCS = Европейска система за категоризация на продукти
EWC = Европейски каталог на отпадъците
GHS = Глобална хармонизирана система за класифициране и етикетиране на химични вещества
IATA = Международна асоциация за въздушен транспорт
IBC = Средноголям контейнер за насипен товар
IMDG = Международен превоз на опасни товари по море
LogPow = Логаритъм от коефициента на разпределение октанол/вода
MARPOL 73/78 = Международна конвенция за предотвратяване замърсяването от кораби, 1973, изменена с протокол от 1978 г. ("Магрой" = замърсяване на морските води)
OICSP = Организация за Икономическо Сътрудничество и Развитие
ОН = Обединени нации
ПГЗ = Потенциалът за глобално затопляне
PBT = Устойчиво, биоакмулиращо и токсично
PNEC = Изчислена концентрация без ефект
RID = Разпоредби за международен превоз на опасни товари с железопътен транспорт
RRN = Регистрационен номер съгласно REACH
SCL = специфична пределна концентрация.
STOT-RE = Специфична токсичност за определен орган - многократна експозиция
STOT-SE = Специфична токсичност за определен орган - еднократна експозиция
SVHC = Вещества, предизвикващи сериозно безпокойство
TWA = Средна премерена във времето
UVCB = вещества с неизвестен или променлив състав, продукти от сложни реакции или биологични материали.
ЛОС = Летливо органично съединение
vPvB = Много устойчиво и много биоакмулиращо

Допълнителна информация

Класификацията на сместа по отношение на рискове за здравето е извършена съгласно методите за изчисление, упоменати в Регламент (ЕО) № 1272/2008 (CLP).

Класификацията на сместа по отношение на корозия на кожата и сериозно увреждане на зрението се основава на критериите за pH, зададени от Регламент (ЕО) № 1272/2008 (CLP)

Информационният лист за безопасност е потвърден от Quality & Compliance

Други

Промяната (пропорционално на последната съществена промяна (първи шифър в SDS версия)) се отбелязва със триъгълник.

Информацията в този информационен лист за безопасност се отнася само за този конкретен продукт (посочен в раздел 1) и не е задължително да се коригира за използване на други химикали/продукти.

Препоръчително е този информационен лист за безопасност да се предаде на действителния потребител на продукта. Информацията в този информационен лист за безопасност не може да се използва като спецификация на продукта.

Държава-език: BG-bg

FICHA DE INFORMAÇÕES DE SEGURANÇA

i.23 descaler foam

SEÇÃO 1: IDENTIFICAÇÃO DO PRODUTO E DA EMPRESA

1.1. Identificação do produto

Nome comercial:

i.23 descaler foam

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:

Ninguém familiarizado.

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:

12/02/2025

Versão FDS:

1.0

1.4. Número de telefone para emergências

Tel (ambulância): 192 Consultar a seção 4 "Medidas de primeiros socorros"

SEÇÃO 2: IDENTIFICAÇÃO DE PERIGOS

Classificado de acordo com a ABNT NBR 14725-2.

2.1. Classificação da substância ou mistura

Skin Corr. 1; H314, Provoca queimadura severa á pele e dano aos olhos.

Eye Dam. 1; H318, Provoca lesões oculares graves.

2.2. Elementos de rotulagem

Pictograma(s) de perigo:



Palavra(s) de advertência:

Perigo

Frase(s) de perigo:

Provoca queimadura severa á pele e dano aos olhos. (H314)

Recomendação(ões) de Prudência:

Geral:

-

Prevenção:

Não inale as vapores/neblina. (P260)

Use luvas de protecção ocular/luvas de protecção. (P280)

Resposta:

EM CASO DE CONTATO COM A PELE (ou o cabelo): Retirar imediatamente toda a roupa contaminada. Enxáguar a pele com água ou tomar um ducha. (P303+P361+P353)

EM CASO DE CONTATO COM OS OLHOS: Enxáguar cuidadosamente com água durante vários minutos. No caso de uso de lentes de contato, remova-as, se for fácil. Continue a enxaguando. (P305+P351+P338)

Contacte imediatamente um CENTRO DE INFORMAÇÃO ANTIVENENOS/médico. (P310)

Armazenamento:

-

Eliminação:

Eliminar o conteúdo/recipiente Em conformidade com os regulamentos locais (P501)

Identificação das substâncias primariamente responsáveis pelos principais perigos para a saúde:

D-Glucopyranose,oligomers,decyloctyl glycoside

Rotulagem adicional:

Não aplicável.

2.3. Outros perigos

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
D-Glucopyranose,oligomers,decyloctyl glycoside	N.º CAS: 68515-73-1 N.º CE:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	N.º CAS: 506-89-8 N.º CE: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
hidróxido de sódio	N.º CAS: 1310-73-2 N.º CE: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

Consultar texto integral de advertências de perigo na secção 16. Limites de exposição ocupacionais enumerados na secção 8, se estes se encontrarem disponíveis.

Outras informações

[19] UVCB = Composição desconhecida ou variável; contém produtos sujeitos a reação complexa ou composto de

materiais biológicos.

SEÇÃO 4: MEDIDAS DE PRIMEIROS SOCORROS

4.1. Descrição das medidas de primeiros socorros

Informação Geral:

Em caso de acidente: Contate um médico ou serviço de urgência - leve a etiqueta ou esta ficha de dados de segurança.

Contate um médico se tiver dúvidas sobre o estado de uma pessoa ferida ou se os sintomas perdurarem. Nunca ofereça dê água ou semelhante a uma pessoa inconsciente.

Inalação:

No caso de dificuldades de respiração ou irritação do sistema respiratório: Remova a pessoa para local ventilado e mantenha acompanhada

Contato com a pele:

Lavar a área exposta durante muito tempo, pelo menos 30 minutos. Pode ser necessário lavar durante várias horas. Utilizar uma temperatura de água confortável (20 - 30 °C). Contactar o centro de informação sobre as intoxicações/médico/hospital para obter aconselhamento sobre acompanhamento e tratamento.

Remova imediatamente o vestuário contaminado e os sapatos. A pele que tenha estado em contato com o material deve ser lavada com bastante água e sabão. Usar um produto de limpeza para a pele. NÃO use solventes ou diluentes.

Em caso de irritação cutânea: consulte um médico.

Contato com os olhos:

Em caso de contato com os olhos: Lave os olhos com bastante água abundante (20-30 °C) por, pelo menos, 30 minutos e continue até que a irritação pare. Remova as lentes de contato. Lave cuidadosamente por baixo das pálpebras inferior e superior. Contate de imediato um médico. Contatar um médico de imediato e continuar a lavar durante a viagem.

Ingestão:

Em caso de ingestão, contate imediatamente um médico. Se a pessoa estiver consciente, ofereça água. NÃO tente induzir o vômito salvo recomendação médica. Mantenha a face virada para baixo para que o vômito não retroceda para a boca e garganta. Previna o choque mantendo a pessoa aquecida e calma. Faça respiração boca-a-boca se a respiração parar. Se inconsciente, vire a pessoa deitada de lado com o joelho dobrado na coxa. Chame uma ambulância.

Queimaduras:

Não aplicável.

4.2. Sintomas e efeitos mais importantes, tanto agudos como retardados

Efeitos de danos nos tecidos: Este produto contém substâncias corrosivas. Se o vapor ou aerossóis foram inalados, pode resultar em danos nos pulmões, irritação e queimaduras nos órgãos respiratórios bem como tosse. As substâncias corrosivas provocam danos irreversíveis nos olhos e o ácido queima a pele.

4.3. Indicações sobre cuidados médicos urgentes e tratamentos especiais necessários

EM CASO DE exposição ou suspeita de exposição:

Consulte imediatamente um médico.

Notas para o médico

Leve esta 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)

5.3. Medidas de proteção da equipe de combate a incêndio

Use equipamento autônomo de respiração e vestuário de proteção para evitar o contacto.

SEÇÃO 6: MEDIDAS DE CONTROLE PARA DERRAMAMENTO OU VAZAMENTO

6.1. Precauções pessoais, equipamento de proteção e procedimentos de emergência

Evite o contato direto com as substâncias derramadas.
As áreas contaminadas podem ser escorregadias.

6.2. Precauções ao meio ambiente

Evite a descarga em lagos, correntes de água, esgotos, etc.
Manter as pessoas não autorizadas longe do derrame

6.3. Métodos e materiais para a contenção e limpeza

Contenha e recolha produtos derramados com material não combustível e absorvente, por exemplo, areia, terra, vermiculite ou terra de diatomáceas e coloque num recipiente para eliminação de acordo com os regulamentos locais.

Deve ser feita uma limpeza, tanto quanto possível, usando agentes de limpeza normais. Evitar o uso de solventes.

6.4. Remissão para outras secções

Consulte a seção 13 "Considerações relativas à eliminação" para o manuseio de resíduos.

Consulte a seção 8 "controle da exposição/Proteção individual" para medidas preventivas.

SEÇÃO 7: MANUSEIO E ARMAZENAMENTO

7.1. Precauções para manuseio seguro

Evite o contato direto com o produto.

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

Os recipientes abertos devem ser cuidadosamente fechados novamente e mantidos na vertical para impedir vazamentos.

Compatibilidade das embalagens:

Mantenha sempre o produto na sua embalagem original.

Condições de armazenamento:

Ambiente seco, fresco e bem ventilado

Materiais incompatíveis:

Mantenha sempre o produto na sua embalagem original.

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:

Certifique-se de que as estações de lavagem ocular e os chuveiros de segurança estão localizados a uma curta distância.

Aplicar as precauções padrão quando utilizar o produto. Evitar a inalação de vapores.

Medidas de higiene:

Sempre que fizer uma pausa na utilização deste produto e quando tiver terminado de o utilizar, todas as áreas do corpo expostas, devem ser lavadas. Dê especial atenção às mãos, antebraços e rosto.

Medidas para evitar a exposição ambiental:

Mantenha os materiais de contenção próximo do local de trabalho. Se possível recolha produto derramado durante o trabalho.

Medidas de proteção Pessoal

Geralmente:

Lave a roupa contaminada antes de usá-la novamente.

Usar apenas equipamento de proteção com a marcação 'CA'.

Equipamento respiratórios:

Tipo	Classe	Cor	Normas
Com ventilação adequada, a proteção respiratória não é necessária			

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
Borracha nitrílica	0.4	> 480	EN374-2, EN374-3, EN388



Proteção dos olhos:

Tipo	Normas
Utilizar óculos de segurança com proteção lateral.	EN166



SEÇÃO 9: PROPRIEDADES FÍSICAS E QUÍMICAS

9.1. Informações sobre propriedades físicas e químicas de base

Aspecto:

Líquido

Cor:

Castanho

Odor / Limite de odor (ppm):

Característico

pH:

ca. 1.6

Densidade (g/cm³):

1,05 (20 °C)

Viscosidade:

Não há dados relevantes ou disponíveis devido à natureza do produto

Características das partículas:

Não se aplica aos líquidos.

Alterações da fase

Ponto de fusão/ponto de congelação (°C):

Não há dados relevantes ou disponíveis devido à natureza do produto

Ponto/intervalo de amolecimento (°C):

Não se aplica aos líquidos.

Ponto de ebulição (°C):

Não há dados relevantes ou disponíveis devido à natureza do produto

Pressão de vapor:

Não há dados relevantes ou disponíveis devido à natureza do produto

Densidade relativa do vapor:

Não há dados relevantes ou disponíveis devido à natureza do produto

Temperatura de decomposição (°C):

Não há dados relevantes ou disponíveis devido à natureza do produto

Dados sobre os perigos de fogo e explosão

Ponto de fulgor (°C):

Não há dados relevantes ou disponíveis devido à natureza do produto

Ignição (°C):

Não há dados relevantes ou disponíveis devido à natureza do produto

Temperatura de autoignição (°C):

Não há dados relevantes ou disponíveis devido à natureza do produto

Limite inferior/superior de inflamabilidade eu explosividade (% v/v):

Não há dados relevantes ou disponíveis devido à natureza do produto

Solubilidade

Solubilidade na água:

Completamente solúvel

Coefficiente de partição: n-octanol/água (LogKow):

Não há dados relevantes ou disponíveis devido à natureza do produto

Solubilidade em gordura (g/L):

Não há dados relevantes ou disponíveis devido à natureza do produto

9.2. Outras informações

Outros parâmetros físicos e químicos:

ND: 1.354

Propriedades oxidantes:

Não há dados relevantes ou disponíveis devido à natureza do produto

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

Ninguém familiarizado.

10.4. Condições a serem evitadas

Ninguém familiarizado.

10.5. Materiais incompatíveis

Mantenha sempre o produto na sua embalagem original.

10.6. Produtos perigosos da decomposição

A decomposição térmica pode produzir vapores corrosivos.

SEÇÃO 11: INFORMAÇÕES TOXICOLÓGICAS

11.1. Informações sobre as classes de perigo

Toxicidade aguda

Produto/Ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Método de ensaio:	OCDE 401
Espécie:	Rato
Via de exposição:	Oral
Teste:	LD50
Resultado:	> 5.000 mg/kg

Produto/Ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Método de ensaio:	OCDE 402
Espécie:	Coelho
Via de exposição:	Dérmico
Teste:	LD50
Resultado:	> 2000 mg/L

Corrosão/irritação da pele

Produto/Ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Resultado:	Nenhum efeito adverso observado (Não irritante)

Provoca queimadura severa á pele e dano aos olhos.

Lesões oculares graves/irritação ocular

Produto/Ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Resultado:	Efeitos adversos observados (Provoca lesões oculares graves)

Provoca lesões oculares graves.

Sensibilização respiratória

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

Efeitos de danos nos tecidos: Este produto contém substâncias corrosivas. Se o vapor ou aerossóis foram inalados, pode resultar em danos nos pulmões, irritação e queimaduras nos órgãos respiratórios bem como tosse. As substâncias corrosivas provocam danos irreversíveis nos olhos e o ácido queima a pele.

Propriedades desreguladoras do sistema endócrino

Essa mistura/produto não contém quaisquer substâncias que tenham propriedades desreguladoras dos hormônios para a saúde.

Outras informações

Ninguém familiarizado.

SEÇÃO 12: INFORMAÇÕES ECOLÓGICAS

12.1. Ecotoxicidade

Produto/Ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensaio:	DIN EN ISO 7346-2
Espécie:	Peixes, Brachydanio rerio
Teste:	LC50
Resultado:	> 100 mg/L

Produto/Ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensaio:	OCDE 202
Espécie:	Daphnia magna
Teste:	EC50
Resultado:	> 100 mg/L

Produto/Ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Espécie:	Scenedesmus subspicatus
Teste:	EC50
Resultado:	> 10 - 100 mg/L

Produto/Ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensaio:	OCDE 209
Espécie:	Pseudomonas putida
Teste:	EC0
Resultado:	> 100 mg/l mg/L

Produto/Ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensaio:	OCDE 204
Espécie:	Peixes, Brachydanio rerio
Resultado:	> 1 - 10 mg/L

Produto/Ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensaio:	OCDE 202
Espécie:	Daphnia magna
Teste:	NOEC
Resultado:	> 1 - 10 mg/L

12.2. Persistência e degradabilidade

Produto/Ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Conclusão:	Elevada biodegradabilidade

12.3. Potencial bioacumulativo

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

12.4. Mobilidade no solo

Nenhum dado disponível.

12.7. Outros efeitos adversos

Ninguém familiarizado.

SEÇÃO 13: CONSIDERAÇÕES SOBRE DESTINAÇÃO FINAL

Métodos recomendados para destinação final

Descarte o conteúdo/recipiente em a uma instalação de eliminação de resíduos aprovada.

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 informaçõ es:
ANTT	UN3265	LÍQUIDO ORGÂNICO CORROSIVO, ÁCIDO, N.S.A.	Classe: 8 Etiquetas: 8 Código de classificação: C3 	III	Não	Quantidade s limitadas: 5 L Código de restrição em túneis: (E) Vide maiores informaçõe s abaixo.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Grupo de embalagem

** Perigo ao meio ambiente

Informação adicional

Este produto se enquadra no escópo das convenções sobre mercadorias perigosas.

ANTT / Consulte a Tabela A, seção 3.2.1 para obter quaisquer informações sobre disposições especiais, requisitos ou avisos relacionados com transporte. Consulte a seção 5.4.1 para obter instruções sobre como escrever sobre atenuação de danos em relação a incidentes ou acidentes durante o transporte.

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 pessoas com menos de 18 anos de idade não podem ser expostas a este produto.

Exigências para educação específica:

Sem requisitos específicos.

SEVESO - Categorias / Substâncias perigosas:

Não aplicável.

Informação adicional:

Não aplicável.

Fontes:

ABNT NBR 14725-2. Produtos químicos — Informações sobre segurança, saúde e meio ambiente Parte 2: Sistema de classificação de perigo.

Leis do Trabalho – CLT e normas correlacionadas.

15.2. Avaliação da segurança química

Não

SEÇÃO 16: OUTRAS INFORMAÇÕES

O texto integral das advertências de perigo- conforme mencionado na secção 3

H290, Pode ser corrosivo para os metais.

H314, Provoca queimadura severa á pele e dano aos olhos.

H315, Provoca irritação à pele.

H318, Provoca lesões oculares graves.

H319, Provoca irritação ocular grave.

H335, Pode provocar irritação das vias respiratórias.

O texto integral dos usos identificados conforme mencionado na secção 1

Ninguém familiarizado.

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

A classificação da mistura, no que diz respeito a riscos para a saúde, está em conformidade com os métodos de cálculos fornecidos pelo ABNT NBR 14725-2.

A classificação da mistura, no que respeito, à corrosão cutânea e lesões oculares graves tem como base o critério de pH indicado pelo ABNT NBR 14725-2.

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

i.23 descaler foam

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name:

i.23 descaler foam

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:

2/12/2025

SDS Version:

1.0

1.4. Emergency telephone number

In an emergency call 911

Alberta / Northwestern Territories (PADIS): 1-800-332-1414

British Columbia (DPIC): 1-800-567-8911

Manitoba: 1-855-7POISON (1-855-776-4766)

New Brunswick: 911

Nova Scotia / Prince Edward Island (IWK): 1-800-565-8161

Ontario (OPC): 1-800-268-9017

Québec (CAPQ): 1-800-463-5060

Saskatchewan (PADIS): 1-866-454-1212

Yukon Territory: (867) 393-8700

Transport emergencies: Call CANUTEC at 1-888-CAN-UTEC (226-8832), 613-996-6666 or *666 on a cellular phone (24 hours)

See also section 4 "First aid measures".

SECTION 2: HAZARD(S) IDENTIFICATION

Classified as hazardous according to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272).

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. (P301+P330+P331)
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

Not applicable.

2.3. Other hazards

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic	CAS No.: 1310-73-2	<0.05%	Met. Corr. 1, H290	

soda			Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	
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See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

General information:

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact a poison centre in order to obtain further advice. See section 1 "Emergency telephone number".

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

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 direct contact with the product.

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

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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 any provincial list of substances with an occupational exposure limit.

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.

Ensure that eyewash stations and safety showers are located within easy reach.

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

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.

Use only protective equipment with a recognized certification mark, e.g. the UL mark.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

Brown

Odour:

Characteristic

Odour threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°F):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

Explosion limits (% v/v):

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: EC50
 Result: > 100 mg/L

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
 Species: Scenedesmus subspicatus
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 209
 Species: Pseudomonas putida
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, Brachydanio rerio
 Result: > 1 - 10 mg/L

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside

Conforms to Hazardous Products Regulation SOR/2015-17 (as amended by SOR/2022-272)

Test method: OECD 202
Species: Daphnia magna
Test: NOEC
Result: > 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

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

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

TDG / See Schedule 1 for any information on special provisions, requirements, or warnings in connection with transport. See part 3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

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:

i.23 descaler foam is listed

15.4. Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

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

H290, May be corrosive to metals.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory 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

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by WHMIS 2022

The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by WHMIS 2022.

The safety data sheet is validated by

Quality & Compliance

Other

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

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

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

Country-language: CA-en

FICHE DE DONNÉES DE SÉCURITÉ

i.23 descaler foam

RUBRIQUE 1: IDENTIFICATION.

1.1. Identificateur de produit

Marque commerciale:

i.23 descaler foam

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:

2025-02-12

Version de la fiche de données de sécurité:

1.0

1.4. Numéro d'appel d'urgence

Dans un cas d'urgence contacter 911

Alberta / Territoires du Nord-Ouest (PADIS): 1-800-332-1414

Colombie-Britannique (DPIC): 1-800-567-8911

Manitoba: 1-855-7POISON (1-855-776-4766)

Nouveau-Brunswick: 911

Nouvelle-Écosse / Île-du-Prince-Édouard (IWK): 1-800-565-8161

Ontario (CAO): 1-800-268-9017

Québec (CAPQ): 1-800-463-5060

Saskatchewan (PADIS): 1-866-454-1212

Yukon: (867) 393-8700

D'urgence, transport: Veuillez contacter CANUTEC au 1-888-CAN-UTEC (226-8832), 613-996-6666 ou *666 sur un téléphone cellulaire (24 h)

Voir la rubrique 4 concernant premiers secours.

RUBRIQUE 2: IDENTIFICATION DES DANGERS

Classé comme dangereux conformément au Règlement sur les produits dangereux DORS/2015-17 (tel que modifié)

par DORS/2022-272).

2.1. Classification de la substance ou du mélange

Skin Corr. 1; H314, Provoque de graves brûlures de la peau et de graves lésions des yeux.

Eye Dam. 1; H318, Provoque de graves lésions des yeux.

2.2. Éléments d'étiquetage

Pictogramme(s) de danger:



Mention d'avertissement:

Danger

Mention(s) de danger:

Provoque de graves brûlures de la peau et de graves lésions des yeux. (H314)

Conseil(s) de prudence:

Précautions:

-

générales:

Ne pas respirer les vapeurs/brouillards. (P260)

Porter des un équipement de protection des yeux/des gants de protection. (P280)

Intervention:

EN CAS D'INGESTION: Rincer la bouche. NE PAS faire vomir. (P301+P330+P331)

EN CAS DE CONTACT AVEC LA PEAU (ou les cheveux): Enlever immédiatement tous les vêtements contaminés.

Rincer la peau à l'eau ou se doucher. (P303+P361+P353)

EN CAS DE CONTACT AVEC LES YEUX: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer.

(P305+P351+P338)

Appeler immédiatement un CENTRE ANTIPOISON/un médecin. (P310)

Stockage:

-

Élimination:

Éliminer le contenu/réceptacle conformément à la réglementation locale (P501)

Contient:

D-Glucopyranose,oligomers,decyloctyl glycoside

Autre étiquetage:

Sans objet.

2.3. Autres dangers

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
D-Glucopyranose,oligomers,decyloctyl glycoside	N° CAS : 68515-73-1	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	N° CAS : 506-89-8	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	

hydroxyde de sodium soude caustique	N° CAS : 1310-73-2	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)
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Le texte intégral des phrases H se trouve dans la rubrique 16. Les limites d'exposition professionnelle sont indiquées dans la rubrique 8, à condition d'être disponibles

Autres informations

[19] UVCB = substances de composition inconnue ou variable, produits de réaction complexes ou matières biologiques.

RUBRIQUE 4: PREMIERS SOINS

4.1. Description des premiers secours

Généralités:

Si la respiration est irrégulière, la somnolence, la perte de conscience ou des crampes : Appelez 911 et donnez le traitement immédiatement (premiers secours)

En cas de symptômes persistants ou en cas de doute concernant l'état de la personne blessée, faites appel à un médecin. Ne donnez jamais à boire de l'eau ou autre liquide à une personne ayant perdu connaissance.

Inhalation:

En cas de difficultés respiratoires ou d'irritation des voies respiratoires : Amenez la personne à l'air frais et gardez la personne sous surveillance.

Contact cutané:

Rincez la zone exposée à l'eau pendant une longue période - au moins 30 minutes. Il peut être nécessaire de rincer pendant plusieurs heures. Utilisez une température d'eau confortable (20-30 °C). Contactez le service antipoison/le médecin/l'hôpital pour obtenir des conseils supplémentaires sur le suivi et le traitement.

Retirez immédiatement les vêtements et chaussures contaminés. Lavez soigneusement avec de l'eau et du savon la peau qui a été en contact avec le produit. Des produits nettoyants domestiques peuvent être utilisés. N'utilisez PAS de produits solvants ou de diluants.

En cas d'irritation cutanée: consulter un médecin.

Contact visuel:

En cas de contact avec les yeux: Rincez aussitôt les yeux avec de grandes quantités d'eau (20-30 °C) pendant au moins 30 minutes et continuez jusqu'à ce que l'irritation cesse. Retirez les éventuelles lentilles de contact. Assurez-vous de bien rincer sous la paupière supérieure et sous la paupière inférieure. Faites aussitôt appel à un médecin. Consultez un médecin immédiatement et continuez de rincer pendant le trajet.

Ingestion:

En cas d'ingestion, contactez immédiatement un médecin. Donnez au blessé de l'eau à boire si la personne est consciente. N'essayez JAMAIS de faire vomir à moins que le médecin ne le recommande. Maintenez la tête tournée vers le bas de manière à ce que le vomi ne revienne pas dans la bouche et la gorge. Prévenez les chocs en gardant le blessé au chaud et au calme. Pratiquez la respiration artificielle si la respiration s'arrête. En cas d'évanouissement; mettez le blessé en position latérale de sécurité. Appelez une ambulance.

Brûlure:

Sans objet.

4.2. Principaux symptômes et effets, aigus et différés

Effets néfastes sur les tissus : ce produit contient des substances ayant des propriétés corrosives sur la peau.

L'inhalation de vapeurs ou d'aérosols peut produire des effets néfastes sur les poumons, irritations et brûlures dans les organes respiratoires ainsi que de la toux. Le contact cutané et le contact avec les yeux provoquent des effets irréversibles.

4.3. Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires

EN CAS d'exposition prouvée ou suspectée:
Consulter immédiatement un médecin.

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)

5.3. Conseils aux pompiers

Portez une combinaison d'intervention normale et une protection respiratoire complète afin d'éviter tout contact. Voir la rubrique 1 concernant numéro d'appel d'urgence.

RUBRIQUE 6: MESURES À PRENDRE EN CAS DE DÉVERSEMENT ACCIDENTEL

6.1. Précautions individuelles, équipement de protection et procédures d'urgence

Évitez le contact direct avec le produit répandu.

Assurer une ventilation adéquate, en particulier dans les espaces confinés.

Les zones contaminées peuvent être glissantes.

6.2. Précautions pour la protection de l'environnement

Ne déversez pas dans les lacs, les ruisseaux, les égouts, etc.

Tenir les personnes non autorisées éloignées du déversement.

6.3. Méthodes et matériel de confinement et de nettoyage

Contenez et collectez les déversements avec un matériau absorbant non combustible, par exemple du sable, de la terre, de la vermiculite ou de la terre de diatomées, et placez-les dans un récipient pour les éliminer conformément aux réglementations locales.

Nettoyez autant que possible avec des produits de nettoyage ordinaires. Évitez les solvants.

6.4. Référence à d'autres rubriques

Voir la rubrique 13 "Considérations relatives à l'élimination" sur la manipulation des déchets.

Voir la rubrique 8 "Contrôles de l'exposition/protection individuelle" pour les mesures de protection.

RUBRIQUE 7: MANUTENTION ET STOCKAGE.

7.1. Précautions à prendre pour une manipulation sans danger

Éviter le contact direct avec le produit.

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 récipients ayant été ouverts doivent être refermés avec soin et maintenus en position verticale afin d'éviter les fuites.

Les compatibilités en matière de conditionnement:

Conservé uniquement dans l'emballage d'origine.

Conditions de stockage:

Sec, frais et bien ventilé

Matières incompatibles:

Conserver uniquement dans l'emballage d'origine.

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 une liste canadienne des substances avec une limite d'exposition en milieu de travail.

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.

S'assurer que les postes de rinçage oculaire et les douches de décontamination sont facilement accessibles.

Suivez les précautions habituelles quand vous utilisez le produit. Évitez de respirer les vapeurs.

Mesures d'hygiène:

A chaque pause lors de l'utilisation du produit et une fois le travail terminé, les parties exposées du corps doivent être lavées. Porter une attention particulière aux mains, aux avant-bras et au visage.

Mesures pour la limitation de l'exposition à l'environnement:

Assurez-vous que des matériaux de retenue se trouvent à proximité du poste de travail. Collectez les déperditions si possible au cours du travail.

Mesures de protection individuelle, telles que les équipement de protection personnelle

Généralités:

Laver les vêtements contaminés avant réutilisation.

Utilisez uniquement des équipements de protection portant un marquage de certification reconnu, par exemple le marquage UL.

Équipements respiratoires:

Type	Classe	Couleur	Normes	
Aucune protection respiratoire n'est requise en cas de ventilation adaptée				

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	
Caoutchouc nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Protection des yeux:

Type	Normes	
Porter des lunettes de sécurité avec protections latérales.	EN166	

RUBRIQUE 9: PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

9.1. Informations sur les propriétés physiques et chimiques essentielles

Etat physique:

Liquide

Couleur:

Brun

Odeur:

Caractéristique

Seuil olfactif (ppm):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

pH:

ca. 1.6

Densité (g/cm³):

1,05 (20 °C)

Viscosité cinématique:

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Caractéristiques des particules:

Ne s'applique pas aux liquides.

Changement d'état

Point de fusion/point de congélation (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Le point/l'intervalle de ramollissement (°F):

Ne s'applique pas aux liquides.

Point d'ébullition (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Pression de vapeur:

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Densité de vapeur:

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Température de décomposition (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Informations concernant les risques d'explosion et d'incendie

Point d'éclair (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Inflammabilité (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Température d'auto-inflammation (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Limite d'explosivité (% v/v):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Solubilité

Solubilité dans l'eau:

Complètement soluble

n-octanol/coefficient d'eau (LogKow):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Solubilité dans la graisse (g/L):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

9.2. Autres informations

D'autres paramètres physiques et chimiques:

ND: 1.354

Capacités oxydantes:

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

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

Conserver uniquement dans l'emballage d'origine.

10.6. Produits de décomposition dangereux

La décomposition thermique peut produire des vapeurs corrosives.

RUBRIQUE 11: DONNÉES TOXICOLOGIQUES

11.1. Informations sur les effets toxicologiques

Toxicité aiguë

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai :	OCDE 401
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	> 5.000 mg/kg

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai :	OCDE 402
Espèce :	Lapin
Voie d'exposition :	Cutanée
Test :	DL50
Valeur :	> 2000 mg/L

Corrosion cutanée/irritation cutanée

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
-------------------	--

Valeur : Aucun effet nocif observé (Non irritant)

Provoque de graves brûlures de la peau et de graves lésions des yeux.

Lésions oculaires graves/irritation oculaire

Produit/composant : D-Glucopyranose, oligomères, decyloctyl glycoside
Valeur : Effets nocifs observés (Provoque de graves lésions des yeux)

Provoque de graves lésions des yeux.

Sensibilisation respiratoire

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

Effets néfastes sur les tissus : ce produit contient des substances ayant des propriétés corrosives sur la peau. L'inhalation de vapeurs ou d'aérosols peut produire des effets néfastes sur les poumons, irritations et brûlures dans les organes respiratoires ainsi que de la toux. Le contact cutané et le contact avec les yeux provoquent des effets irréversibles.

Autres informations

Aucune connue.

RUBRIQUE 12: DONNÉES ÉCOLOGIQUES

12.1. Toxicité

Produit/composant : D-Glucopyranose, oligomères, decyloctyl glycoside
Méthode d'essai : DIN EN ISO 7346-2
Espèce : Poisson, Brachydanio rerio
Test : CL50
Valeur : > 100 mg/L

Produit/composant : D-Glucopyranose, oligomères, decyloctyl glycoside
Méthode d'essai : OCDE 202
Espèce : Daphnia magna
Test : CE50
Valeur : > 100 mg/L

Produit/composant : D-Glucopyranose, oligomères, decyloctyl glycoside
Espèce : Scenedesmus subspicatus
Test : CE50
Valeur : > 10 - 100 mg/L

Produit/composant : D-Glucopyranose, oligomères, decyloctyl glycoside
Méthode d'essai : OCDE 209
Espèce : Pseudomonas putida
Test : ECO

Valeur : > 100 mg/l mg/L

Produit/composant : D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai : OCDE 204
Espèce : Poisson, Brachydanio rerio
Valeur : > 1 - 10 mg/L

Produit/composant : D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai : OCDE 202
Espèce : Daphnia magna
Test : CSEO
Valeur : > 1 - 10 mg/L

12.2. Persistance et dégradabilité

Produit/composant : D-Glucopyranose,oligomers,decyloctyl glycoside
Conclusion : Biodégradabilité facile

12.3. Potentiel de bioaccumulation

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

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 informatio ns :
TDG	UN3265	LIQUIDE ORGANIQUE CORROSIF, ACIDE, N.S.A.	Classe: 8 Étiquettes: 8 Code de classification: C3 	III	Non	Quantités limitées: 5 L Code de restriction en tunnels: (E) Voir ci-dessous pour plus d'informations.
IMDG	-	-	-	-	-	-

	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 informatio ns :
IATA	-	-	-	-	-	-

* Groupe d'emballage

** Dangers pour l'environnement

Autre

Le produit est concerné par les conventions sur les marchandises dangereuses.

TDG / Voir Annexe 1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport. Voir partie 3, pour les instructions écrites concernant l'atténuation des dommages en cas d'incidents ou d'accidents pendant le transport.

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:

i.23 descaler foam est répertorié

15.4. Limites d'utilisation

Réservé aux utilisateurs professionnels.

Les jeunes de moins de 18 ans ne doivent pas être exposés au produit.

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

H290, Peut être corrosif pour les métaux.

H314, Provoque de graves brûlures de la peau et de graves lésions des yeux.

H315, Provoque une irritation cutanée.

H318, Provoque de graves lésions des yeux.

H319, Provoque une sévère irritation des yeux.

H335, Peut irriter les voies respiratoires.

Précisions sur les utilisations identifiées dont il est question dans la rubrique 1

Aucune connue.

Abréviations et acronymes

ANSI = L'American National Standards Institute

CAS = Numéro du Chemical Abstract Service
COV = Composés Organiques Volatils
DORS = Décrets, Ordonnances et Règlements Statutaires
DPNCA = Dangers physiques non classifiés ailleurs
DSNCA = Dangers pour la santé non classifiés ailleurs
ETA = Estimation de la Toxicité Aiguë
FBC = Facteur de Bioconcentration
IARC = Le Centre international de Recherche sur le Cancer (CIRC)
IATA = Association Internationale du Transport Aérien
IMDG = Maritime international des marchandises dangereuses
LES = Liste extérieure des substances
LogK_{ow} = 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

La classification du mélange au regard des risques pour la santé est conforme aux méthodes de calcul fournies par le SIMDUT 2022.

La classification du mélange au regard de la corrosion cutanée et des lésions oculaires graves est basée sur les critères de pH fournis par le SIMDUT 2022.

Homologué par

Quality & Compliance

Autre

Les modifications par rapport à la dernière révision importante (premiers chiffres dans la fiche, voir rubrique 1) de cette fiche de données de sécurité sont repérées par un triangle.

Les informations de la présente fiche de données de sécurité sont seulement valables pour ce produit (indiqué à la rubrique 1) et ne sont pas nécessairement valables pour l'utilisation d'autres produits/produits chimiques.

Il est recommandé de donner cette fiche de données de sécurité à l'utilisateur effectif du produit. Les informations de ce document ne peuvent pas être utilisées comme spécification du produit.

Pays-langue : CA-fr

SICHERHEITSDATENBLATT

i.23 descaler foam

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

1.1. Produktidentifikator

Handelsname:

i.23 descaler foam

Eindeutiger Rezepturidentifikator (UFI):

E094-SY4R-6T7V-FTJ3

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:

12.02.2025

SDB Version:

1.0

1.4. Notrufnummer

Tox Info Suisse: 145 (24 Stunden täglich)
Aus dem Ausland: +41 44 251 51 51
Siehe auch Abschnitt 4 zu Erste-Hilfe-Maßnahmen

ABSCHNITT 2: MÖGLICHE GEFAHREN

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

2.1. Einstufung des Stoffs oder Gemischs

Skin Corr. 1; H314, Verursacht schwere Verätzungen der Haut und schwere Augenschäden.
Eye Dam. 1; H318, Verursacht schwere Augenschäden.

2.2. Kennzeichnungselemente

Gefahrenpiktogramme:



Signalwort:
Gefahr

Gefahrenhinweise:
Verursacht schwere Verätzungen der Haut und schwere Augenschäden. (H314)

Sicherheitshinweise:

Allgemeines:
-

Prävention:
Dampf/Nebel nicht einatmen. (P260)
Augenschutz/Schutzhandschuhe tragen. (P280)

Reaktion:
BEI BERÜHRUNG MIT DER HAUT (oder dem Haar): Alle kontaminierten Kleidungsstücke sofort ausziehen. Haut mit Wasser abwaschen oder duschen. (P303+P361+P353)
BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen. (P305+P351+P338)
Sofort GIFTINFORMATIONSZENTRUM/Arzt anrufen. (P310)

Lagerung:
-

Entsorgung:
Inhalt/Behälter gemäß lokalen Vorschriften zuführen. (P501)

Enthält:
D-Glucopyranose, oligomers, decyloctyl glycoside

Andere Kennzeichnungen:

UFI: E094-SY4R-6T7V-FTJ3

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:
5% - 15%
· Nichtionische tenside

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.
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS-Nr.: 68515-73-1 EG-Nr.: REACH: Indexnr.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS-Nr.: 506-89-8	1-3%	Skin Irrit. 2, H315	

	EG-Nr.: 208-059-6 REACH: Indexnr.:		Eye Irrit. 2, H319 STOT SE 3, H335	
Natriumhydroxid;Ätznatron	CAS-Nr.: 1310-73-2 EG-Nr.: 215-185-5 REACH: 01-2119457892-27-XXXX Indexnr.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

Vollständiger Text der H-Sätze - siehe Abschnitt 16. Die Grenzwerte für die Exposition am Arbeitsplatz sind, wenn verfügbar, in Abschnitt 8 wiedergegeben.

Weitere Angaben

[19] UVCB = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.

ABSCHNITT 4: ERSTE-HILFE-MAßNAHMEN

4.1. Beschreibung der Erste-Hilfe-Maßnahmen

Allgemeine Hinweise:

Bei Unfällen: Arzt oder Erste-Hilfe-Raum aufsuchen - das Etikett oder dieses Sicherheitsdatenblatt mitbringen.
Bei anhaltenden Symptomen oder Zweifel über den Zustand des Geschädigten ist ärztliche Hilfe aufzusuchen.
Einem Bewusstlosen nie Wasser o.Ä. verabreichen.

Nach Einatmen:

Bei Atembeschwerden oder Reizung der Atemwege: Betroffenen an die frische Luft bringen und beaufsichtigen.

Nach Hautkontakt:

Betroffenen Bereich über einen längeren Zeitraum spülen – mindestens 30 Minuten. Eventuell wird ein Ausspülen über mehrere Stunden erforderlich. Angenehme Wassertemperatur nutzen (20 bis 30 °C).
Giftinformationsstelle/Arzt/Krankenhaus für nähere Beratung zur Nachverfolgung und Behandlung kontaktieren.
Verunreinigte Kleidung und Schuhe entfernen. Haut, die mit dem Material in Kontakt gekommen ist, ist gründlich mit Wasser und Seife zu waschen. Es kann ein Hautreinigungsmittel verwendet werden. KEIN Lösungsmittel oder Verdünner verwenden.
Bei Hautreizung: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

Nach Augenkontakt:

Bei Kontakt mit den Augen: Augen sofort mit viel Wasser (20-30 °C) mindestens 30 Minuten lang spülen, bis die Reizung aufhört. Ggf. Kontaktlinsen herausnehmen. Unter dem oberen und unteren Lid spülen. Sofort Arzt aufsuchen. Während des Transports weiter spülen.

Nach Verschlucken:

Bei Einnahme: mit einem Arzt Kontakt. Dem Geschädigten Wasser zu trinken geben, wenn er bei Bewusstsein ist.
KEIN Erbrechen erzwingen, es sei denn, der Arzt empfiehlt es. Kopf nach unten halten, um zu vermeiden, dass Erbrochenes zurück in Mund und Hals läuft. Schock vermeiden und den Geschädigten warm und ruhig halten.
Wenn die Atmung aufhört, künstlich beatmen. Bei Bewusstlosigkeit den Geschädigten in die stabile Seitenlage bringen. Krankenwagen rufen.

Verbrennung:

Nicht zutreffend.

4.2. Wichtigste akute und verzögert auftretende Symptome und Wirkungen

Gewebezerstörende Wirkungen: Das Produkt enthält ätzende Stoffe. Wenn Dampf oder Sprühnebel eingeatmet wird, kann dies zu Lungenschäden führen und Reizung und Brennen der Atmungsorgane sowie Husten auslösen. Ätzende Stoffe verursachen unumkehrbare Schäden der Augen. Verätzt die Haut.

4.3. Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung

BEI Exposition oder falls betroffen:
Sofort ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

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)

5.3. Hinweise für die Brandbekämpfung

Normale Einsatzbekleidung und voller Atemschutz. Wenden Sie sich an die Tox Info Suisse: 145 (24 Stunden täglich), um weitere Ratschläge zu erhalten.

ABSCHNITT 6: MAßNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG

6.1. Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren

Direkten Kontakt mit dem ausgetretenen Stoff vermeiden.
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

Direkten Kontakt mit dem Produkt 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

Geöffnete Behälter sorgfältig verschließen und aufrecht lagern, um jegliches Auslaufen zu verhindern.

Geeigneten Verpackung:

Nur in Originalverpackung aufbewahren.

Lagerklasse:

Lagerklasse LK 8 (Ätzende und korrosive Verbindungen)

Lagerbedingungen:

Trocken, kühl und gut belüftet.

Unverträgliche Materialien:

Nur in Originalverpackung aufbewahren.

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

Das Produkt enthält keine Substanzen, die in die Schweizer Stoffliste mit geltendem Arbeitsplatzgrenzwert enthalten sind.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	357000 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	595000 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	124 mg/m ³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	420 mg/m ³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	35.7 mg/kg/Tag

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		654 µg/kg
Kläranlagen		560 mg/L
Prädatoren		111.11 mg/kg
Pulsierende Freisetzung (Süßwasser)		270 µg/L
Seewasser		17.6 µg/L
Seewassersedimente		152 µg/kg
Süßwasser		176 µg/L
Süßwassersedimente		1.516 mg/kg

8.2. Begrenzung und Überwachung der Exposition

Generelle Kontrolle zum Verhindern unnötiger Freisetzung anwenden.

Allgemeine Hinweise:

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

Expositionsszenarien:

Für dieses Produkt wurden keine Expositionsszenarien implementiert.

Expositionsgrenzwerte:

Für die Inhaltsstoffe des Produktes liegen keine Expositionsgrenzen vor.

Zusätzliche Hinweise zur Gestaltung technischer Anlagen:

Stellen Sie sicher, dass Augenspülstationen und Notduschen leicht erreichbar sind.

Es gelten die üblichen Vorkehrungsmaßnahmen bei der Verwendung des Produkts. Einatmen von Dämpfen vermeiden.

Hygienemaßnahmen:

Bei jeder Pause in der Produktnutzung und bei Ende der Arbeiten sind exponierte Körperteile zu waschen. Besonders auf Hände, Unterarme und Gesicht achten.

Begrenzung der Umweltexposition:

Bei Arbeiten mit dem Produkt dafür sorgen, dass Auffangmaterial in unmittelbarer Nähe zur Verfügung steht. Während der Arbeit möglichst Auffangbehälter verwenden.

Individuelle Schutzmaßnahmen

Allgemeine Schutzmaßnahmen:

- Kontaminierte Kleidung vor erneutem Tragen waschen.
- Nur Schutzausrüstung mit CE-Kennzeichnung verwenden.

Atemschutz:

Typ	Klasse	Farbe	Normen	
Atemschutz ist im Falle ausreichender Belüftung nicht notwendig.				

Körperschutz:

Empfohlen	Typ/Kategorien	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch.	-	-	

Handschutz:

Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
Nitrilkautschuk	0.4	> 480	EN374-2, EN374-3, EN388	

Augenschutz:

Typ	Normen	
Schutzbrille mit Seitenschutz tragen	EN166	

ABSCHNITT 9: PHYSIKALISCHE UND CHEMISCHE EIGENSCHAFTEN

9.1. Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften

Form:

Flüssig

Farbe:

Braun

Geruch / Geruchsschwelle (ppm):

Charakteristisch

pH:

ca. 1.6

Dichte (g/cm³):

1.05 (20 °C)

Kinematische Viskosität:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Partikeleigenschaften:

Gilt nicht für Flüssigkeiten.

Zustandsänderungen

Schmelzpunkt/Gefrierpunkt (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Erweichungspunkt/ -bereich (°C):

Gilt nicht für Flüssigkeiten.

Siedepunkt (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Dampfdruck:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Relative Dampfdichte:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Zersetzungstemperatur (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Explosions und Feuer Daten

Flammpunkt (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Entzündbarkeit (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Zündtemperatur (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Explosionsgrenzen (% v/v):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Löslichkeit

Löslichkeit in Wasser:

Vollständig löslich

n-Octanol/Wasser Verteilungskoeffizient (LogKow):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Löslichkeit in Fett (g/L):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

9.2. Sonstige Angaben

Weitere physikalische und chemische Parameter:

ND: 1.354

Brandfördernde Eigenschaften:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

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

Nur in Originalverpackung aufbewahren.

10.6. Gefährliche Zersetzungsprodukte

Bei thermischer Zersetzung können ätzende Dämpfe entstehen.

ABSCHNITT 11: TOXIKOLOGISCHE ANGABEN

11.1. Angaben zu den Gefahrenklassen im Sinne der Verordnung (EG) Nr. 1272/2008

Akute Toxizität

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode:	OECD 401
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	> 5.000 mg/kg

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode:	OECD 402
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	> 2000 mg/L

Ätz-/Reizwirkung auf die Haut

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Ergebnis:	Keine schädlichen Wirkungen beobachtet (Nicht reizend)

Verursacht schwere Verätzungen der Haut und schwere Augenschäden.

Schwere Augenschädigung/-reizung

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Ergebnis:	Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Verursacht schwere Augenschäden.

Sensibilisierung der Atemwege

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

Gewebezerstörende Wirkungen: Das Produkt enthält ätzende Stoffe. Wenn Dampf oder Sprühnebel eingeatmet wird, kann dies zu Lungenschäden führen und Reizung und Brennen der Atmungsorgane sowie Husten auslösen. Ätzende Stoffe verursachen unumkehrbare Schäden der Augen. Verätzt die Haut.

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

Keine bekannt.

ABSCHNITT 12: UMWELTBEZOGENE ANGABEN

12.1. Toxizität

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
 Prüfmethode: DIN EN ISO 7346-2
 Spezies: Fisch, Brachydanio rerio
 Test: LC50
 Ergebnis: > 100 mg/L

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
 Prüfmethode: OECD 202
 Spezies: Daphnia magna
 Test: EC50
 Ergebnis: > 100 mg/L

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
 Spezies: Scenedesmus subspicatus
 Test: EC50
 Ergebnis: > 10 - 100 mg/L

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
 Prüfmethode: OECD 209
 Spezies: Pseudomonas putida
 Test: EC0
 Ergebnis: > 100 mg/l mg/L

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
 Prüfmethode: OECD 204
 Spezies: Fisch, Brachydanio rerio
 Ergebnis: > 1 - 10 mg/L

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
 Prüfmethode: OECD 202
 Spezies: Daphnia magna
 Test: NOEC
 Ergebnis: > 1 - 10 mg/L

12.2. Persistenz und Abbaubarkeit

Produkt / Substanz D-Glucopyranose,oligomers,decyloctyl glycoside
 Ergebnis: Leichte biologische Abbaubarkeit

Das in dieser Zubereitung enthaltene Tensid erfüllt (Die in dieser Zubereitung enthaltenen Tenside erfüllen) die Bedingungen der biologischen Abbaubarkeit wie sie in der Verordnung (EG) Nr. 648/2004 über Detergenzien festgelegt sind. Unterlagen, die dies bestätigen, werden für die zuständigen Behörden der Mitgliedsstaaten bereit gehalten und nur diesen entweder auf ihre direkte oder auf Bitte eines Detergentienherstellers hin zur Verfügung gestellt.

12.3. Bioakkumulationspotenzial

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

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 sollte als gefährlicher Abfall behandelt werden. (*)

HP 8 - Ätzend

Inhalt/Behälter zugelassenem Entsorger oder kommunaler Sammelstelle zuführen.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

Abfallschlüsselnr. (EWC):

20 01 29* Reinigungsmittel, die gefährliche Stoffe enthalten

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	UN3265	ÄTZENDER SAURER ORGANISCHER FLÜSSIGER STOFF, N.A.G.	Transportgefahren-klassen: 8 Gefahrzettel: 8 Klassifizierungscode: C3 	III	Nein	Begrenzte Mengen: 5 L Tunnelbeschränkungsc ode: (E) Nähere Information en siehe unten.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Verpackungsgruppe

** Umweltgefahren

Anderes

Das Produkt fällt unter die Gefahrgutkonventionen.

ADR / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle A, Abschnitt 3.2.1. Schriftliche Anweisungen zur Schadensvermeidung bei transportbezogenen Un- oder Zwischenfällen siehe Abschnitt 5.4.3.

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:
Gesundheitsgefahren (H311, H312, H314, H332 oder H371), Mengenschwelle = 20.000 kg

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:
5% - 15%
· Nichtionische tenside

WGK-Einstufung:
Wassergefährdungsklasse: WGK 2

Anderes:
Das in dieser Zubereitung enthaltene Tensid erfüllt (Die in dieser Zubereitung enthaltenen Tenside erfüllen) die Bedingungen der biologischen Abbaubarkeit wie sie in der Verordnung (EG) Nr. 648/2004 über Detergenzien festgelegt sind. Unterlagen, die dies bestätigen, werden für die zuständigen Behörden der Mitgliedsstaaten bereit gehalten und nur diesen entweder auf ihre direkte oder auf Bitte eines Detergentienherstellers hin zur Verfügung gestellt.

Verwendete Quellen:
Gesetz zum Schutz der arbeitenden Jugend (Jugendarbeitsschutzgesetz – JArbSchG).
SR 814.81 Verordnung zur Reduktion von Risiken beim Umgang mit bestimmten besonders gefährlichen Stoffen, Zubereitungen und Gegenständen (Chemikalien-Risikoreduktions-Verordnung, ChemRRV) vom 18. Mai 2005 (Anhang 2.1)
SR 814.12 Verordnung über den Schutz vor Störfällen (Störfallverordnung, StFV) vom 27. Februar 1991 (Stand am 1. August 2019)
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)

H290, Kann gegenüber Metallen korrosiv sein.
H314, Verursacht schwere Verätzungen der Haut und schwere Augenschäden.
H315, Verursacht Hautreizungen.
H318, Verursacht schwere Augenschäden.
H319, Verursacht schwere Augenreizung.
H335, Kann die Atemwege reizen.

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 = Vereinte Nationen
UVBC = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.
VOC = Flüchtige organische Verbindungen
vPvB = Sehr persistent und sehr bioakkumulierbar
WGK = Wassergefährdungsklasse
Zeitlich gemittelter Grenzwert = Zeitgewichtete Durchschnitts

Anderes

Die Klassifizierung der Mischung hinsichtlich der Gesundheitsgefahren entspricht den von der Verordnung (EU) Nr. 1272/2008 (CLP) vorgegebenen Berechnungsmethoden.

Die Klassifizierung der Mischung hinsichtlich Hautverätzung und ernster Augenverletzungen basiert auf dem von der Verordnung (EU) Nr. 1272/2008 (CLP) angegebenen pH-Kriterium.

Sicherheitsdatenblatt abgenommen durch

Quality & Compliance

Anderes

Änderungen im Verhältnis zur letzten umfassenden Revision (erste Ziffer in der SDS-Version, s. Abschnitt 1) dieses Sicherheitsdatenblatts sind mit einem Dreieck markiert.

Angaben in diesem Sicherheitsdatenblatt gelten nur für das Produkt in Abschnitt 1 und gelten nicht unbedingt bei Einsatz zusammen mit anderen Produkten.

Es wird empfohlen, dem tatsächlichen Produktbenutzer dieses Sicherheitsdatenblatt auszuhändigen. Die erwähnten Angaben sind nicht als Produktspezifikation zu verwenden.

Land-sprache: CH-de

HOJAS DE DATOS DE SEGURIDAD

i.23 descaler foam

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

Nombre de la sustancia química peligrosa o mezcla

Nombre comercial:
i.23 descaler foam

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:
12-02-2025

Versión HDS:
1.0

Número de teléfono en caso de emergencia

CITUC Información Toxicológica
Emergencias químicas: Tel: +56 2 2 247 3600 (24h/365 días)
Consulte la sección 4 para obtener información sobre primeros auxilios.

SECCIÓN 2. IDENTIFICACIÓN DEL PELIGRO O LOS PELIGROS

Clasificado de acuerdo con Reglamento de clasificación, etiquetado y notificación de sustancias químicas y mezclas peligrosas.

Clasificación de la sustancia o de la mezcla

Skin Corr. 1; H314, Provoca quemaduras graves en la piel y lesiones oculares graves.
Eye Dam. 1; H318, Provoca lesiones oculares graves.

Elementos de la señalización

Pictogramas de precaución:



Palabra de advertencia:

Peligro

Indicaciones de peligro:

Provoca quemaduras graves en la piel y lesiones oculares graves. (H314)

Consejos de prudencia:

Generalidades:

-

Prevención:

No respirar los vapores/la niebla. (P260)

Llevar gafas/guantes de protección. (P280)

Intervención:

EN CASO DE CONTACTO CON LA PIEL (o el pelo): Quitar inmediatamente toda la ropa contaminada. Enjuagar la piel con agua o ducharse. (P303+P361+P353)

EN CASO DE CONTACTO CON LOS OJOS: Enjuagar con agua cuidadosamente durante varios minutos. Quitar las lentes de contacto cuando estén presentes y pueda hacerse con facilidad. Proseguir con el lavado. (P305+P351+P338)

Llamar inmediatamente a un CENTRO DE TOXICOLOGÍA/médico. (P310)

Almacenamiento:

-

Eliminación:

Eliminar el contenido/el recipiente De conformidad con la normativa local (P501)

Identificación de las sustancias principalmente responsables de los riesgos graves para la salud:

D-Glucopyranose, oligomers, decyloctyl glycoside

Etiquetado adicional:

No aplicable.

Otros peligros que no contribuyen en la clasificación

SECCIÓN 3. COMPOSICIÓN/INFORMACIÓN SOBRE LOS COMPONENTES

Sustancias

No aplicable. Este producto es una mezcla.

Mezclas

Producto / ingrediente	Identificadores	% w/w	Clasificación	Notas
D-Glucopyranose, oligomers, decyloctyl glycoside	N° CAS: 68515-73-1 N° CE:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	N° CAS: 506-89-8 N° CE: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
hidróxido de sodio	N° CAS: 1310-73-2 N° CE: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1, H314 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

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

[19] UVCB = significa sustancias de composición desconocida o variable, productos de reacción complejos y materiales biológicos.

SECCIÓN 4. PRIMEROS AUXILIOS

Descripción de los primeros auxilios

General:

En caso de accidente: Póngase en contacto con el médico o vaya a emergencias. Llévase la etiqueta o esta hoja de datos de seguridad.

Si los síntomas son permanentes o si tiene alguna duda sobre la situación del accidentado, consulte a un médico. Nunca dé agua ni nada parecido a una persona inconsciente.

Inhalación:

En caso de dificultades respiratorias o irritación del tracto respiratorio: Lleve a la persona a un lugar en el que pueda respirar aire fresco y no la deje sin supervisión.

Contacto con la piel:

Enjuague el área expuesta con agua durante mucho tiempo, al menos 30 minutos. Puede ser necesario enjuagar durante varias horas. Use una temperatura de agua cómoda (20-30 °C). Comuníquese con Información sobre intoxicaciones/médico/hospital para obtener más consejos sobre el seguimiento y el tratamiento.

Retire enseguida la ropa y calzado contaminado. Lave bien con agua y jabón la piel que haya estado en contacto con el material. Puede utilizar productos de higiene cutánea. NO utilice disolventes ni diluyentes.

En caso de irritación cutánea: Consultar a un médico.

Contacto con los ojos:

En caso de contacto con los ojos: Y enjuáguese los ojos con agua abundante (20-30 °C) hasta que la irritación desaparezca, y al menos durante 30 minutos. Quítense las lentes de contacto. Asegúrese de enjuagar bien los párpados. A continuación consulte a un médico. Busque asistencia médica inmediatamente y continúe enjuagando durante el transporte.

Ingestión:

En caso de ingestión avise inmediatamente a un médico. Dé agua al accidentado si recupera la consciencia. No intente provocar el vómito a no ser que el médico lo recomiende. Coloque la cabeza baja de modo que si vomita, no se trague el vómito. Para prevenir shocks mantenga al accidentado caliente y tranquilo. Si deja de respirar, hágale la respiración artificial. Si pierde la consciencia coloque al accidentado en posición lateral de seguridad. Llame a una ambulancia.

Quemadura:

No aplicable.

Síntomas y efectos más importantes, agudos y crónicos

Efectos sobre los tejidos: El producto contiene sustancias corrosivas. Si se inhalan vapores o aerosoles puede provocar daños a los pulmones e irritación y escozor en el sistema respiratorio, así como tos. La sustancia corrosiva provoca daños irreversibles en los ojos y daña la piel.

Indicación de la necesidad de recibir atención médica inmediata y, en su caso, tratamiento especial

EN CASO DE exposición manifiesta o presunta:

Consultar a un médico inmediatamente.

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)

Medidas especiales que deberán seguir los grupos de combate contra incendio

Indumentaria normal de extinción y protección respiratoria total. En caso de contacto directo con la sustancia química el jefe de equipo deberá ponerse en contacto con el CITUC, Teléfono: +56 2 2 247 3600 para recibir instrucciones.

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

Precauciones personales, equipos de protección y procedimientos de emergencia

Evite el contacto directo con el producto vertido.
Las áreas contaminadas pueden ser resbaladizas.

Precauciones relativas al medio ambiente

Evite los vertidos en lagos, ríos, alcantarillas y demás.
Mantenga a las personas no autorizadas alejadas del derrame.

Métodos y materiales para la contención y limpieza de derrames o fugas

Contenga y recoja los derrames con material absorbente no combustible, por ejemplo: arena, tierra, vermiculita o tierra de diatomeas y colocar en un recipiente para su eliminación de acuerdo con las normas locales.
Siempre que sea posible, efectúe la limpieza con detergentes. Evite utilizar disolventes.

Referencia a otras secciones

Consulte la sección 13 "Consideraciones relativas a la eliminación" sobre el manejo de desechos.
Consulte la sección 8 "Controles de exposición/protección individual" para conocer las disposiciones de seguridad.

SECCIÓN 7. MANIPULACIÓN Y ALMACENAMIENTO

Precauciones que se deben tomar para garantizar un manejo seguro

Evite el contacto directo con el producto.
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

Los envases abiertos deben cerrarse perfectamente con cuidado y mantenerse en posición vertical para evitar derrames.
Consulte el Reglamento de almacenamiento de sustancias peligrosas (Decreto 78) para obtener más orientación.

Compatibilidades de embalaje:

Conservar únicamente en el embalaje original.

Temperatura de almacenamiento:

Conservar en lugar fresco, seco y bien ventilado

Materiales incompatibles:

Conservar únicamente en el embalaje original.

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:

Asegúrese de que las estaciones de lavado de ojos y las duchas de seguridad estén ubicadas en un lugar de fácil acceso.

Tome precauciones estándar durante el uso de este producto. Evite la inhalación de vapores.

Disposiciones higiénicas:

En cada pausa del uso del producto y al finalizar el trabajo limpie las zonas del cuerpo expuestas. Preste especial atención a las manos, los antebrazos y la cara.

Disposiciones para limitar la exposición del entorno:

Asegúrese de disponer de medios de contención en las inmediaciones al trabajar con el producto. Si es posible, utilice bandejas de rebose durante el trabajo.

Medidas de protección individual, como equipo de protección personal, EPP

General:

Lavar las prendas contaminadas antes de volver a usarlas.

Solamente utilizar equipos de protección con la marca CE.

Protección de las vías respiratorias:

Tipo	Clase	Color	Normas	
No se necesita protección respiratoria en caso de ventilación adecuada.				

Protección de la piel:

Recomendado	Tipo/Categoría	Normas	
No se requiere ninguna en especial en condiciones normales de uso.	-	-	

Manos:

Material	Espesura mínima de capa (mm)	Tiempo de penetración (min.)	Normas	
Caucho de nitrilo	0.4	> 480	EN374-2, EN374-3, EN388	

Protección de los ojos y la cara:

Tipo	Normas	
Use gafas de seguridad con protección lateral.	EN166	

SECCIÓN 9. PROPIEDADES FÍSICAS Y QUÍMICAS

Información sobre propiedades físicas y químicas básicas

Estado físico:

Líquido

Color:

Marrón

Olor:

Característico

Umbral del olor (ppm):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Potencial de hidrógeno, pH:

ca. 1.6

Densidad (g/cm³):

1,05 (20 °C)

Viscosidad:

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Cambio de estado y vapores

Punto de fusión/punto de congelación (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

El punto o intervalo/reblandecimiento (°C):

No se aplica a los líquidos.

Punto inicial e intervalo de ebullición (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Presión de vapor:

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Densidad de vapor:

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Temperatura de descomposición (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Tasa de evaporación (acetato de n-butilo = 100):

Datos de riesgo de incendio y explosión

Inflamabilidad (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Inflamabilidad (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Temperatura de ignición espontánea (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Límite superior/inferior de inflamabilidad o explosividad (% v/v):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Solubilidad

Solubilidad en agua:

Completamente soluble

Coefficiente de partición n-octanol/agua:

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Solubilidad en grasa (g/L):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Otros datos relevantes

Otros parámetros físicos y químicos:

ND: 1.354

Propiedades oxidantes:

No hay datos relevantes o disponibles debido a la naturaleza del producto.

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

Conservar únicamente en el embalaje original.

Productos de descomposición peligrosos

La descomposición térmica puede producir vapores corrosivos.

SECCIÓN 11. INFORMACIÓN TOXICOLÓGICA

Información sobre los efectos toxicológicos

Toxicidad aguda

Producto / ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensayo:	OCDE 401
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	> 5.000 mg/kg

Producto / ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensayo:	OCDE 402
Especies:	Conejo
Vía de exposición:	Dérmico
Prueba:	DL50
Resultado:	> 2000 mg/L

Corrosión o irritación cutáneas

Producto / ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Resultado:	No se observan efectos adversos (No es irritante)

Provoca quemaduras graves en la piel y lesiones oculares graves.

Lesiones o irritación ocular graves

Producto / ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Resultado:	Se observan efectos adversos (Provoca lesiones oculares graves)

Provoca lesiones oculares graves.

Sensibilización respiratoria

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

Efectos sobre los tejidos: El producto contiene sustancias corrosivas. Si se inhalan vapores o aerosoles puede provocar daños a los pulmones e irritación y escozor en el sistema respiratorio, así como tos. La sustancia corrosiva provoca daños irreversibles en los ojos y daña la piel.

SECCIÓN 12. INFORMACIÓN ECOTOXICOLÓGICA

Toxicidad

Producto / ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensayo:	DIN EN ISO 7346-2
Especies:	Pez, Brachydanio rerio
Prueba:	CL50
Resultado:	> 100 mg/L

Producto / ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensayo:	OCDE 202
Especies:	Daphnia magna
Prueba:	CE50
Resultado:	> 100 mg/L

Producto / ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Especies:	Scenedesmus subspicatus
Prueba:	CE50
Resultado:	> 10 - 100 mg/L

Producto / ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensayo:	OCDE 209
Especies:	Pseudomonas putida
Prueba:	EC0
Resultado:	> 100 mg/l mg/L

Producto / ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensayo:	OCDE 204
Especies:	Pez, Brachydanio rerio
Resultado:	> 1 - 10 mg/L

Producto / ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Método de ensayo:	OCDE 202
Especies:	Daphnia magna
Prueba:	NOEC
Resultado:	> 1 - 10 mg/L

Persistencia y degradabilidad

Producto / ingrediente	D-Glucopyranose,oligomers,decyloctyl glycoside
Conclusión:	Fácil biodegradabilidad

Potencial de bioacumulación

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

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

Eliminar el contenido/el recipiente en un punto de recogida de residuos especiales.

El producto está bajo las Reglamento sanitario sobre manejo 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	UN3265	LÍQUIDO CORROSIVO, ÁCIDO, ORGÁNICO, N.E.P.	Clase: 8 Etiquetas: 8 Código de clasificación: C3 	III	No	Cantidades limitadas: 5 L Código de restricción en túneles: (E) Véase a continuación para obtener información adicional
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Grupo de embalaje

** Peligros para el medio ambiente

Otros

El producto está cubierto por las convenciones relativas a productos peligrosos.

NCh382 / Consultar la tabla A, sección 3.2.1, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte. Consultar la sección 5.4.3 para obtener instrucciones por escrito sobre la mitigación de daños en relación con incidentes o accidentes durante el transporte.

Hazchem Code: 2X

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.
El producto no puede ser utilizado profesionalmente por menores de 18 años.

Requisitos de formación específica:

No tiene requisitos específicos.

Otra información:

No aplicable.

Fuentes:

Decreto 148. Aprueba reglamento sanitario sobre manejo de residuos peligrosos ministerio de salud (Fecha Publicación: 16-jun-2004).
Decreto 78, Reglamento de almacenamiento de sustancias peligrosas (11-Sep-2010)
Reglamento sobre condiciones sanitarias y ambientales básicas en los lugares de trabajo. Decreto supremo n°594/99.
Código del Trabajo, Dirección del Trabajo, Octubre 2018 (Ley 18.620)
Reglamento sobre prevención de riesgos profesionales (Decreto Supremo N° 40 de 1969)
Reglamento de clasificación, etiquetado y notificación de sustancias químicas y mezclas peligrosas. Núm. 57, Santiago, 26 de noviembre de 2019.

Evaluación de la seguridad química

No

SECCIÓN 16. OTRAS INFORMACIONES

Redacción completa de las frases H descrita en la sección 3

H290, Puede ser corrosivo para los metales.
H314, Provoca quemaduras graves en la piel y lesiones oculares graves.
H315, Provoca irritación cutánea.
H318, Provoca lesiones oculares graves.
H319, Provoca irritación ocular grave.
H335, Puede irritar las vías respiratorias.

Redacción completa de los usos identificados mencionados de la sección 1

Ningunos conocidos.

Siglas o abreviaturas

CAS = Servicio de Resúmenes Químicos
COV = Compuestos Orgánicos Volátiles
DOF = Diario Oficial de la Federación
EINECS = Inventario Europeo de Sustancias Químicas Existentes Comercializadas
ETA = Estimación de Toxicidad Aguda
FBC = Factor de Bioconcentración
GHS = Sistema Globalmente Armonizado de Clasificación y Etiquetado de Productos Químicos (SGA)
IARC = Agência Internacional de Pesquisa em Câncer
IATA = Asociación de Transporte Aéreo Internacional
IBC = Contenedor intermedio para productos a granel
IMDG = Código Marítimo Internacional de Mercancías Peligrosas
Log Koc = coeficiente de adsorción del suelo
Log Kow = logaritmo del coeficiente de reparto octanol/agua
MARPOL = Convenio Internacional para Prevenir la Contaminación por los Buques, 1973 con el Protocolo de 1978.
("Marpol" = polución marina)
mPmB = Muy Persistente y Muy Bioacumulativa

NCh = Normas Chilenas
OCDE = Organización de Cooperación y Desarrollo Económico
ONU = Organización de las Naciones Unidas
PBT = Persistente, Bioacumulativo y Tóxico
RID = Reglamento de Transporte Internacional de Mercancías Peligrosas por Ferrocarril
SCL = Límite de concentración específico (LCE).
SGA = Sistema Globalmente Armonizado
STOT-RE = Toxicidad Específica en Determinados Órganos - Exposiciones Repetidas
STOT-SE = Toxicidad Específica en Determinados Órganos - Exposición Única
STPS = Secretario del Trabajo y Previsión Social
UVCB = Significa sustancias de composición desconocida o variable, productos de reacción complejos y materiales biológicos

Otra información

La clasificación de la mezcla en relación a los riesgos para la salud se conforme a los métodos de cálculo que se indican en el Reglamento de clasificación, etiquetado y notificación de sustancias químicas y mezclas peligrosas. La clasificación de la mezcla en relación a la corrosión de la piel y lesiones oculares graves se basa en el criterio de cálculo del pH indicado en el Reglamento de clasificación, etiquetado y notificación de sustancias químicas y mezclas peligrosas.

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

i.23 descaler foam

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

1.1. Product identifier

Trade name:

i.23 descaler foam

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:

12/02/2025

SDS Version:

1.0

1.4. Emergency telephone number

National Poison Control Center, Chinese Center for Disease Control and Prevention: +86-10-12320 (24 h emergency call)

SECTION 2: HAZARDS IDENTIFICATION

Classified according to the chemical classification standards: GB 30000.2-2013 to GB 30000.29-2013.

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)

Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

Not applicable.

2.3. Other hazards

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call Shang Hai center of toxic chemicals information & consultation (+86 400-6267-911) and give immediate treatment (first aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact National Poison Control Center, Chinese Center for Disease Control and Prevention: +86-10-12320 in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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 direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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:

Ensure that eyewash stations and safety showers are located within easy reach.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.
Use only CE marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Brown

Odour:

Characteristic

Odour threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

Explosion limits (% v/v):

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient:

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, *Brachydanio rerio*
 Test: LC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 202
 Species: *Daphnia magna*
 Test: EC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Species: *Scenedesmus subspicatus*
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 209
 Species: *Pseudomonas putida*
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, *Brachydanio rerio*
 Result: > 1 - 10 mg/L

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 202
 Species: *Daphnia magna*
 Test: NOEC
 Result: > 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

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

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

Dispose of contents/container to an approved waste disposal plant.

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

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.

People under the age of 18 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

Additional information:

Not applicable.

IECSC:

D-Glucopyranose, oligomers, decyloctyl glycoside is listed

Urea hydrochloride 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

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by the chemical classification standards: GB 30000.2-2013 to GB 30000.29-2013

The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by the chemical classification standards: GB 30000.2-2013 to GB 30000.29-2013

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

i.23 descaler foam

第一部分 物质/制剂及公司/企业标识

1.1. 化学品标识

产品名称：
i.23 descaler foam

1.2. 化学品的推荐用途和限制用途

已验明的用途：
清洁剂和清洁剂（包括溶剂型清洁剂）
仅用于工业用途。

不推荐用途：
未知。

1.3. 安全技术说明书供应商详情

公司详细信息：
Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

电子邮件：
info@hygeniq.com

发行日期：
2025/2/12

SDS 版本：
1.0

1.4. 应急电话号码

中国国内紧急联系电话: +86-10-12320 (二十四小时应急电话)

第2部分 危险性概述

基于化学品分类标准进行分类：GB 30000.2-2013~GB 30000.29-2013。

2.1. 危险性类别

Skin Corr. 1; H314, 造成严重皮肤灼伤和眼损伤
Eye Dam. 1; H318, 造成严重眼损伤

2.2. 标签要素

象形图:



信号词:

危险

危险性说明:

造成严重皮肤灼伤和眼损伤 (H314)

防范说明:

概要:

-

预防:

不要吸入粉尘/烟/气体/烟雾/蒸气/喷雾。(P260)

戴眼睛保护/防护手套。(P280)

反应:

如皮肤(或头发)沾染: 立即脱掉所有沾染的衣服。用水清洗皮肤/淋浴。(P303+P361+P353)

如进入眼睛: 用水小心冲洗几分钟。如戴隐形眼镜并可方便地取出, 取出隐形眼镜。继续冲洗。(P305+P351+P338)

立即呼叫解毒中心/医生/ 毒物中心/医生。(P310)

贮存:

-

废弃处置:

处置内装物/容器 当地法规 (P501)

危险成分:

D-Glucopyranose,oligomers,decyloctyl glycoside

附加标示:

不适用。

2.3. 其他危害

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
D-Glucopyranose,oligomers,decyloctyl glycoside	CAS 号: 68515-73-1 EC:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS 号: 506-89-8 EC: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxidecaustic soda	CAS 号: 1310-73-2 EC: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

UVCB = 成分未知或可变的物质, 复杂反应产物或生物材料

第4部分 急救措施

4.1. 急救措施说明

概要:

发生事故时：请联系医生或急诊室——带上标签或安全数据表。

如果对伤者的情况有疑问或症状持续存在，请就医。切勿给无意识的人喝水或其他饮料。

吸入:

发生呼吸困难或呼吸道刺激时：将患者转移到新鲜空气处，并进行陪伴。

皮肤接触:

用水长时间冲洗暴露部位 - 至少30分钟。必要时，可能需要冲洗数小时。使用舒适的水温（20-30 °C）。联系毒物资料中心/医生/医院，以获取后续治疗的进一步建议。

立即脱掉被污染的衣服和鞋子。确保用水和肥皂彻底清洗暴露的皮肤。可以使用皮肤清洁剂。切勿使用溶剂或稀释剂。

如发生皮肤刺激：求医/就诊。

眼睛接触:

如进入眼睛：用大量的水或盐水（20-30 °C）冲洗眼睛至少 30 分钟，并持续冲洗至刺激感消失。摘除隐形眼镜。确保上下眼睑冲洗干净。立即寻求医疗救助并继续冲洗。

摄入:

如果摄入，请立即联系医生并带上安全数据表或标签。若患者有意识，给他们水喝。除非医生建议，否则请勿进行催吐。头朝下，防止呕吐物流回口腔和喉咙。保证伤者保温、情绪平静，以防休克。若呼吸停止，请立即进行心肺复苏。如果患者无意识，应将其移至恢复体位。叫救护车。

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

组织损伤效应：本品含有皮肤腐蚀性物质。吸入的蒸汽或气溶胶可能对肺部产生不良影响，刺激和灼伤呼吸道，以及引起咳嗽。皮肤接触和眼睛接触会造成不可逆的影响。

4.3. 需要任何即时的医疗关注和特殊处理

如接触到或有疑虑：

立即求医/就诊。

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)。

5.3. 对消防员的建议

穿戴自给式呼吸器和防护服，防止接触。直接暴露后，拨打职业卫生与中毒控制: +86-10-12320，以获取更多建议。

第6部分 泄漏应急处理

6.1. 人员防护措施、防护装备和应急处置程序

避免直接接触溢出物。

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

避免直接接触本产品。

不得在工作室吸烟、储存烟草、食用和储存食品或液体。

参见第8部分的合适的个人防护装备信息。

7.2. 安全存储的条件，包括任何不相容性

打开的容器必须仔细重新密封并保持直立，以防泄漏。

推荐储存材料:

只能在原容器中存放。

储存温度:

干燥、凉爽通风良好

禁配物:

只能在原容器中存放。

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::

确保洗眼器和安全喷淋装置设在方便触及的地方。

在使用该产品的过程中采取标准的预防措施。避免吸入蒸汽。

卫生措施:

在不使用产品时及工作日结束时，应对身体所有暴露部位进行彻底清洗。特别注意手、前臂和脸部。

环境接触控制::

在工作场所附近放置围堵材料。如果可能，在工作期间收集溢出物。

个人防护措施

概要::

沾染的衣服清洗后方可重新使用。
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
在通风良好的情况下, 无需进行呼吸防护			

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
丁腈橡胶	0.4	> 480	EN374-2, EN374-3, EN388



眼睛/面部防护:

推荐	标准
带侧罩的安全眼镜	EN166



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:

棕色

气味:

独特气味

气味阈值 (ppm) :

由于产品的性质, 无相关或可用的数据。

pH值:

ca. 1.6

相对密度 (g/cm³):

1.05 (20 °C)

运动粘度:

由于产品的性质, 无相关或可用的数据。

颗粒特性:

不適用於 液體

物相变化

熔点/凝固点 (°C):

由于产品的性质, 无相关或可用的数据。

软化点/范围 (°C):

不適用於 液體

沸点/沸程 (°C):

由于产品的性质，无相关或可用的数据。

蒸气压:

由于产品的性质，无相关或可用的数据。

蒸气密度:

由于产品的性质，无相关或可用的数据。

分解温度 (°C):

由于产品的性质，无相关或可用的数据。

蒸发速率:

火灾和爆炸危险数据

闪点 (°C):

由于产品的性质，无相关或可用的数据。

着火温度 (°C):

由于产品的性质，无相关或可用的数据。

自燃温度 (°C):

由于产品的性质，无相关或可用的数据。

爆炸 (燃烧) 上限和下限:

由于产品的性质，无相关或可用的数据。

可溶性

水溶性:

完全溶解

n-辛醇/水分配系数 (*LogKow*):

由于产品的性质，无相关或可用的数据。

脂溶性 (克/升) :

由于产品的性质，无相关或可用的数据。

9.2. 其他信息

其它物理和化学参数:

ND: 1.354

氧化性:

由于产品的性质，无相关或可用的数据。

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，本产品在日常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

只能在原容器中存放。

10.6. 危险的分解产物

热分解可能产生腐蚀性蒸气。

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	D-Glucopyranose,oligomers,decyloctyl glycoside
测试方法:	OECD 401
种类:	大鼠
接触途径:	口服
测试:	LD50
结果:	> 5.000 mg/kg

产品/成份名称	D-Glucopyranose,oligomers,decyloctyl glycoside
测试方法:	OECD 402
种类:	兔子
接触途径:	经皮
测试:	LD50
结果:	> 2000 mg/L

刺激或腐蚀

产品/成份名称	D-Glucopyranose,oligomers,decyloctyl glycoside
结果:	无观察到的不良作用 (无刺激性)

造成严重皮肤灼伤和眼损伤

严重眼睛损伤/刺激

产品/成份名称	D-Glucopyranose,oligomers,decyloctyl glycoside
结果:	有观察到的不良作用 (造成严重眼损伤)

造成严重眼损伤

呼吸道致敏性

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

组织损伤效应: 本品含有皮肤腐蚀性物质。吸入的蒸汽或气溶胶可能对肺部产生不良影响, 刺激和灼伤呼吸道, 以及引起咳嗽。皮肤接触和眼睛接触会造成不可逆的影响。

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	D-Glucopyranose,oligomers,decyloctyl glycoside
测试方法:	DIN EN ISO 7346-2
种类:	鱼类, Brachydanio rerio

测试:	LC50
结果:	> 100 mg/L
产品/成份名称	D-Glucopyranose,oligomers,decyloctyl glycoside
测试方法:	OECD 202
种类:	Daphnia magna
测试:	EC50
结果:	> 100 mg/L
产品/成份名称	D-Glucopyranose,oligomers,decyloctyl glycoside
种类:	Scenedesmus subspicatus
测试:	EC50
结果:	> 10 - 100 mg/L
产品/成份名称	D-Glucopyranose,oligomers,decyloctyl glycoside
测试方法:	OECD 209
种类:	Pseudomonas putida
测试:	EC0
结果:	> 100 mg/l mg/L
产品/成份名称	D-Glucopyranose,oligomers,decyloctyl glycoside
测试方法:	OECD 204
种类:	鱼类, Brachydanio rerio
结果:	> 1 - 10 mg/L
产品/成份名称	D-Glucopyranose,oligomers,decyloctyl glycoside
测试方法:	OECD 202
种类:	Daphnia magna
测试:	NOEC
结果:	> 1 - 10 mg/L

12.2. 持久性和降解性

产品/成份名称	D-Glucopyranose,oligomers,decyloctyl glycoside
结论:	易于生物降解

12.3. 潜在的生物累积性

基于可用数据，其不满足分类标准。

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

处置内装物/容器 至获批准的废物处理厂

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	UN3265	腐蚀性液体☐酸性的☐有机的☐未另作规定的	类别: 8 标志: 8 分类 代码: C3 	III	否	有限 数量: 5 L 隧道限制代码: (E) 更多信息请参见下文。
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* 包装类别

** 环境危害

其他信息

本产品危险货物运输规定的范围内。

ADR / 参见表 A 第 3.2.1 小节, 了解与运输有关的特殊规定、要求或警告的信息。参见第 5.4.3 小节, 关于运输过程中发生事故或意外时减轻损失的书面指示。

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。

未满 18 岁的人员不得接触本产品。

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:

D-Glucopyranose, oligomers, decyloctyl glycoside 被列出

Urea hydrochloride 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

H290, 可能腐蚀金属
H314, 造成严重皮肤灼伤和眼损伤
H315, 造成皮肤刺激
H318, 造成严重眼损伤
H319, 造成严重眼刺激
H335, 可引起呼吸道刺激

已验明用途的全文见第 1 节
未知。

缩略语和首字母缩写

ACGIH = 美国政府工业卫生专家协会, 颁发有毒产品暴露标准的机构。
BCF = 生物富集系数
CAS = 化学提取物服务注册号码
CE = 符合欧洲标准
DNEL = 衍生无效应水平
ECx = 产生 x % 反应的浓度
EC50 = 引起 50 % 最大反应的物质有效浓度
GHS = 全球协调制度
IARC = 国际癌症研究机构
IATA = 国际航空协会, 颁发货物空运相关规定的组织。
IMDG = 国际海事组织规则, 货物海运规则。
ICAO = 国际民航组织。
Kow = 正辛醇/水分配系
LC50 = 半数致死浓度
LD50 = 急性经毒性 (半数致死剂量)
NOEC = 无观察效应浓度
OECD = 经济合作与发展组织
PBT = 持久性生物累积性有毒物质
PC-STEL = 短间接接触容许浓度
PC-TWA = 时间加权平均容许浓度
PNEC = 预计无效应浓度
REACH = 欧盟关于化学品注册、评估、授权和限制法规。
SCL = 具有特定浓度限制
SDS = 安全技术说明书
STEL = 短期暴露限制
PC-TWA = 时间加权平均数
UN Number = 联合国编号, 联合国危险货物运输专家委员会指定的四位数字码。
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

混合物对健康危害按照化学分类标准给出的计算方法进行分类: GB 30000.2-2013 至 GB 30000.29-2013
混合物腐蚀皮肤和严重伤害眼睛, 按照化学分类标准给出的 pH - 准则进行分类: GB 30000.2-2013 至 GB 30000.29-2013

安全数据表由以下人员验证

Quality & Compliance

其他

更改 (与最后一次基本更改 (SDS 版本中的第一个密码, 见第 1 节) 成比例) 用蓝色三角形标记。
本安全数据表中的信息仅适用于本特定产品 (第 1 节所述), 不一定适用于其他化学品/产品。
建议将此安全数据表移交给产品的实际用户。本安全数据表中的信息不能用作产品说明书。
国家-语言: CN-zh

BEZPEČNOSTNÍ LIST

i.23 descaler foam

ODDÍL 1: IDENTIFIKACE LÁTKY/SMĚSI A SPOLEČNOSTI/PODNIKU

1.1. Identifikátor výrobku

Obchodní název:

i.23 descaler foam

Jednoznačný identifikační kód vzorce (UFI):

E094-SY4R-6T7V-FTJ3

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:

12.02.2025

Verze BL:

1.0

1.4. Telefonní číslo pro naléhavé situace

Toxikologické informační středisko. Telefon: +420 224 919 293, +420 224 915 402 (www.tis-cz.cz)

Viz oddíl 4 "Pokyny pro první pomoc"

ODDÍL 2: IDENTIFIKACE NEBEZPEČNOSTI

Klasifikováno podle nařízení (ES) č. 1272/2008 (CLP).

2.1. Klasifikace látky nebo směsi

Skin Corr. 1; H314, Způsobuje těžké poleptání kůže a poškození očí.

Eye Dam. 1; H318, Způsobuje vážné poškození očí.

2.2. Prvky označení

Piktogram(y) rizik(a):



Signální slova:
Nebezpečí

Prohlášení rizik(a):
Způsobuje těžké poleptání kůže a poškození očí. (H314)

Bezpečnostní věta (věty):

Obecně:

-

Prevence:

Nevdechujte páry/mlha. (P260)
Používejte ochranné brýle/ochranné rukavice. (P280)

Reakce:

PŘI STYKU S KŮŽÍ (nebo s vlasy): Veškeré kontaminované části oděvu okamžitě svlékněte. Opláchněte kůži vodou nebo osprchujte. (P303+P361+P353)
PŘI ZASAŽENÍ OČÍ: Několik minut opatrně vyplachujte vodou. Vyjměte kontaktní čočky, jsou-li nasazeny a pokud je lze vyjmout snadno. Pokračujte ve vyplachování. (P305+P351+P338)
Okamžitě volejte TOXIKOLOGICKÉ INFORMAČNÍ STŘEDISKO/lékaře. (P310)

Skladování:

-

Likvidace:

Odstraňte obsah/obal podle místních předpisů (P501)

Identifikace látek primárně odpovědných za hlavní zdravotní rizika:

D-Glucopyranose,oligomers,decyloctyl glycoside

Další označení:

UFI: E094-SY4R-6T7V-FTJ3

Označení obsahu podle předpisu o detergentech 648/2004:

5% - 15%

· Neiontové povrchově aktivní látky

2.3. Další nebezpečnost

Další varování:

Tato směs/výrobek neobsahuje žádné látky považované za splňující kritéria klasifikace jakožto PBT či vPvB.
Tento produkt neobsahuje žádné látky, které jsou podle kritérií, stanovených nařízením Komise v přenesené pravomoci (EU) 2017/2100 nebo nařízením Komise (EU) 2023/707, považovány za endokrinní disruptory.

ODDÍL 3: SLOŽENÍ/INFORMACE O SLOŽKÁCH

3.1. Látky

Netýká se. Tento produkt je směs.

3.2. Směsi

Název složky	Identifikátory	% w/w	Klasifikace	Název složky
D-Glucopyranose,oligomers,decyloctyl glycoside	Č. CAS: 68515-73-1 Č. ES: REACH: Indexová č.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	Č. CAS: 506-89-8 Č. ES: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	

	REACH: Indexová č.:		STOT SE 3, H335	
hydroxid sodný;hydroxid sodný	Č. CAS: 1310-73-2 Č. ES: 215-185-5 REACH: 01-2119457892-27-XXXX Indexová č.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

Viz plný text H-vět v oddíl 16. Limity profesní expozice uvádí oddíl 8. Pokud jsou dostupné.

Další informace

[19] UVCB = Jsou látky s neznámým nebo proměnlivým složením, komplexní reakční produkty nebo biologické materiály.

ODDÍL 4: POKYNY PRO PRVNÍ POMOC

4.1. Popis první pomoci

Obecné informace:

V případě nehody: kontaktujte lékaře nebo úrazové oddělení - předejte SDS nebo štítek z obalu produktu. Pokud si nejste jisti stavem postiženého nebo pokud symptomy přetrvávají, kontaktujte lékaře. Nepodávejte vodu apod. osobě v bezvědomí.

Vdechnutí:

Při dýchacích obtížích nebo podráždění dýchacího traktu: Dopravte postiženého na čerstvý vzduch a zůstaňte s ním.

Zasažení pokožky:

Exponovanou oblast oplachujte po delší dobu vodou - alespoň 30 minut. Může být zapotřebí oplachovat i několik hodin. Použijte příjemně teplou vodu (20-30 °C). Potřebujete-li další rady ohledně sledování a léčby, obraťte se na informace o otravách/lékaře/nemocnici. Okamžitě sejměte potřísněný oděv a obuv. Zasaženou pokožku důkladně omyjte vodou a mýdlem. Lze použít čistící prostředek na pokožku. NEPOUŽÍVEJTE ředidla a rozpouštědla. Při podráždění kůže: Vyhledejte lékařskou pomoc/ošetření.

Zasažení očí:

Při zasažení očí: Oči nejméně 30 minut proplachujte vodou (20-30 °C) a pokračujte, dokud podráždění nezmizí. Vyjměte kontaktní čočky. Ujistěte se, že vyplachujete pod dolním i horním víčkem. Okamžitě volejte lékaře. Okamžitě vyhledejte pomoc lékaře a během transportu dále provádějte výplach.

Požítí:

V případě požití okamžitě volejte lékaře. Pokud je postižený při vědomí, poskytněte mu vodu. NEVYVOLÁVEJTE zvracení pokud to nedoporučí lékař. Držte hlavu dole, aby se zvratky nedostaly zpět do úst a hrdla. Předejděte šoku zajištěním klidu a tepla. Pokud postižený přestane dýchat, poskytněte umělé dýchání. Osobu v bezvědomí uložte do stabilizované polohy na boku. Přivolejte záchrannou službu.

Popálení:

Netýká se.

4.2. Nejdůležitější akutní a opožděné symptomy a účinky

Poškozování tkáně: tento produkt obsahuje látky, které jsou žíravé. V případě vdechnutí par nebo aerosolů hrozí poškození plic, podráždění a poleptání dýchacích cest a kašel. Žíravé látky způsobují nevratné poškození očí a poleptání pokožky.

4.3. Pokyn týkající se okamžité lékařské pomoci a zvláštního ošetření

PŘI expozici nebo podezření na ni:
Okamžitě vyhledejte lékařskou pomoc/ošetření.

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)

5.3. Pokyny pro hasiče

Zabraňte kontaktu, používejte dýchací přístroj s vlastním zdrojem vzduchu a ochranný oděv.

ODDÍL 6: OPATŘENÍ V PŘÍPADĚ NÁHODNÉHO ÚNIKU

6.1. Opatření na ochranu osob, ochranné prostředky a nouzové postupy

Vyhnete se přímému kontaktu s uniklou látkou.

Kontaminovaná místa mohou klouzat.

6.2. Opatření na ochranu životního prostředí

Zabraňte únikům do vodních ploch/toků, kanalizace atd.

Dbejte na to, aby k rozlité kapalině neměly přístup nepovolané osoby.

6.3. Metody a materiál pro omezení úniku a pro čištění

Uniklý materiál zachyťte a posbírejte pomocí nehořlavého absorpčního materiálu, například písku, zeminy, vermikulitu nebo křemeliny, a umístěte jej do nádoby k likvidaci, v souladu s místními předpisy.

K čištění využívejte v maximální míře běžné čisticí prostředky. Vyhnete 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

Vyhnete se přímému kontaktu s produktem.

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

Otevřené obaly je nutno dokonale uzavřít a skladovat nastojato, aby nedošlo k úniku.

Slučitelnosti obalů:

Uchovávejte pouze v původním balení.

Podmínky skladování:

Suché, chladné, dobře větrané

Neslučitelné materiály:

Uchovávejte pouze v původním balení.

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

Výrobek neobsahuje žádné látky v českém seznamu látek s mezními hodnotami expozice na pracovišti.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Délka:	Trasa podání:	DNEL:
Dlouhodobé - systémové účinky - obecná populace	Kožní	357000 mg/kg bw/day
Dlouhodobé - systémové účinky - Pracovník	Kožní	595000 mg/kg bw/day
Dlouhodobé - systémové účinky - obecná populace	Orální	35.7 mg/kg bw/day
Dlouhodobé - systémové účinky - obecná populace	Vdechnutí	124 mg/m ³
Dlouhodobé - systémové účinky - Pracovník	Vdechnutí	420 mg/m ³

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Trasa podání:	Doba expozice:	PNEC:
Čistírný odpadních vod		560 mg/L
Mořské sedimenty		152 µg/kg
Mořské vody		17.6 µg/L
Občasné vydání (sladkovodní)		270 µg/L
Potravinový řetězec		111.11 mg/kg
Půda		654 µg/kg
Sladké vody		176 µg/L
Sladkovodní sedimenty		1.516 mg/kg

8.2. Omezování expozice

Abyste zabránili zbytečné expozici, použijte běžnou kontrolu.

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:

Látky obsažené v tomto produktu nemají stanoveny limity maximální expozice.

Vhodná technická opatření:

Dbejte na to, aby byly v blízkosti umístěny stanice pro výplach očí a bezpečnostní sprchy.

Při používání produktu aplikujte standardní preventivní opatření. Dbejte na to, aby nedošlo k inhalaci výparů.

Hygienická opatření:

Při každé pauze v používání produktu a po skončení práce s produktem si omyjte všechny exponované části těla. Věnujte zvláštní pozornost rukám, předloktí a obličejí.

Opatření k zabránění ohrožení prostředí:

Poblíž pracoviště mějte připravené materiály k přehrazení. Úniky během práce pokud možno likvidujte.

Osobní ochranná opatření, například osobní ochranné pomůcky

Obecně:

Kontaminovaný oděv před opětovným použitím vyperte.

Používejte pouze ochranné pomůcky s označením CE.

Ochrana dýchacích cest:

Typ	Třída	Barva	Normy	
Ochrana dýchacích orgánů není nutná v případě dostatečného větrání				

Ochrana pokožky:

Doporučený	Typ/Kategorie	Normy	
Žádné zvláštní při běžném použití	-	-	

Ochrana rukou:

Materiál	Minimální tloušťka vrstvy (mm)	Doba průniku (min.)	Normy	
Nitrilová pryž	0.4	> 480	EN374-2, EN374-3, EN388	

Ochrana očí:

Typ	Normy	
Noste bezpečnostní brýle s bočními kryty.	EN166	

ODDÍL 9: FYZIKÁLNÍ A CHEMICKÉ VLASTNOSTI

9.1. Informace o základních fyzikálních a chemických vlastnostech

Skupenství:

Kapalina

Barva:

Hnědý

Zápach / Prahová hodnota zápachu (ppm):

Charakteristický

pH:

ca. 1.6

Hustota (g/cm³):

1,05 (20 °C)

Kinematická viskozita:

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

Charakteristiky částic:

Nevztahuje se na kapaliny.

Změny skupenství

Bod tání/bod tuhnutí (°C):

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

Bod/rozsah bodu měknutí (°C):

Nevztahuje se na kapaliny.

Bod varu (°C):

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

Tlak par:

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

Relativní hustota páry:

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

Teplota rozkladu (°C):

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

Informace o riziku požáru a výbuchu

Bod vznícení (°C):

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

Hořlavost (°C):

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

Teplota samovznícení (°C):

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

Limity expozice (% v/v):

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

Rozpustnost

Rozpustnost ve vodě:

Zcela rozpustné

Koeficient n-oktanol/voda (LogKow):

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

Rozpustnost v tuku (g/L):

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

9.2. Další informace

Další fyzikální a chemické parametry:

ND: 1.354

Oxidační vlastnosti:

Vzhledem k povaze výrobku nejsou k dispozici žádné relevantní údaje.

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

Uchovávejte pouze v původním balení.

10.6. Nebezpečné produkty rozkladu

Při tepelné dekompozici mohou vzniknout korozivní výpary.

ODDÍL 11: TOXIKOLOGICKÉ INFORMACE

11.1. Informace o třídách nebezpečnosti vymezených v nařízení (ES) č. 1272/2008

Akutní toxicita

Název složky	D-Glucopyranose, oligomers, decyloctyl glycoside
Zkušební metoda:	OECD 401
Druh:	Krysa
Trasa podání:	Orální
Test:	LD50
Výsledek:	> 5.000 mg/kg

Název složky	D-Glucopyranose, oligomers, decyloctyl glycoside
Zkušební metoda:	OECD 402
Druh:	Králík
Trasa podání:	Kožní
Test:	LD50

Výsledek: > 2000 mg/L

Žíravost/ dráždivost pro kůži

Název složky D-Glucopyranose, oligomers, decyloctyl glycoside
Výsledek: Nepozorovány žádné nepříznivé účinky (Nedráždivé)

Způsobuje těžké poleptání kůže a poškození očí.

Vážné poškození očí / podráždění očí

Název složky D-Glucopyranose, oligomers, decyloctyl glycoside
Výsledek: Pozorovány nepříznivé účinky (Způsobuje vážné poškození očí)

Způsobuje vážné poškození očí.

Senzibilizace dýchacích cest

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

Poškození tkáně: tento produkt obsahuje látky, které jsou žíravé. V případě vdechnutí par nebo aerosolů hrozí poškození plic, podráždění a poleptání dýchacích cest a kašel. Žíravé látky způsobují nevratné poškození očí a poleptání pokožky.

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

Není známo.

ODDÍL 12: EKOLOGICKÉ INFORMACE

12.1. Toxicita

Název složky D-Glucopyranose, oligomers, decyloctyl glycoside
Zkušební metoda: DIN EN ISO 7346-2
Druh: Ryba, Brachydanio rerio
Test: LC50
Výsledek: > 100 mg/L

Název složky D-Glucopyranose, oligomers, decyloctyl glycoside
Zkušební metoda: OECD 202
Druh: Daphnia magna
Test: EC50
Výsledek: > 100 mg/L

Název složky D-Glucopyranose, oligomers, decyloctyl glycoside

Druh: Scenedesmus subspicatus
Test: EC50
Výsledek: > 10 - 100 mg/L

Název složky: D-Glucopyranose, oligomers, decyloctyl glycoside
Zkušební metoda: OECD 209
Druh: Pseudomonas putida
Test: EC0
Výsledek: > 100 mg/l mg/L

Název složky: D-Glucopyranose, oligomers, decyloctyl glycoside
Zkušební metoda: OECD 204
Druh: Ryba, Brachydanio rerio
Výsledek: > 1 - 10 mg/L

Název složky: D-Glucopyranose, oligomers, decyloctyl glycoside
Zkušební metoda: OECD 202
Druh: Daphnia magna
Test: NOEC
Výsledek: > 1 - 10 mg/L

12.2. Perzistence a rozložitelnost

Název složky: D-Glucopyranose, oligomers, decyloctyl glycoside
Závěr: Snadná biologická rozložitelnost

Povrchově aktivní látka(y) obsažena(y) v tomto přípravku je (jsou) v souladu s kritérii biodegradability podle Směrnici (EÚ) No. 648/2004 o detergentech. Údaje potvrzující toto prohlášení jsou k dispozici kompetentním institucím členských států Unie na jejich přímou žádost, nebo na žádost výrobce detergentu.

12.3. Bioakumulační potenciál

Na základě dostupných údajů nejsou kritéria pro klasifikaci splněna.

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 podléhá předpisům o nebezpečném odpadu. (*)

HP 8 - Žíravé

Odstraňte obsah/obal k schválenému odpadišti.

Nařízení Komise (EU) č. 1357/2014 ze dne 18. prosince 2014 o odpadech.

Kód EWC:

20 01 29* Detergenty obsahující nebezpečné látky

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	UN3265	LÁTKA ŽÍRAVÁ, KAPALNÁ, KYSELÁ, ORGANICKÁ, J.N.	Třída: 8 Bezpečnostní značky: 8 Klasifikační kód: C3 	III	Ne	Omezené množství: 5 L Kód omezení pro tunely: (E) Další informace viz níže.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Obalová skupina

** Nebezpečnost pro životní prostředí

Další informace

Tento produkt podléhá dohodám o nebezpečném zboží.

ADR / Viz Tabulka A, oddíl 3.2.1, kde naleznete veškeré informace týkající se zvláštních ustanovení, požadavků nebo výstrah, spojených s přepravou. Viz oddíl 5.4.3, kde naleznete písemné pokyny týkající se zmírnění škod v souvislosti s mimořádnými událostmi nebo nehodami během přepravy.

14.6. Zvláštní bezpečnostní opatření pro uživatele

Netýká se.

14.7. Námořní hromadná přeprava podle nástrojů IMO

Data nejsou k dispozici.

ODDÍL 15: INFORMACE O PŘEDPÍSECH

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

Omezení aplikace:

Pouze pro profesionální uživatele.

Osoby do 18 let věku nesmí být vystaveny působení tohoto produktu.

Požadavek specifického vzdělání:

Žádné zvláštní požadavky.

SEVESO - Kategorie nebezpečnosti / Nebezpečné látky jmenovitě uvedené:

Netýká se.

Označení obsahu podle předpisu o detergentech 648/2004:

5% - 15%

· Neiontové povrchově aktivní látky

Další informace:

Povrchově aktivní látka(y) obsažena(y) v tomto přípravku je (jsou) v souladu s kritérii biodegradability podle Směrnice (EÚ) No. 648/2004 o detergentech. Údaje potvrzující toto prohlášení jsou k dispozici kompetentním institucím členských států Unie na jejich přímou žádost, nebo na žádost výrobce detergentu.

Zdroje:

Pracovní parvo vyhláška o zakázaných pracích a pracovištích č. 180/2015 Sb.

Nařízení Evropského parlamentu a Rady (ES) č. 648/2004 ze dne 31. března 2004 o detergentech.

Nařízení Komise (EU) č. 1357/2014 ze dne 18. prosince 2014 o odpadech.

Nařízení Evropského parlamentu a Rady (ES) č. 1272/2008 ze dne 16. prosince 2008 o klasifikaci, označování a balení látek a směsí (CLP).

Nařízení Evropského parlamentu a Rady (ES) č. 1907/2006 ze dne 18. prosince 2006 o registraci, hodnocení, povolování a omezování chemických látek (REACH).

15.2. Posouzení chemické bezpečnosti

Ne

ODDÍL 16: DALŠÍ INFORMACE

Plný text H-vět dle oddílu 3

H290, Může být korozivní pro kovy.
H314, Způsobuje těžké poleptání kůže a poškození očí.
H315, Dráždí kůži.
H318, Způsobuje vážné poškození očí.
H319, Způsobuje vážné podráždění očí.
H335, Může způsobit podráždění dýchacích cest.

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

Klasifikace směsi s ohledem na rizika pro zdraví jsou v souvislosti s výpočtovými metodami nařízení (EC) č. 1272/2008 (CLP).
Klasifikace směsi s ohledem na korozi pokožky a závažné poškození zdraku se zakládá na pH-teriorech daných v nařízení (EC) č. 1272/2008 (CLP).

BL ověřil

Quality & Compliance

Ostatní

Změna oproti poslední velké revizi (první číslice verze SDS) je označena trojúhelníkem.

Informace v tomto SDS se týkají pouze tohoto konkrétního produktu (zmíněnému v oddíl 1) a nemusí být přesné, pokud jde o jiné chemikálie/produkty.

Doporučujeme předat tento SDS skutečnému uživateli produktu. Informace v tomto SDS neslouží jako specifikace produktu.

Země-jazyk: CZ-cs

SICHERHEITSDATENBLATT

i.23 descaler foam

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

1.1. Produktidentifikator

Handelsname:

i.23 descaler foam

Eindeutiger Rezepturidentifikator (UFI):

E094-SY4R-6T7V-FTJ3

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:

12.02.2025

SDB Version:

1.0

1.4. Notrufnummer

Notfall: Rufen Sie 112 an, fordern Sie die Informationen zur Giftnotrufzentrale an. 24 Stunden am Tag geöffnet.
Giftnotrufzentrale Berlin, Notfallrufnummer: +49 30 19240 (Tag und Nacht)
Siehe auch Abschnitt 4 zu Erste-Hilfe-Maßnahmen

ABSCHNITT 2: MÖGLICHE GEFAHREN

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

2.1. Einstufung des Stoffs oder Gemischs

Skin Corr. 1; H314, Verursacht schwere Verätzungen der Haut und schwere Augenschäden.
Eye Dam. 1; H318, Verursacht schwere Augenschäden.

2.2. Kennzeichnungselemente

Gefahrenpiktogramme:



Signalwort:
Gefahr

Gefahrenhinweise:
Verursacht schwere Verätzungen der Haut und schwere Augenschäden. (H314)

Sicherheitshinweise:

Allgemeines:
-

Prävention:
Dampf/Nebel nicht einatmen. (P260)
Augenschutz/Schutzhandschuhe tragen. (P280)

Reaktion:
BEI BERÜHRUNG MIT DER HAUT (oder dem Haar): Alle kontaminierten Kleidungsstücke sofort ausziehen. Haut mit Wasser abwaschen oder duschen. (P303+P361+P353)
BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen. (P305+P351+P338)
Sofort GIFTINFORMATIONSZENTRUM/Arzt anrufen. (P310)

Lagerung:
-

Entsorgung:
Inhalt/Behälter gemäß lokalen Vorschriften zuführen. (P501)

Enthält:
D-Glucopyranose,oligomers,decyloctyl glycoside

Andere Kennzeichnungen:

UFI: E094-SY4R-6T7V-FTJ3

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:
5% - 15%
· Nichtionische tenside

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.
D-Glucopyranose,oligomers,decyloctyl glycoside	CAS-Nr.: 68515-73-1 EG-Nr.: REACH: Indexnr.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS-Nr.: 506-89-8	1-3%	Skin Irrit. 2, H315	

	EG-Nr.: 208-059-6 REACH: Indexnr.:		Eye Irrit. 2, H319 STOT SE 3, H335	
Natriumhydroxid;Ätznatron	CAS-Nr.: 1310-73-2 EG-Nr.: 215-185-5 REACH: 01-2119457892-27-XXXX Indexnr.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

Vollständiger Text der H-Sätze - siehe Abschnitt 16. Die Grenzwerte für die Exposition am Arbeitsplatz sind, wenn verfügbar, in Abschnitt 8 wiedergegeben.

Weitere Angaben

[19] UVCB = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.

ABSCHNITT 4: ERSTE-HILFE-MAßNAHMEN

4.1. Beschreibung der Erste-Hilfe-Maßnahmen

Allgemeine Hinweise:

Bei Unfällen: Arzt oder Erste-Hilfe-Raum aufsuchen - das Etikett oder dieses Sicherheitsdatenblatt mitbringen.
Bei anhaltenden Symptomen oder Zweifel über den Zustand des Geschädigten ist ärztliche Hilfe aufzusuchen.
Einem Bewusstlosen nie Wasser o.Ä. verabreichen.

Nach Einatmen:

Bei Atembeschwerden oder Reizung der Atemwege: Betroffenen an die frische Luft bringen und beaufsichtigen.

Nach Hautkontakt:

Betroffenen Bereich über einen längeren Zeitraum spülen – mindestens 30 Minuten. Eventuell wird ein Ausspülen über mehrere Stunden erforderlich. Angenehme Wassertemperatur nutzen (20 bis 30 °C).
Giftinformationsstelle/Arzt/Krankenhaus für nähere Beratung zur Nachverfolgung und Behandlung kontaktieren.
Verunreinigte Kleidung und Schuhe entfernen. Haut, die mit dem Material in Kontakt gekommen ist, ist gründlich mit Wasser und Seife zu waschen. Es kann ein Hautreinigungsmittel verwendet werden. KEIN Lösungsmittel oder Verdünner verwenden.
Bei Hautreizung: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

Nach Augenkontakt:

Bei Kontakt mit den Augen: Augen sofort mit viel Wasser (20-30 °C) mindestens 30 Minuten lang spülen, bis die Reizung aufhört. Ggf. Kontaktlinsen herausnehmen. Unter dem oberen und unteren Lid spülen. Sofort Arzt aufsuchen. Während des Transports weiter spülen.

Nach Verschlucken:

Bei Einnahme: mit einem Arzt Kontakt. Dem Geschädigten Wasser zu trinken geben, wenn er bei Bewusstsein ist. KEIN Erbrechen erzwingen, es sei denn, der Arzt empfiehlt es. Kopf nach unten halten, um zu vermeiden, dass Erbrochenes zurück in Mund und Hals läuft. Schock vermeiden und den Geschädigten warm und ruhig halten. Wenn die Atmung aufhört, künstlich beatmen. Bei Bewusstlosigkeit den Geschädigten in die stabile Seitenlage bringen. Krankenwagen rufen.

Verbrennung:

Nicht zutreffend.

4.2. Wichtigste akute und verzögert auftretende Symptome und Wirkungen

Gewebezerstörende Wirkungen: Das Produkt enthält ätzende Stoffe. Wenn Dampf oder Sprühnebel eingeatmet wird, kann dies zu Lungenschäden führen und Reizung und Brennen der Atmungsorgane sowie Husten auslösen. Ätzende Stoffe verursachen unumkehrbare Schäden der Augen. Verätzt die Haut.

4.3. Hinweise auf ärztliche Soforthilfe oder Spezialbehandlung

BEI Exposition oder falls betroffen:
Sofort ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen.

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)

5.3. Hinweise für die Brandbekämpfung

Normale Einsatzbekleidung und voller Atemschutz.

ABSCHNITT 6: MAßNAHMEN BEI UNBEABSICHTIGTER FREISETZUNG

6.1. Personenbezogene Vorsichtsmaßnahmen, Schutzausrüstungen und in Notfällen anzuwendende Verfahren

Direkten Kontakt mit dem ausgetretenen Stoff vermeiden.
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

Direkten Kontakt mit dem Produkt 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

Geöffnete Behälter sorgfältig verschließen und aufrecht lagern, um jegliches Auslaufen zu verhindern.
Zusammenlagerung ist erlaubt für Produkte der Lagerklassen: 2A, 2B, 3, 4.1B, 5.1B, 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, 4.2, 4.3, 5.1C.
Separatlagerung ist erforderlich für Produkte aller übrigen Lagerklassen.

Geeigneten Verpackung:

Nur in Originalverpackung aufbewahren.

Lagerklasse:

Lagerklasse 8 B (Nichtbrennbare ätzende Stoffe).

TRGS 510 - Lagerung von Gefahrstoffen in ortsbeweglichen Behältern.

Lagerbedingungen:

Trocken, kühl und gut belüftet.

Unverträgliche Materialien:

Nur in Originalverpackung aufbewahren.

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

Das Produkt enthält keine Substanzen, die in der deutschen Stoffliste mit geltendem Arbeitsplatzgrenzwert enthalten sind.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Prüfdauer:	Expositionswege:	DNEL:
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Dermal	357000 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Arbeiter	Dermal	595000 mg/kg/Tag
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Inhalation	124 mg/m ³
Langfristig – Systemische Auswirkungen - Arbeiter	Inhalation	420 mg/m ³
Langfristig – Systemische Auswirkungen - Allgemeine Bevölkerung	Oral	35.7 mg/kg/Tag

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Expositionswege:	Dauer der Aussetzung:	PNEC:
Erde		654 µg/kg
Kläranlagen		560 mg/L
Prädatoren		111.11 mg/kg
Pulsierende Freisetzung (Süßwasser)		270 µg/L
Seewasser		17.6 µg/L
Seewassersedimente		152 µg/kg
Süßwasser		176 µg/L
Süßwassersedimente		1.516 mg/kg

8.2. Begrenzung und Überwachung der Exposition

Generelle Kontrolle zum Verhindern unnötiger Freisetzung anwenden.

Allgemeine Hinweise:

Rauchen, Verzehr von Lebensmitteln und Getränken sind im Arbeitsbereich nicht zulässig.

Expositionsszenarien:

Für dieses Produkt wurden keine Expositionsszenarien implementiert.

Expositionsgrenzwerte:

Für die Inhaltsstoffe des Produktes liegen keine Expositionsgrenzen vor.

Zusätzliche Hinweise zur Gestaltung technischer Anlagen:

Stellen Sie sicher, dass Augenspülstationen und Notduschen leicht erreichbar sind.

Es gelten die üblichen Vorkehrungsmaßnahmen bei der Verwendung des Produkts. Einatmen von Dämpfen vermeiden.

Hygienemaßnahmen:

Bei jeder Pause in der Produktnutzung und bei Ende der Arbeiten sind exponierte Körperteile zu waschen.

Besonders auf Hände, Unterarme und Gesicht achten.

Begrenzung der Umweltposition:

Bei Arbeiten mit dem Produkt dafür sorgen, dass Auffangmaterial in unmittelbarer Nähe zur Verfügung steht.
Während der Arbeit möglichst Auffangbehälter verwenden.

Individuelle Schutzmaßnahmen

Allgemeine Schutzmaßnahmen:

Kontaminierte Kleidung vor erneutem Tragen waschen.
Nur Schutzausrüstung mit CE-Kennzeichnung verwenden.

Atemschutz:

Typ	Klasse	Farbe	Normen	
Atemschutz ist im Falle ausreichender Belüftung nicht notwendig.				

Körperschutz:

Empfohlen	Typ/Kategorien	Normen	
Keine Besonderheiten bei normal vorgesehenem Gebrauch.	-	-	

Handschutz:

Material	Minimale Schichtdicke (mm)	Durchbruchzeit (min.)	Normen	
Nitrilkautschuk	0.4	> 480	EN374-2, EN374-3, EN388	

Augenschutz:

Typ	Normen	
Schutzbrille mit Seitenschutz tragen	EN166	

ABSCHNITT 9: PHYSIKALISCHE UND CHEMISCHE EIGENSCHAFTEN

9.1. Angaben zu den grundlegenden physikalischen und chemischen Eigenschaften

Form:

Flüssig

Farbe:

Braun

Geruch / Geruchsschwelle (ppm):

Charakteristisch

pH:

ca. 1.6

Dichte (g/cm³):

1,05 (20 °C)

Kinematische Viskosität:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Partikeleigenschaften:

Gilt nicht für Flüssigkeiten.

Zustandsänderungen

Schmelzpunkt/Gefrierpunkt (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Erweichungspunkt/ -bereich (°C):

Gilt nicht für Flüssigkeiten.

Siedepunkt (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Dampfdruck:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Relative Dampfdichte:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Zersetzungstemperatur (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Explosions und Feuer Daten

Flammpunkt (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Entzündbarkeit (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Zündtemperatur (°C):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Explosionsgrenzen (% v/v):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Löslichkeit

Löslichkeit in Wasser:

Vollständig löslich

n-Octanol/Wasser Verteilungskoeffizient (LogKow):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

Löslichkeit in Fett (g/L):

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

9.2. Sonstige Angaben

Weitere physikalische und chemische Parameter:

ND: 1.354

Brandfördernde Eigenschaften:

Tests nicht relevant oder möglich, aufgrund der Art des Produktes.

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

Nur in Originalverpackung aufbewahren.

10.6. Gefährliche Zersetzungsprodukte

Bei thermischer Zersetzung können ätzende Dämpfe entstehen.

ABSCHNITT 11: TOXIKOLOGISCHE ANGABEN

11.1. Angaben zu den Gefahrenklassen im Sinne der Verordnung (EG) Nr. 1272/2008

Akute Toxizität

Produkt / Substanz	D-Glucopyranose, oligomers, decyloctyl glycoside
Prüfmethode:	OECD 401
Spezies:	Ratte
Expositionswegen:	Oral
Test:	LD50
Ergebnis:	> 5.000 mg/kg

Produkt / Substanz	D-Glucopyranose, oligomers, decyloctyl glycoside
Prüfmethode:	OECD 402
Spezies:	Kaninchen
Expositionswegen:	Dermal
Test:	LD50
Ergebnis:	> 2000 mg/L

Ätz-/Reizwirkung auf die Haut

Produkt / Substanz	D-Glucopyranose, oligomers, decyloctyl glycoside
Ergebnis:	Keine schädlichen Wirkungen beobachtet (Nicht reizend)

Verursacht schwere Verätzungen der Haut und schwere Augenschäden.

Schwere Augenschädigung/-reizung

Produkt / Substanz	D-Glucopyranose, oligomers, decyloctyl glycoside
Ergebnis:	Schädliche Wirkungen beobachtet (Verursacht schwere Augenschäden)

Verursacht schwere Augenschäden.

Sensibilisierung der Atemwege

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

Gewebezerstörende Wirkungen: Das Produkt enthält ätzende Stoffe. Wenn Dampf oder Sprühnebel eingeatmet wird, kann dies zu Lungenschäden führen und Reizung und Brennen der Atmungsorgane sowie Husten auslösen. Ätzende Stoffe verursachen unumkehrbare Schäden der Augen. Verätzt die Haut.

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

Keine bekannt.

ABSCHNITT 12: UMWELTBEZOGENE ANGABEN

12.1. Toxizität

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode:	DIN EN ISO 7346-2
Spezies:	Fisch, Brachydanio rerio
Test:	LC50
Ergebnis:	> 100 mg/L

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode:	OECD 202
Spezies:	Daphnia magna
Test:	EC50
Ergebnis:	> 100 mg/L

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Spezies:	Scenedesmus subspicatus
Test:	EC50
Ergebnis:	> 10 - 100 mg/L

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode:	OECD 209
Spezies:	Pseudomonas putida
Test:	EC0
Ergebnis:	> 100 mg/l mg/L

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode:	OECD 204
Spezies:	Fisch, Brachydanio rerio
Ergebnis:	> 1 - 10 mg/L

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Prüfmethode:	OECD 202
Spezies:	Daphnia magna
Test:	NOEC
Ergebnis:	> 1 - 10 mg/L

12.2. Persistenz und Abbaubarkeit

Produkt / Substanz	D-Glucopyranose,oligomers,decyloctyl glycoside
Ergebnis:	Leichte biologische Abbaubarkeit

Das in dieser Zubereitung enthaltene Tensid erfüllt (Die in dieser Zubereitung enthaltenen Tenside erfüllen) die Bedingungen der biologischen Abbaubarkeit wie sie in der Verordnung (EG) Nr. 648/2004 über Detergenzien festgelegt sind. Unterlagen, die dies bestätigen, werden für die zuständigen Behörden der Mitgliedsstaaten bereit gehalten und nur diesen entweder auf ihre direkte oder auf Bitte eines Detergentienherstellers hin zur Verfügung gestellt.

12.3. Bioakkumulationspotenzial

Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt.

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 sollte als gefährlicher Abfall behandelt werden. (*)

HP 8 - Ätzend

Inhalt/Behälter zugelassenem Entsorger oder kommunaler Sammelstelle zuführen.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

Abfallschlüsselnr. (EWC):

20 01 29* Reinigungsmittel, die gefährliche Stoffe enthalten

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	UN3265	ÄTZENDER SAURER ORGANISCHER FLÜSSIGER STOFF, N.A.G.	Transportgefahren-klassen: 8 Gefahrzettel: 8 Klassifizierungscode: C3 	III	Nein	Begrenzte Mengen: 5 L Tunnelbeschränkungsc ode: (E) Nähere Information en siehe unten.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Verpackungsgruppe

** Umweltgefahren

Anderes

Das Produkt fällt unter die Gefahrgutkonventionen.

ADR / Information zu besonderen Vorkehrungen, Bedingungen oder Warnungen in Bezug auf den Transport siehe Tabelle A, Abschnitt 3.2.1. Schriftliche Anweisungen zur Schadensvermeidung bei transportbezogenen Un- oder Zwischenfällen siehe Abschnitt 5.4.3.

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.

Das Produkt darf erwerbsmäßig nicht von jungen Menschen unter 18 Jahren eingesetzt werden.

Bedarf für spezielle Schulung:

Keine besonderen Anforderungen.

Der Störfallverordnung - Gefahrenkategorien / Namentlich aufgeführte gefährliche Stoffe:

Nicht zutreffend.

Kennzeichnung der Inhaltsstoffe gemäß Verordnung über Detergenzien 648/2004:

5% - 15%

· Nichtionische tenside

WGK-Einstufung:

Wassergefährdungsklasse: WGK 2

Anderes:

Das in dieser Zubereitung enthaltene Tensid erfüllt (Die in dieser Zubereitung enthaltenen Tenside erfüllen) die Bedingungen der biologischen Abbaubarkeit wie sie in der Verordnung (EG) Nr. 648/2004 über Detergenzien festgelegt sind. Unterlagen, die dies bestätigen, werden für die zuständigen Behörden der Mitgliedsstaaten bereit gehalten und nur diesen entweder auf ihre direkte oder auf Bitte eines Detergenzienherstellers hin zur Verfügung gestellt.

Verwendete Quellen:

Gesetz zum Schutz der arbeitenden Jugend (Jugendarbeitsschutzgesetz – JArbSchG).

VERORDNUNG (EG) Nr. 648/2004 des Europäischen Parlaments und des Rates vom 31. März 2004 über Detergenzien.

VERORDNUNG (EU) Nr. 1357/2014 der Kommission vom 18. Dezember 2014 über Abfälle.

Verordnung über Anlagen zum Umgang mit wassergefährdenden Stoffen (AwSV).

VERORDNUNG (EG) Nr. 1272/2008 des Europäischen Parlaments und des Rates vom 16. Dezember 2008 über die Einstufung, Kennzeichnung und Verpackung von Stoffen und Gemischen (CLP).

Verordnung (EG) Nr. 1907/2006 des Europäischen Parlaments und des Rates vom 18. Dezember 2006 zur Registrierung, Bewertung, Zulassung und Beschränkung chemischer Stoffe (REACH).

15.2. Stoffsicherheitsbeurteilung

Nein

ABSCHNITT 16: SONSTIGE ANGABEN

H-Sätze (Abschnitt 3)

H290, Kann gegenüber Metallen korrosiv sein.

H314, Verursacht schwere Verätzungen der Haut und schwere Augenschäden.

H315, Verursacht Hautreizungen.

H318, Verursacht schwere Augenschäden.

H319, Verursacht schwere Augenreizung.

H335, Kann die Atemwege reizen.

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
UVBC = Stoffe mit unbekannter oder variabler Zusammensetzung, komplexe Reaktionsprodukte und biologische Materialien.
VOC = Flüchtige organische Verbindungen
vPvB = Sehr persistent und sehr bioakkumulierbar
WGK = Wassergefährdungsklasse
Zeitlich gemittelter Grenzwert = Zeitgewichtete Durchschnitts

Anderes

Die Klassifizierung der Mischung hinsichtlich der Gesundheitsgefahren entspricht den von der Verordnung (EU) Nr. 1272/2008 (CLP) vorgegebenen Berechnungsmethoden.
Die Klassifizierung der Mischung hinsichtlich Hautverätzung und ernster Augenverletzungen basiert auf dem von der Verordnung (EU) Nr. 1272/2008 (CLP) angegebenen pH-Kriterium.

Sicherheitsdatenblatt abgenommen durch

Quality & Compliance

Anderes

Änderungen im Verhältnis zur letzten umfassenden Revision (erste Ziffer in der SDS-Version, s. Abschnitt 1) dieses Sicherheitsdatenblatts sind mit einem Dreieck markiert.
Angaben in diesem Sicherheitsdatenblatt gelten nur für das Produkt in Abschnitt 1 und gelten nicht unbedingt bei Einsatz zusammen mit anderen Produkten.
Es wird empfohlen, dem tatsächlichen Produktbenutzer dieses Sicherheitsdatenblatt auszuhändigen. Die erwähnten Angaben sind nicht als Produktspezifikation zu verwenden.
Land-sprache: DE-de

SIKKERHEDSDATABLAD

i.23 descaler foam

PUNKT 1: IDENTIFIKATION AF STOFFET/BLANDINGEN OG AF SELSKABET/VIRKSOMHEDEN

1.1. Produktidentifikator

Handelsnavn:

i.23 descaler foam

Unik formelidentifikator (UFI):

E094-SY4R-6T7V-FTJ3

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:

12.02.2025

SDS Version:

1.0

1.4. Nødtelefon

Kontakt Giftlinjen på telefon +45 82 12 12 12 (åbent 24 timer i døgnet).

Se punkt 4 om førstehjælpsforanstaltninger.

PUNKT 2: FAREIDENTIFIKATION

Klassificeret i henhold til Europa-Parlamentets og Rådets forordning (EF) nr. 1272/2008 (CLP).

2.1. Klassificering af stoffet eller blandingen

Skin Corr. 1; H314, Forårsager svære ætsninger af huden og øjenskader.

Eye Dam. 1; H318, Forårsager alvorlig øjenskade.

2.2. Mærkningselementer

Farepiktogram:



Signalord:

Fare

Faresætninger:

Forårsager svære ætsninger af huden og øjenskader. (H314)

Sikkerhedssætning(er):

Generelt:

-

Forebyggelse:

Indånd ikke damp/tåge. (P260)

Bær øjenbeskyttelse/beskyttelseshandsker. (P280)

Reaktion:

VED KONTAKT MED HUDEN (eller håret): Tilsmudset tøj tages straks af/fjernes. Skyl eller brus huden med vand. (P303+P361+P353)

VED KONTAKT MED ØJNENE: Skyl forsigtigt med vand i flere minutter. Fjern eventuelle kontaktlinser, hvis dette kan gøres let. Fortsæt skylning. (P305+P351+P338)

Ring omgående til GIFTLINJEN/læge. (P310)

Opbevaring:

-

Bortskaffelse:

Indholdet/holderen bortskaffes i overensstemmelse med lokale regler. (P501)

Oplysningspligtige indholdsstoffer:

D-Glucopyranose, oligomers, decyloctyl glycoside

Anden mærkning:

UFI: E094-SY4R-6T7V-FTJ3

Indholdsmærkning jævnfør detergent-forordning (EF) nr. 648/2004:

5% - 15%

· Nonioniske overfladeaktive stoffer

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.
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS nr: 68515-73-1 EF nr.: REACH: Indeksnr.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Urea hydrochloride	CAS nr.: 506-89-8 EF nr.: 208-059-6 REACH: Indeksnr.:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
natriumhydroxid	CAS nr.: 1310-73-2 EF nr.: 215-185-5 REACH: 01-2119457892-27-XXXX Indeksnr.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)

Den fulde ordlyd af H-sætningerne findes i punkt 16. Arbejdshygiejniske grænseværdier er nævnt i punkt 8, såfremt de er tilgængelige.

Andre oplysninger

[19] UVCB = Ukendt eller variabel sammensætning, komplekse reaktionsprodukter eller biologiske materialer.

PUNKT 4: FØRSTEHJÆLPSFORANSTALTNINGER

4.1. Beskrivelse af førstehjælpsforanstaltninger

Generelt:

Ved uheld: Kontakt læge eller skadestue - medbring etiketten eller dette sikkerhedsdatablad. Lægen kan rette henvendelse til Arbejds- og miljømedicinsk klinik, Bispebjerg Hospital, tlf. 38 63 61 72.

Ved vedvarende symptomer eller ved tvivl om den tilskadekomnes tilstand skal der søges lægehjælp. Giv aldrig en bevidstløs person vand eller lignende.

Indånding:

Ved åndedrætsbesvær eller anden irritation af luftvejene: Bring personen ud i frisk luft og hold personen under opsyn.

Hudkontakt:

Det er vigtigt at skylle længe - mindst 30 minutter. Det kan være nødvendigt at skylle i flere timer. Brug en behagelig vandtemperatur (20-30 °C). Kontakt Giftinformation/læge/hospital for yderligere rådgivning om opfølgning og behandling.

Forurenede tøj og sko fjernes. Hud, der har været i kontakt med materialet vaskes grundigt med vand og sæbe. Hudrensning kan anvendes. Brug IKKE opløsningsmidler eller fortyndere.

Ved hudirritation: Søg lægehjælp.

Øjenkontakt:

Ved kontakt med øjnene: Skyl straks øjnene med rigelige mængder vand eller saltvand (20-30 °C) indtil irritationen ophører og mindst i 30 minutter. Fjern evt. kontaktlinser. Sørg for at skylle under øvre og nedre øjenlåg. Søg straks lægehjælp og fortsæt skylningen under transporten derhen.

Indtagelse:

Ved indtagelse, kontakt omgående læge. Giv den tilskadekomne vand at drikke hvis vedkommende er ved bevidsthed. Forsøg IKKE at fremkalde opkastning medmindre lægen anbefaler det. Sænk hovedet, således at opkast ikke vil løbe tilbage i munden og halsen. Forebyg chok ved at holde den tilskadekomne varm og i ro. Giv kunstigt åndedræt hvis åndedrættet ophører. Ved bevidstløshed; anbring den tilskadekomne i aflåst sideleje. Tilkald ambulance.

Forbrænding:

Ikke relevant.

4.2. Vigtigste symptomer og virkninger, både akutte og forsinkede

Vævsødelæggende virkninger: Produktet indeholder stoffer som er ætsende. Hvis damp eller aerosoler indåndes kan det give skader på lunger og forårsage irritation og svie i åndedrætsorganerne samt hoste. Ætsende stoffer forårsager irreversible skader på øjne. Ætser huden.

4.3. Angivelse af om øjeblikkelig lægehjælp og særlig behandling er nødvendig

VED eksponering eller mistanke om eksponering:
Søg omgående lægehjælp.

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)

5.3. Anvisninger for brandmandskab

Brug fuld åndedrætsbeskyttelse og beskyttelsesbeklædning for at forhindre kontakt. Ved direkte kontakt med kemikaliet kan indsatsleder kontakte kemikalieberedskabsvagten på telefon 72 85 20 00 (døgnvagt), med henblik på yderligere rådgivning.

PUNKT 6: FORHOLDSREGLER OVER FOR UDSLIP VED UHELD

6.1. Personlige sikkerhedsforanstaltninger, personlige værnemidler og nødprocedurer

Undgå direkte kontakt med spildt stof.
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 direkte kontakt med produktet.

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

Åbnet emballage skal lukkes omhyggeligt og opbevares oprejst for at forebygge lækage.

Anbefalet opbevaringsmateriale:

Opbevares kun i originalemballagen.

Opbevaringsbetingelser:

Tørt, køligt og velventileret

Materialer, der skal undgås:

Opbevares kun i originalemballagen.

7.3. Særlige anvendelser

Produktet bør kun bruges til anvendelser beskrevet i punkt 1.2.

PUNKT 8: EKSPONERINGSKONTROL/PERSONLIGE VÆRNEMIDLER

8.1. Kontrolparametre

Ingen indgående stoffer er listet på den danske grænseværdiliste.

DNEL

D-Glucopyranose, oligomers, decyloctyl glycoside

Varighed:	Eksponeringsvej:	DNEL:
På lang sigt – systemiske virkninger - arbejdere	Dermal	595000 mg/kg bw/dag
På lang sigt – systemiske virkninger - forbruger	Dermal	357000 mg/kg bw/dag
På lang sigt – systemiske virkninger - arbejdere	Indånding	420 mg/m ³
På lang sigt – systemiske virkninger - forbruger	Indånding	124 mg/m ³
På lang sigt – systemiske virkninger - forbruger	Oral	35.7 mg/kg bw/dag

PNEC

D-Glucopyranose, oligomers, decyloctyl glycoside

Eksponeringsvej:	Varighed af eksponering:	PNEC:
Ferskvand		176 µg/L
Ferskvandssediment		1.516 mg/kg
Havvand		17.6 µg/L
Havvandssediment		152 µg/kg
Jord		654 µg/kg
Periodisk udslip (ferskvand)		270 µg/L
Rovdyr		111.11 mg/kg
Spildevandsbehandlingsanlæg		560 mg/L

8.2. Eksponeringskontrol

Anvend generel kontrol for at forhindre unødigt eksponering.

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:

Der forefindes ikke eksponeringsgrænser for indholdsstoffer i produktet.

Tekniske tiltag:

Sørg for, at øjenskyllestation og sikkerhedsbruser er placeret inden for rækkevidde.

Udvis almindelig forsigtighed ved brug af produktet. Undgå indånding af dampe.

Hygiejniske foranstaltninger:

Ved hver pause i brug af produktet og ved arbejdets ophør skal eksponerede områder af kroppen afvaskes. Vær særlig opmærksom på hænder, underarme og ansigt.

Foranstaltninger til begrænsning af eksponering af miljøet:

Sørg for, at der ved arbejde med produktet forefindes opdæmningsmateriale i umiddelbar nærhed. Brug om mulig spildbakker under arbejdet.

Individuelle beskyttelsesforanstaltninger

Generelt:

Tilsmudset tøj skal vaskes, før det kan anvendes igen.
Anvend kun CE-mærket værneudstyr.

Luftvejene:

Type	Klasse	Farve	Standarder	
Ved tilstrækkelig ventilation er åndedrætsværn ikke nødvendigt.				

Hud og krop:

Type	Type/Kategori	Standarder	
Ingen særlige ved normal tilsigtet brug.	-	-	

Hænder:

Materiale	Handsketykkelse (mm)	Gennembrudstid (min.)	Standarder	
Nitrilgummi	0,4	> 480	EN374-2, EN374-3, EN388	

Øjne:

Type	Standarder	
Beskyttelsesbriller med sideskjold	EN166	

PUNKT 9: FYSISKE OG KEMISKE EGENSKABER

9.1. Oplysninger om grundlæggende fysiske og kemiske egenskaber

Fysisk form:

Flydende

Farve:

Brun

Lugt / Lugttærskel (ppm):

Karakteristisk

pH:

ca. 1,6

Massefylde (g/cm³):

1,05 (20 °C)

Kinematisk viskositet:

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

Partikelegenskaber:

Finder ikke anvendelse på væsker.

Tilstandsændring og dampe

Smeltepunkt/frysepunkt (°C):

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

Blødgøringspunkt/-interval (°C):

Finder ikke anvendelse på væsker.

Kogepunkt (°C):

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

Damptryk:

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

Relativ dampmassefylde:

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

Nedbrydningsstemperatur (°C):

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

Data for brand- og eksplosionsfare

Flammepunkt (°C):

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

Antændelighed (°C):

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

Selvantændelsestemperatur (°C):

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

Øvre og nedre eksplosionsgrænse (% v/v):

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

Opløselighed

Opløselighed i vand:

Fuldt opløseligt

n-octanol/vand koefficient (LogKow):

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

Opløselighed i fedt (g/L):

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

9.2. Andre oplysninger

Andre fysiske og kemiske parametre:

ND: 1.354

Oxiderende egenskaber:

Ingen relevante eller tilgængelige data på grund af produktets egenskaber.

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

Opbevares kun i originalemballagen.

10.6. Farlige nedbrydningsprodukter

Termisk nedbrydning kan producere ætsende dampe.

PUNKT 11: TOKSIKOLOGISKE OPLYSNINGER

11.1. Oplysninger om fareklasser som defineret i forordning (EF) nr. 1272/2008

Akut toksicitet

Produkt/Substans	D-Glucopyranose, oligomers, decyloctyl glycoside
Forsøgsmetode:	OECD 401

Art:	Rotte
Eksponeringsvej:	Oral
Test:	LD50
Resultat:	> 5.000 mg/kg

Produkt/Substans	D-Glucopyranose, oligomers, decyloctyl glycoside
Forsøgsmetode:	OECD 402
Art:	Kanin
Eksponeringsvej:	Dermal
Test:	LD50
Resultat:	> 2000 mg/L

Hudætsning/-irritation

Produkt/Substans	D-Glucopyranose, oligomers, decyloctyl glycoside
Resultat:	Ingen skadelige virkninger observeret (Ikke irriterende)

Forårsager svære ætsninger af huden og øjenskader.

Alvorlig øjenskade/øjenirritation

Produkt/Substans	D-Glucopyranose, oligomers, decyloctyl glycoside
Resultat:	Skadelige virkninger observeret (Forårsager alvorlig øjenskade)

Forårsager alvorlig øjenskade.

Respiratorisk sensibilisering

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

Vævsødelæggende virkninger: Produktet indeholder stoffer som er ætsende. Hvis damp eller aerosoler indåndes kan det give skader på lunger og forårsage irritation og svie i åndedrætsorganerne samt hoste. Ætsende stoffer forårsager irreversible skader på øjne. Ætser huden.

Hormonforstyrrende egenskaber

Blandingen/produktet indeholder ingen stoffer, som er vurderet til at have hormonforstyrrende egenskaber i forhold til sundhed.

Andre oplysninger

Ingen kendte.

PUNKT 12: MILJØOPLYSNINGER

12.1. Toksicitet

Produkt/Substans	D-Glucopyranose, oligomers, decyloctyl glycoside
Forsøgsmetode:	DIN EN ISO 7346-2

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Art:	Fisk, Brachydanio rerio
Test:	LC50
Resultat:	> 100 mg/L

Produkt/Substans	D-Glucopyranose, oligomers, decyloctyl glycoside
Forsøgsmetode:	OECD 202
Art:	Daphnia magna
Test:	EC50
Resultat:	> 100 mg/L

Produkt/Substans	D-Glucopyranose, oligomers, decyloctyl glycoside
Art:	Scenedesmus subspicatus
Test:	EC50
Resultat:	> 10 - 100 mg/L

Produkt/Substans	D-Glucopyranose, oligomers, decyloctyl glycoside
Forsøgsmetode:	OECD 209
Art:	Pseudomonas putida
Test:	EC0
Resultat:	> 100 mg/l mg/L

Produkt/Substans	D-Glucopyranose, oligomers, decyloctyl glycoside
Forsøgsmetode:	OECD 204
Art:	Fisk, Brachydanio rerio
Resultat:	> 1 - 10 mg/L

Produkt/Substans	D-Glucopyranose, oligomers, decyloctyl glycoside
Forsøgsmetode:	OECD 202
Art:	Daphnia magna
Test:	NOEC
Resultat:	> 1 - 10 mg/L

12.2. Persistens og nedbrydelighed

Produkt/Substans	D-Glucopyranose, oligomers, decyloctyl glycoside
Konklusion:	Let bionedbrydeligt

Præparatets tensid(er) opfylder kriterierne for biologisk nedbrydelighed i henhold til Regulering (EF) nr. 648/2004 om vaske- og rengøringsmidler. Data til bekræftelse af dette er til disposition for medlemsstaternes kompetente myndigheder og vil kunne stilles til rådighed på direkte forespørgsel herfra eller på forespørgsel fra fabrikanter af vaske- og rengøringsmidler.

12.3. Bioakkumuleringspotentiale

På grundlag af de foreliggende data anses kriterierne for klassificering ikke for at være opfyldt.

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

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Produktet er omfattet af reglerne om farligt affald. (*)
HP 8 - Ætsende
Indhold/beholder bortskaffes i henhold til lokale affaldsregulativer.
Kommissionens Forordning (EU) nr. 1357/2014 af 18. december 2014 om affald.

EAK-kode:
20 01 29* Detergenter indeholdende farlige stoffer

Affaldsgruppe:
Gr. Z Affald, som ikke kan placeres i øvrige grupper

Særlig mærkning

Ikke relevant.

Forurenet emballage

Emballager, med restindhold af produktet, bortskaffes efter samme betingelser som produktet.

PUNKT 14: TRANSPORTOPLYSNINGER

	14.1 UN	14.2 UN-forsendelsesbetegnelse	14.3 Transportfareklasse(r)	14.4 PG*	14.5. Env**	Andre oplysninger:
ADR	UN3265	ÆTSENDE SUR ORGANISK VÆSKE, N.O.S.	Transportfareklasse: 8 Faresedler: 8 Klassifikationskode: C3 	III	Nej	Begrænsede mængder: 5 L Tunnelrestriktionskode: (E) Se i øvrigt yderligere information nedenfor.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Emballagegruppe

** Miljøfarer

Anden information

Produktet er omfattet af konventionerne om farligt gods.
ADR / Se Tabel A, sektion 3.2.1 for eventuelle oplysninger om særlige forhold, krav og advarsler i forbindelse med transport. Se Skriftlige Anvisninger, sektion 5.4.3, med henblik på minimering af skader i forbindelse med uheld eller ulykker under transport.

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.

I overensstemmelse med Forordning (EF) nr. 1907/2006 (REACH), bilag II, med senere tilpasning i henhold til Forordning (EU) nr. 2020/878

Produktet må ikke anvendes erhvervsmæssigt af unge under 18 år. Se Arbejdstilsynets bekendtgørelse nr. 1049 af 30. maj 2021 om unges arbejde for evt. undtagelser.

Krav om særlig uddannelse:

Ingen særlige krav.

SEVESO - Farekategorier / Navngivne farlige stoffer:

Ikke relevant.

Indholdsmærkning jævnfør detergentforordning (EF) nr. 648/2004:

5% - 15%

· Nonioniske overfladeaktive stoffer

Andet:

Præparatets tensid(er) opfylder kriterierne for biologisk nedbrydelighed i henhold til Regulering (EF) nr. 648/2004 om vaske- og rengøringsmidler. Data til bekræftelse af dette er til disposition for medlemsstaternes kompetente myndigheder og vil kunne stilles til rådighed på direkte forespørgsel herfra eller på forespørgsel fra fabrikanter af vaske- og rengøringsmidler.

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.

Europa-Parlamentets og Rådets forordning nr. 648/2004 af 31. marts 2004 om vaske- og rengøringsmidler.

Kommissionens Forordning (EU) nr. 1357/2014 af 18. december 2014 om affald.

Europa-Parlamentets og Rådets forordning (EF) nr. 1272/2008 af 16. december 2008 om klassificering, mærkning og emballering af stoffer og blandinger (CLP).

Europa-Parlamentets og Rådets forordning (EF) nr. 1907/2006 af 18. december 2006 om registrering, vurdering og godkendelse af samt begrænsninger for kemikalier (REACH).

15.2. Kemikaliesikkerhedsvurdering

Nej

PUNKT 16: ANDRE OPLYSNINGER

Den fulde ordlyd af H-sætninger omtalt i punkt 3

H290, Kan ætse metaller.

H314, Forårsager svære ætsninger af huden og øjenskader.

H315, Forårsager hudirritation.

H318, Forårsager alvorlig øjenskade.

H319, Forårsager alvorlig øjenirritation.

H335, Kan forårsage irritation af luftvejene.

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 = Eksponerings-scenarie

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 Eksposering
STOT-SE = Specifik Målorganstoksicitet — Enkelt Eksposering
SVHC = Substances of Very High Concern
TWA = Tidsvægtet gennemsnit
VOC = Flygtige Organiske Bestanddele
vPvB = Meget Persistente og Meget Bioakkumulerende

Anden information

Klassificeringen af blandingen for sundhedsfarer er baseret på beregningsmetoderne i CLP.
Klassificeringen af blandingen for hudætsning og alvorlige øjenskader sker på baggrund af pH-reglen.

Sikkerhedsdatabladet er valideret af

Quality & Compliance

Andet

Ændringer i forhold til sidste væsentlige revision (første ciffer i SDS Version, se punkt 1) af dette sikkerhedsdatablad er markeret med en blå trekant.
Oplysningerne i dette sikkerhedsdatablad gælder kun produktet nævnt i punkt 1 og er ikke nødvendigvis gældende ved brug sammen med andre produkter.
Det anbefales at udlevere dette sikkerhedsdatablad til den faktiske bruger af produktet. Den nævnte information kan ikke bruges som produktspecifikation.
Land-sprog: DK-da

OHUTUSKAART

i.23 descaler foam

1. JAGU. AINE/SEGU NING ÄRIÜHINGU/ETTEVÕTJA IDENTIFITSEERIMINE

1.1. Tootetähis

Nimetus:

i.23 descaler foam

Unikaalse koostise identifitseerija (UFI):

E094-SY4R-6T7V-FTJ3

1.2. Aine või segu asjaomased kindlaksmääratud kasutusalaad ning kasutusalaad, mida ei soovitata

Kemikaali või segu asjakohased määratud kasutuseesmärgid:

Detergendid ja puhastusvahendid (sh lahustipõhised)
Üksnes kutsealaseks kasutamiseks.

Kasutusalaad, mida ei soovitata:

Keegi pole tuttav.

1.3. Andmed ohutuskaardi tarnija kohta

Ettevõtte ja aadress:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

E-mail:

info@hygeniq.com

Muudetud:

12.02.2025

Ohutuskaardi versioon::

1.0

1.4. Hädaabitelefoni number

Häirekeskus: 112

Terviseameti mürgistusteabekeskuse infoliin 16 662 on avatud E 9.00 - 21.00, ülejäänud sõna järele koma T-P on infoliin avatud ööpäevaringselt. Välismaalt helistades vali number (+372) 7943 794.

Kaitsemeetmeid vt jaotisest „Esmabimeetmed“.

2. JAGU. OHTUDE IDENTIFITSEERIMINE

Klassifitseeritud vastavalt määrusele (EÜ) nr 1272/2008 (CLP).

2.1. Aine või segu klassifitseerimine

Skin Corr. 1; H314, Põhjustab rasket nahasöövitust ja silmakahjustusi.

Eye Dam. 1; H318, Põhjustab raskeid silmakahjustusi.

2.2. Mürgistuselemendid

Ohupiktogrammidest:



Tunnussõna:

Ettevaatust

Ohulause:

Põhjustab rasket nahasöövitust ja silmakahjustusi. (H314)

Hoiatuslaused:

Üldised:

-

Ohtu ennetavad:

auru/udu ainet mitte sisse hingata. (P260)

Kanda kaitseprille/kaitsekindaid. (P280)

Reageerimise kohta:

NAHALE (või juustele) SATTUMISE KORRAL: kõik saastunud rõivad viivitamata seljast võtta. Loputada nahka veega või loputada duši all. (P303+P361+P353)

SILMA SATTUMISE KORRAL: loputada mitme minuti jooksul ettevaatlikult veega. Eemaldada kontaktläätsed, kui neid kasutatakse ja kui neid on kerge eemaldada. Loputada veel kord. (P305+P351+P338)

Võtta viivitamata ühendust MÜRGIKUSTEABEKESKUSE/arstiga. (P310)

Säilitamise kohta:

-

Kõrvaldamise kohta:

Sisu/mahuti kõrvaldada vastavalt kohalikele eeskirjadele (P501)

Sisaldab:

D-Glucopyranose, oligomers, decyloctyl glycoside

Muu märgistus:

UFI: E094-SY4R-6T7V-FTJ3

Koostise märgistamine vastavalt detergentide määrusele 648/2004:

5% - 15%

· Mitteioonsed pindaktiivsed ained

2.3. Muud ohud

Muu:

See segu/toode ei sisalda aineid, mis vastavad kategooriasse PBT ja/või vPvB liigitamiseks nõutavatele tingimustele.

See toode ei sisalda aineid, mida käsitatakse vastavalt komisjoni delegeeritud määruses (EL) 2017/2100 või komisjoni määruses (EL) 2023/707 sätestatud kriteeriumidele endokriinseid häireid põhjustavate ainetena.

3. JAGU. KOOSTIS/TEAVE KOOSTISAINETE KOHTA

3.1. Ained

Ei rakendu. See toode on kokku segatud.

3.2. Segud

Toode/koostisosa	Identifitseerijad	% w/w	Klassifikatsioon	Märksed
D-Glucopyranose, oligomers, decyloctyl glycoside	CASi nr: 68515-73-1 EÜ nr: REACH: Indeksir:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CASi nr: 506-89-8	1-3%	Skin Irrit. 2, H315	

	EÜ nr: 208-059-6 REACH: Indeksir:		Eye Irrit. 2, H319 STOT SE 3, H335
Naatriumhüdroksiid; Naatrium hüdroksiid	CASi nr: 1310-73-2 EÜ nr: 215-185-5 REACH: 01-2119457892-27-XXXX Indeksir: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)

H-lauset täielikku teksti vaadakejaotisest 16. Kokkupuute piirväärtused on loetletud jaotisest 8, kui need on kättesaadavad.

Muu info

[19] UVCB = Tundmatu või muutuva koostisega ained, kompleksed reaktsioonisaadused või bioloogilist päritolu materjalid.

4. JAGU. ESMAABIMEETMED

4.1. Esmaabimeetmete kirjeldus

Üldinfo:

Õnnetuse korral pöörduda arsti või erakorralise meditsiini osakonna poolening - näidata toote etiketti või kemikaali ohutuskaarti. Selline lause lähtetekstis puudub.

Pöörduda arsti poole, kui kannatanu seisukorra osas on kahtlusi või kui sümptomid püsivad. Mitte kunagi ei tohi anda teadvuseta inimesele vett või muud vedelikku.

Sissehingamisel:

Hingamisraskuste või hingamisteede ärrituse korral: Viia kannatanu värske õhu kätte ja jääda tema juurde.

Kokkupuutel nahaga:

Loputage kokkupuutunud piirkonda veega pika aja jooksul - vähemalt 30 minutit. Võib osutada vajalikuks loputada mitme tunni jooksul. Kasutage mugavat veetemperatuuri (20-30 °C). Täiendavate nõuannete saamiseks järelkontrolli ja ravi kohta võtke ühendust mürgistusteabega/arstiga/haiglaga.

Võtta ära saastunud rõivad ja jalanõud. Nahaga kokkupuute korral pesta rohke vee ja seebiga. Kasutada võib nahapuhastusvahendeid. MITTE KASUTADA orgaanilisi lahusteid või vedeldajaid.

Nahaärrituse korral: pöörduda arsti poole.

Silma sattumisel:

SILMA SATTUMISE KORRAL: Loputada silmi rohke veega (20-30 °C), kuni valu lakkab või vähemalt 30 minuti jooksul. Võtta ära kontaktläätsed. Loputada kindlasti ülemiste ja alumiste silmalaugude alt. Pöörduda viivitamatult arsti poole ja jätkake loputamist.

Allaneelamisel:

Allaneelamisel pöörduda viivitamatult arsti poole. Kui isik on teadvusel, siis anda talle juua. MITTE PÜÜDA esile kutsuda oksendamist, juhul kui arst seda ei soovita. Aseta kannatanu pea asendisse, mis väldib okse tagasivalgumist suhu ja kurku. Vältida šokki, hoides kannatanut soojas ja rahus. Kui inimene lakkab hingamast, teha suust-suhu hingamist. Kui kannatanu on teadvuseta, panna ta looteasendisse. Kutsuda kiirabi.

Põletus:

Ei kohaldu.

4.2. Olulisemad akuutsed ja hilisemad sümptomid ning mõju

Kudesid kahjustav toime. Toode sisaldab nahka söövitavaid aineid. Auru või aerosoolide sissehingamisel võib esineda kopsukahjustusi, ärritust ja hingamisteede söövitust ja kõha. Kokkupuutel naha või silmadega võib tekkida pöördumatuid toimeid.

4.3. Märge igasuguse vältimatu meditsiiniabi ja eriravi vajalikkuse kohta

Kokkupuute või kokkupuutekahtluse korral:

Pöörduda viivitamata arsti poole.

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)

5.3. Nõuanded tuletõrjajatele

Kokkupuute vältimiseks kanda suruõhuhingamisaparaati ja kaitseriietust. Otsekontakti korral pöörduda nõu saamiseks riikliku mürgistuskeskuse poole.

6. JAGU. MEETMED JUHUSLIKU SATTUMISE KORRAL KESKKONDA

6.1. Isikukaitsemeetmed, kaitsevahendid ja toimimine hädaolukorras

Vältida otsest kokkupuudet lekkinud ainega.

Saastunud alad võivad olla libedad.

6.2. Keskkonnakaitse meetmed

Vältige järvedesse, vooluveekogudesse ja kanalisatsiooni pääsemist.

Hoidke volitamata isikud leketest eemal

6.3. Tõkestamis- ning puhastamise meetodid 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 otsest kokkupuudet tootega.

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

Avatud mahutid tuleb hoolikalt uuesti sulgeda ja neid lekete vältimiseks püstises asendis hoida.

Pakendi sobivusega seotud nõuded:

Hoida üksnes originaalpakendis.

Säilitustingimused:

Kuiv, jahe, hea ventilatsiooniga

Kokkusobimatud materjalid:

Hoida üksnes originaalpakendis.

7.3. Eriksutus

Seda toodet tohib kasutada ainult jaotises 1.2 kirjeldatud eesmärkidel.

8. JAGU. KOKKUPUUTE OHJAMINE/ISIKUKAITSE

8.1. Kontrolliparameetrid

Ükski aine ei ole kantud kutsealase kokkupuute piiranguga tervistkahjustavate ainete loendisse.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Periood:	Suund:	DNEL:
Pikaajaline – süsteemne toime – töötajad	Nahakaudne	595000 mg/kg/päeva
Pikaajaline – süsteemne toime – üldine rahvastik	Nahakaudne	357000 mg/kg/päeva
Pikaajaline – süsteemne toime – töötajad	Sissehingamine	420 mg/m ³
Pikaajaline – süsteemne toime – üldine rahvastik	Sissehingamine	124 mg/m ³
Pikaajaline – süsteemne toime – üldine rahvastik	Suukaudne	35.7 mg/kg/päeva

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Suund:	Kokkupuute aeg:	PNEC:
Magevee setted		1.516 mg/kg
Magevesi		176 µg/L
Merevee setted		152 µg/kg
Merevesi		17.6 µg/L
Pinnas		654 µg/kg
Reoveepuhasti		560 mg/L
Röövloomade		111.11 mg/kg
Vahelduv vabastamine (magevesi)		270 µg/L

8.2. Kokkupuute ohjamine

Tarbetu kokkupuute vältimiseks rakendage üldist kontrolli.

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:

Toote koostisainete kohta puuduvad kutsealase kokkupuute piirväärtused.

Insenertehnilised meetmed:

Tagage, et silmapesupunktid ja esmaabidušid oleks oleks kergesti kättesaadavad.

Rakendage toote kasutamise ajal standardseid ettevaatusabinõusid. Vältige aurude sissehingamist.

Hügieenimeetmed:

Toote kasutamise vaheaegadel ja töö lõppedes tuleb kõiki tootega kokku puutunud kehaosi põhjalikult pesta.

Pöörake erilist tähelepanu kätele, käsivartele ja näole.

Kokkupuute ohjamine keskkonnas:

Hoida tõkestavaid materjale töökoha läheduses. Võimalusel koguda mahaloksunud kemikaal töö käigus kokku.

Isiklikud kaitsemeetmed, nagu isikukaitsevahendid

Üldteave:

Saastunud rõivad enne järgmist kasutamist pesta.

Kasutada ainult CE-märgistusega kaitsevahendeid.

Hingamisteede kaitse:

Tüüp	Klass	Värvus	Standardid
Piisava ventilatsiooni korral ei ole hingamiskaitse vajalik			

Naha kaitse:

Soovitav	Tüüp/Kategooria	Standardid
Eesmärgipärasel kasutamisel eritingimused puuduvad	-	-

Käte kaitse:

Materjal	Minimaalne kihi paksus (mm)	Läbimisaeg (min.)	Standardid
Nitriilkummi	0.4	> 480	EN374-2, EN374-3, EN388



Silmade kaitse:

Tüüp	Standardid
Kasutage külgakaitsetega kaitseprille.	EN166



9. JAGU. FÜSIKALISED JA KEEMILISED OMADUSED

9.1. Teave üldiste füüsikaliste ja keemiliste omaduste kohta

Olek:

Vedelik

Värvus:

Pruun

Lõhn/lõhnalävi (ppm):

Iseloomulik

pH:

ca. 1.6

Tihedus (g/cm³):

1,05 (20 °C)

Kinemaatiline viskoossus:

Relevantsed andmed puuduvad toote olemuse tõttu.

Osakeste omadused:

Ei kohaldata vedelike suhtes.

Oleku muutused

Sulamis-/külmumispunkt (°C):

Relevantsed andmed puuduvad toote olemuse tõttu.

Pehmenemispunkti/pehmenemistemperatuuri vahemiku (°C):

Ei kohaldata vedelike suhtes.

Keemispunkt (°C):

Relevantsed andmed puuduvad toote olemuse tõttu.

Aururõhk:

Relevantsed andmed puuduvad toote olemuse tõttu.

Auru suhteline tihedus :

Relevantsed andmed puuduvad toote olemuse tõttu.

Lagunemistemperatuur (°C):

Relevantsed andmed puuduvad toote olemuse tõttu.

Teave tule- ja plahvatusohu kohta

Leekpunkt (°C):

Relevantsed andmed puuduvad toote olemuse tõttu.

Süttivus (°C):

Relevantsed andmed puuduvad toote olemuse tõttu.

Isesüttimistemperatuur (°C):

Relevantsed andmed puuduvad toote olemuse tõttu.

Plahvatuspiir (% v/v):

Relevantsed andmed puuduvad toote olemuse tõttu.

Lahustuvus

Lahustuvus vees:

Täiesti lahustuv

Jaotustegur n-oktanool/vesi (LogKow):

Relevantsed andmed puuduvad toote olemuse tõttu.

Lahustuvus rasvas (g/L):

Relevantsed andmed puuduvad toote olemuse tõttu.

9.2. Muu teave

Muud füüsikalised ja keemilised parameetrid:

ND: 1.354

Oksüdeerivad omadused:

Relevantsed andmed puuduvad toote olemuse tõttu.

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

Hoida üksnes originaalpakendis.

10.6. Ohtlikud lagusaadused

Termiline lagunemine võib tekitada sööbivaid aure.

11. JAGU. TEAVE TOKSILISUSE KOHTA

11.1. Teave ohuklasside kohta, nagu see on määratletud määruses (EÜ) nr 1272/2008

Akuutne mürgisus

Toode/koostisosa	D-Glucopyranose, oligomers, decyloctyl glycoside
Katsemeetod:	OECD 401
Art:	Rott
Suund:	Suukaudne
Katse:	LD50

Tulemus: > 5.000 mg/kg

Toode/koostisosa D-Glucopyranose, oligomers, decyloctyl glycoside
Katsemeetod: OECD 402
Art: Küülik
Suund: Nahakaudne
Katse: LD50
Tulemus: > 2000 mg/L

Nahka söövitav/ärritav

Toode/koostisosa D-Glucopyranose, oligomers, decyloctyl glycoside
Tulemus: Kahjulikke toimeid ei täheldatud (Mitteärritav)

Põhjustab rasket nahasöövitust ja silmakahjustusi.

Rasket silmade kahjustust/ärritust põhjustav

Toode/koostisosa D-Glucopyranose, oligomers, decyloctyl glycoside
Tulemus: Täheldati kahjulikke toimeid (Põhjustab raskeid silmakahjustusi)

Põhjustab raskeid silmakahjustusi.

Hingamiselundite sensibiliseerimine

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

Kudesid kahjustav toime. Toode sisaldab nahka söövitavaid aineid. Auru või aerosoolide sissehingamisel võib esineda kopsukahjustusi, ärritust ja hingamisteede söövitust ja köha. Kokkupuutel naha või silmadega võib tekkida pöördumatuid toimeid.

Endokriinseid häireid põhjustavad omadused

See segu/toode ei sisalda aineid, millel oleks hormonaalseid häireid põhjustavaid mõjusid tervisele.

Muu teave

Keegi pole tuttav.

12. JAGU. ÖKOLOOGILINE TEAVE

12.1. Toksilisus

Toode/koostisosa D-Glucopyranose, oligomers, decyloctyl glycoside
Katsemeetod: DIN EN ISO 7346-2
Art: Kala, Brachydanio rerio
Katse: LC50
Tulemus: > 100 mg/L

Toode/koostisosa D-Glucopyranose, oligomers, decyloctyl glycoside

Katsemeetod: OECD 202
Art: Daphnia magna
Katse: EC50
Tulemus: > 100 mg/L

Toode/koostisosa: D-Glucopyranose, oligomers, decyloctyl glycoside
Art: Scenedesmus subspicatus
Katse: EC50
Tulemus: > 10 - 100 mg/L

Toode/koostisosa: D-Glucopyranose, oligomers, decyloctyl glycoside
Katsemeetod: OECD 209
Art: Pseudomonas putida
Katse: EC0
Tulemus: > 100 mg/l mg/L

Toode/koostisosa: D-Glucopyranose, oligomers, decyloctyl glycoside
Katsemeetod: OECD 204
Art: Kala, Brachydanio rerio
Tulemus: > 1 - 10 mg/L

Toode/koostisosa: D-Glucopyranose, oligomers, decyloctyl glycoside
Katsemeetod: OECD 202
Art: Daphnia magna
Katse: NOEC
Tulemus: > 1 - 10 mg/L

12.2. Püsivus ja lagunduvus

Toode/koostisosa: D-Glucopyranose, oligomers, decyloctyl glycoside
Järelus: Kergesti biolagundatav

Nimetatud valmistis(t)es sisalduvate pindaktiivsete ainete biolagundatavus vastab biolagundatavuse kriteeriumidele, mis on detergentidele sätestatud EÜ määruises nr 648/2004. Seda kinnitust toetavad andmed on liikmesriikide pädevate asutuste valduses ning antakse liikmesriikidele nende vahetu taotluse alusel või detergentide tootja taotluse alusel.

12.3. Bioakumulatsioon

Kättesaadavate andmete põhjal ei ole klassifitseerimiskriteeriumid täidetud.

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

Toodet tuleb käidelda kui ohtlikke jäätmeid. (*)

HP 8 - Söövitav

Sisu/mahuti kõrvaldada tunnustatud jäätmekäitluskohas.

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 29*

Ohtlikke aineid sisaldavad pesuained

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	UN3265	SÖÖBIV VEDELIK, HAPPELINE, ORGAANILINE, N.O.S.	Klass: 8 Ohumärgised: 8 Klassifikatsioonikood: C3 	III	Ei	Piiratud kogused: 5 L Veokategooria: (E) Lisateabe saamiseks vt allpool.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Pakendigrupp

** Keskkonnaohud

Muu teave

See toode kuulub ohtlike kaupade transportimise määruste reguleerimisalasse.

ADR / Vt tabelit A, punkti 3.2.1 teabe saamiseks transpordiga seotud erisätete, nõuete ja hoiatuste kohta. Vt punkti 5.4.3 kirjalike juhiste saamiseks transpordi ajal toimunud juhtumite või õnnetustega seotud kahjude leevendamiseks.

14.6. Eriettevaatusabinõud kasutajatele

Ei kohaldu.

14.7. Mahtlasti merevedu kooskõlas Rahvusvahelise Mereorganisatsiooni dokumentidega

Andmed puuduvad.

15. JAGU. REGULEERIVAD ÕIGUSAKTID

15.1. Ainete ja segude suhtes kohaldatavad ohutus-, tervise- ja keskkonnavalased eeskirjad/õigusaktid

Piirangud kasutamisel:

Üksnes kutsealaseks kasutamiseks.

Alla 18-aastased ei tohi selle ainega kokku puutuda, vt Nõukogu direktiivi 94/33/EÜ 22. juunist 1994, noorte inimeste kaitsmisest töö juures.

Nõuded eriväljaõppele:

Erinõuded puuduvad.

SEVESO Ohukategooriad / nimetatud ohtlikud ained:

Ei kohaldu.

Koostise märgistamine vastavalt detergentide määrusele 648/2004:

5% - 15%

· Mitteioonsed pindaktiivsed ained

Muu teave:

Nimetatud valmistis(t)es sisalduvate pindaktiivsete ainete biolagundatavus vastab biolagundatavuse kriteeriumidele, mis on detergentidele sätestatud EÜ määruses nr 648/2004. Seda kinnitust toetavad andmed on liikmesriikide pädevate asutuste valduses ning antakse liikmesriikidele nende vahetu taotluse alusel või detergentide tootja taotluse alusel.

Allikas:

Töökeskonna ohutegurite ja tööde loetelu, mille puhul alaealise töötamine on keelatud, Vastu võetud 11.06.2009 nr 94.

Euroopa Parlamendi ja Nõukogu määrus (EÜ) nr 648/2004, 31. märts 2004, detergentide kohta.
Komisjoni määrus (EL) nr 1357/2014, 18. detsember 2014, millega asendatakse Euroopa Parlamendi ja Nõukogu direktiivi 2008/98/EÜ (mis käsitleb jäätmeid ja millega tunnistatakse kehtetuks teatud direktiivid) III lisa.
Euroopa Parlamendi ja Nõukogu määrus (EÜ) nr 1272/2008, 16. detsember 2008, mis käsitleb ainete ja segude klassifitseerimist, märgistamist ja pakendamist (CLP).
Euroopa Parlamendi ja nõukogu määrus (EÜ) nr 1907/2006, 18. detsember 2006, mis käsitleb kemikaalide registreerimist, hindamist, autoriseerimist ja piiramist (REACH).

15.2. Kemikaaliohutuse hindamine

Ei

16. JAGU. MUU TEAVE

Jaotises 3 esitatud H-lausetekst

H290, Võib söövitada metalle.
H314, Põhjustab rasket nahasöövitust ja silmakahjustusi.
H315, Põhjustab nahaärritust.
H318, Põhjustab raskeid silmakahjustusi.
H319, Põhjustab tugevat silmade ärritust.
H335, Võib põhjustada hingamisteede 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 Õhuvvedude 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

Segu klassifikatsioon terviseohtude osas vastab määruses (EÜ) nr 1272/2008 (CLP) sätestatud arvutusmeetoditele.
Segu klassifikatsioon nahasöövituse ja raske silmakahjustuse osas tugineb määruses (EÜ) nr 1272/2008 (CLP) sätestatud pH kriteeriumitele.

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.

Soovitav on anda see kemikaali ohutuskaart üle toote tegelikule kasutajale. Sellel kemikaali ohutuskaardil sisalduvat informatsiooni ei tohi kasutada toote spetsifikatsioonina.

Riik-keel: EE-et

FICHA DE DATOS DE SEGURIDAD

i.23 descaler foam

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

1.1. Identificador de producto

Nombre comercial:
i.23 descaler foam

Identificador único de fórmula (IUF):
E094-SY4R-6T7V-FTJ3

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:
12/2/2025

Versión FDS:
1.0

1.4. Teléfono de emergencia

Servicio de Información Toxicológica
Teléfono: +34 91 562 04 20
Información en español (24h/365 días)
Consulte la sección 4 para obtener información sobre primeros auxilios.

SECCIÓN 2. IDENTIFICACIÓN DE LOS PELIGROS

Clasificado según el Reglamento (CE) Nro. 1272/2008 (CLP).

2.1. Clasificación de la sustancia o de la mezcla

Skin Corr. 1; H314, Provoca quemaduras graves en la piel y lesiones oculares graves.
Eye Dam. 1; H318, Provoca lesiones oculares graves.

2.2. Elementos de la etiqueta

Pictogramas de peligro:



Palabra de advertencia:

Peligro

Indicaciones de peligro:

Provoca quemaduras graves en la piel y lesiones oculares graves. (H314)

Consejos de prudencia:

Generalidades:

-

Prevención:

No respirar los vapores/la niebla. (P260)

Llevar gafas/guantes de protección. (P280)

Intervención:

EN CASO DE CONTACTO CON LA PIEL (o el pelo): Quitar inmediatamente toda la ropa contaminada. Enjuagar la piel con agua o ducharse. (P303+P361+P353)

EN CASO DE CONTACTO CON LOS OJOS: Enjuagar con agua cuidadosamente durante varios minutos. Quitar las lentes de contacto cuando estén presentes y pueda hacerse con facilidad. Proseguir con el lavado. (P305+P351+P338)

Llamar inmediatamente a un CENTRO DE TOXICOLOGÍA/médico. (P310)

Almacenamiento:

-

Eliminación:

Eliminar el contenido/el recipiente De conformidad con la normativa local (P501)

Identificación de las sustancias principalmente responsables de los riesgos graves para la salud:

D-Glucopyranose,oligomers,decyloctyl glycoside

Etiquetado adicional:

IUF: E094-SY4R-6T7V-FTJ3

Etiquetado del contenido según el Reglamento de Detergentes 648/2004:

5% - 15%

· Tensioactivos no iónicos

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
D-Glucopyranose,oligomers,decyloctyl glycoside	Nº CAS: 68515-73-1 Nº CE: REACH: Nº de índice:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]

Urea hydrochloride	N° CAS: 506-89-8 N° CE: 208-059-6 REACH: N° de índice:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
hidróxido de sodio	N° CAS: 1310-73-2 N° CE: 215-185-5 REACH: 01-2119457892-27-XXXX N° de índice: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)

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

[19] UVCB = significa sustancias de composición desconocida o variable, productos de reacción complejos y materiales biológicos.

SECCIÓN 4. PRIMEROS AUXILIOS

4.1. Descripción de los primeros auxilios

General:

En caso de accidente: Póngase en contacto con el médico o vaya a emergencias. Llévase la etiqueta o esta hoja de datos de seguridad. El médico deberá ponerse en contacto con el Servicio de información Toxicológica, Teléfono: +34 91 562 04 20.

Si los síntomas son permanentes o si tiene alguna duda sobre la situación del accidentado, consulte a un médico. Nunca dé agua ni nada parecido a una persona inconsciente.

Inhalación:

En caso de dificultades respiratorias o irritación del tracto respiratorio: Lleve a la persona a un lugar en el que pueda respirar aire fresco y no la deje sin supervisión.

Contacto con la piel:

Enjuague el área expuesta con agua durante mucho tiempo, al menos 30 minutos. Puede ser necesario enjuagar durante varias horas. Use una temperatura de agua cómoda (20-30 °C). Comuníquese con Información sobre intoxicaciones/médico/hospital para obtener más consejos sobre el seguimiento y el tratamiento.

Retire enseguida la ropa y calzado contaminado. Lave bien con agua y jabón la piel que haya estado en contacto con el material. Puede utilizar productos de higiene cutánea. NO utilice disolventes ni diluyentes.

En caso de irritación cutánea: Consultar a un médico.

Contacto con los ojos:

En caso de contacto con los ojos: Y enjuáguese los ojos con agua abundante (20-30 °C) hasta que la irritación desaparezca, y al menos durante 30 minutos. Quítese las lentes de contacto. Asegúrese de enjuagar bien los párpados. A continuación consulte a un médico. Busque asistencia médica inmediatamente y continúe enjuagando durante el transporte.

Ingestión:

En caso de ingestión avise inmediatamente a un médico. Dé agua al accidentado si recupera la consciencia. No intente provocar el vómito a no ser que el médico lo recomiende. Coloque la cabeza baja de modo que si vomita, no se trague el vómito. Para prevenir shocks mantenga al accidentado caliente y tranquilo. Si deja de respirar, hágale la respiración artificial. Si pierde la consciencia coloque al accidentado en posición lateral de seguridad. Llame a una ambulancia.

Quemadura:

No aplicable.

4.2. Principales síntomas y efectos, agudos y retardados

Efectos sobre los tejidos: El producto contiene sustancias corrosivas. Si se inhalan vapores o aerosoles puede

provocar daños a los pulmones e irritación y escozor en el sistema respiratorio, así como tos. La sustancia corrosiva provoca daños irreversibles en los ojos y daña la piel.

4.3. Indicación de toda atención médica y de los tratamientos especiales que deban dispensarse inmediatamente

EN CASO DE exposición manifiesta o presunta:

Consultar a un médico inmediatamente.

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)

5.3. Recomendaciones para el personal de lucha contra incendios

Indumentaria normal de extinción y protección respiratoria total. En caso de contacto directo con la sustancia química el jefe de equipo deberá ponerse en contacto con el Servicio de Información Toxicológica, Teléfono: +34 91 562 04 20 para recibir instrucciones.

SECCIÓN 6. MEDIDAS EN CASO DE VERTIDO ACCIDENTAL

6.1. Precauciones personales, equipo de protección y procedimientos de emergencia

Evite el contacto directo con el producto vertido.

Las áreas contaminadas pueden ser resbaladizas.

6.2. Precauciones relativas al medio ambiente

Evite los vertidos en lagos, ríos, alcantarillas y demás.

Mantenga a las personas no autorizadas alejadas del derrame.

6.3. Métodos y material de contención y de limpieza

Contenga y recoja los derrames con material absorbente no combustible, por ejemplo: arena, tierra, vermiculita o tierra de diatomeas y colocar en un recipiente para su eliminación de acuerdo con las normas locales.

Siempre que sea posible, efectúe la limpieza con detergentes. Evite utilizar disolventes.

6.4. Referencia a otras secciones

Consulte la sección 13 "Consideraciones relativas a la eliminación" sobre el manejo de desechos.

Consulte la sección 8 "Controles de exposición/protección individual" para conocer las disposiciones de seguridad.

SECCIÓN 7. MANIPULACIÓN Y ALMACENAMIENTO

7.1. Precauciones para una manipulación segura

Evite el contacto directo con el producto.

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

Los envases abiertos deben cerrarse perfectamente con cuidado y mantenerse en posición vertical para evitar derrames.

Compatibilidades de embalaje:

Conservar únicamente en el embalaje original.

Condiciones de almacenaje:

Conservar en lugar fresco, seco y bien ventilado

Materiales incompatibles:

Conservar únicamente en el embalaje original.

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

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

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Duración:	Vía de exposición:	DNEL:
Largo plazo - efectos sistémicos- trabajadores	Dérmico	595000 mg/kg/día
Largo plazo -efectos sistémicos- población general	Dérmico	357000 mg/kg/día
Largo plazo - efectos sistémicos- trabajadores	Inhalación	420 mg/m ³
Largo plazo -efectos sistémicos- población general	Inhalación	124 mg/m ³
Largo plazo -efectos sistémicos- población general	Oral	35.7 mg/kg/día

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Vía de exposición:	Tiempo de exposición:	PNEC:
Agua dulce		176 µg/L
Agua marina		17.6 µg/L
Depredadores		111.11 mg/kg
Depuradora de aguas residuales		560 mg/L
Liberación intermitente (agua dulce)		270 µg/L
Sedimento de agua dulce		1.516 mg/kg
Sedimento de agua marina		152 µg/kg
Tierra		654 µg/kg

8.2. 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.

Iniciativa técnica:

Asegúrese de que las estaciones de lavado de ojos y las duchas de seguridad estén ubicadas en un lugar de fácil acceso.

Tome precauciones estándar durante el uso de este producto. Evite la inhalación de vapores.

Disposiciones higiénicas:

En cada pausa del uso del producto y al finalizar el trabajo limpie las zonas del cuerpo expuestas. Preste especial atención a las manos, los antebrazos y la cara.

Disposiciones para limitar la exposición del entorno:

Asegúrese de disponer de medios de contención en las inmediaciones al trabajar con el producto. Si es posible,

utilice bandejas de rebose durante el trabajo.

Medidas de protección individual, tales como equipos de protección personal

General:

Lavar las prendas contaminadas antes de volver a usarlas.
Solamente utilizar equipos de protección con la marca CE.

Conducto respiratorio:

Tipo	Clase	Color	Normas	
No se necesita protección respiratoria en caso de ventilación adecuada.				

Piel y cuerpo:

Recomendado	Tipo/Categoría	Normas	
No se requiere ninguna en especial en condiciones normales de uso.	-	-	

Manos:

Material	Espesura mínima de capa (mm)	Tiempo de penetración (min.)	Normas	
Caucho de nitrilo	0.4	> 480	EN374-2, EN374-3, EN388	

Ojos:

Tipo	Normas	
Use gafas de seguridad con protección lateral.	EN166	

SECCIÓN 9. PROPIEDADES FÍSICAS Y QUÍMICAS

9.1. Información sobre propiedades físicas y químicas básicas

Condición física:

Líquido

Color:

Marrón

Olor / Umbral olfativo (ppm):

Característico

pH:

ca. 1.6

Densidad (g/cm³):

1,05 (20 °C)

Viscosidad cinemática:

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Características de las partículas:

No se aplica a los líquidos.

Cambio de estado y vapores

Punto de fusión/punto de congelación (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

El punto o intervalo/reblandecimiento (°C):

No se aplica a los líquidos.

Punto de ebullición (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Presión del vapor:

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Densidad de vapor relativa:

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Temperatura de descomposición (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Datos de riesgo de incendio y explosión

Punto de ignición (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Inflamabilidad (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Temperatura de auto-inflamación (°C):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Límites de explosión (% v/v):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Solubilidad

Solubilidad en agua:

Completamente soluble

coeficiente n-octanol/agua (LogKow):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

Solubilidad en grasa (g/L):

No hay datos relevantes o disponibles debido a la naturaleza del producto.

9.2. Otros datos

Otros parámetros físicos y químicos:

ND: 1.354

Propiedades oxidantes:

No hay datos relevantes o disponibles debido a la naturaleza del producto.

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

Conservar únicamente en el embalaje original.

10.6. Productos de descomposición peligrosos

La descomposición térmica puede producir vapores corrosivos.

SECCIÓN 11. INFORMACIÓN TOXICOLÓGICA

11.1. Información sobre las clases de peligro definidas en el Reglamento (CE) n.º 1272/2008

Toxicidad aguda

Producto / ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Método de ensayo:	OCDE 401
Especies:	Rata
Vía de exposición:	Oral
Prueba:	DL50
Resultado:	> 5.000 mg/kg

Producto / ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Método de ensayo:	OCDE 402
Especies:	Conejo
Vía de exposición:	Dérmico
Prueba:	DL50
Resultado:	> 2000 mg/L

Corrosión o irritación cutáneas

Producto / ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Resultado:	No se observan efectos adversos (No es irritante)

Provoca quemaduras graves en la piel y lesiones oculares graves.

Lesiones o irritación ocular graves

Producto / ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Resultado:	Se observan efectos adversos (Provoca lesiones oculares graves)

Provoca lesiones oculares graves.

Sensibilización respiratoria

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

Efectos sobre los tejidos: El producto contiene sustancias corrosivas. Si se inhalan vapores o aerosoles puede provocar daños a los pulmones e irritación y escozor en el sistema respiratorio, así como tos. La sustancia corrosiva provoca daños irreversibles en los ojos y daña la piel.

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

Ningunos conocidos.

SECCIÓN 12. INFORMACIÓN ECOLÓGICA

12.1. Toxicidad

Producto / ingrediente D-Glucopyranose,oligomers,decyloctyl glycoside
 Método de ensayo: DIN EN ISO 7346-2
 Especies: Pez, Brachydanio rerio
 Prueba: CL50
 Resultado: > 100 mg/L

Producto / ingrediente D-Glucopyranose,oligomers,decyloctyl glycoside
 Método de ensayo: OCDE 202
 Especies: Daphnia magna
 Prueba: CE50
 Resultado: > 100 mg/L

Producto / ingrediente D-Glucopyranose,oligomers,decyloctyl glycoside
 Especies: Scenedesmus subspicatus
 Prueba: CE50
 Resultado: > 10 - 100 mg/L

Producto / ingrediente D-Glucopyranose,oligomers,decyloctyl glycoside
 Método de ensayo: OCDE 209
 Especies: Pseudomonas putida
 Prueba: EC0
 Resultado: > 100 mg/l mg/L

Producto / ingrediente D-Glucopyranose,oligomers,decyloctyl glycoside
 Método de ensayo: OCDE 204
 Especies: Pez, Brachydanio rerio
 Resultado: > 1 - 10 mg/L

Producto / ingrediente D-Glucopyranose,oligomers,decyloctyl glycoside
 Método de ensayo: OCDE 202
 Especies: Daphnia magna
 Prueba: NOEC
 Resultado: > 1 - 10 mg/L

12.2. Persistencia y degradabilidad

Producto / ingrediente D-Glucopyranose,oligomers,decyloctyl glycoside
 Conclusión: Fácil biodegradabilidad

El tensioactivo(s) contenido(s) en esta preparación cumple(n) con el criterio de biodegradabilidad estipulado en el Reglamento (CE) n° 648/2004 sobre detergentes. Los datos para justificar esta afirmación están a disposición de las autoridades competentes de los Estados Miembros y les serán mostrados bajo su requerimiento directo o bajo requerimiento de un productor de detergentes.

12.3. Potencial de bioacumulación

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

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 está bajo las normas de residuos peligrosos. (*)

HP 8 - Corrosivo

Eliminar el contenido/el recipiente en un punto de recogida de residuos especiales.

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 29* Detergentes que contienen sustancias peligrosas

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	UN3265	LÍQUIDO CORROSIVO, ÁCIDO, ORGÁNICO, N.E.P.	Clase: 8 Etiquetas: 8 Código de clasificación: C3 	III	No	Cantidades limitadas: 5 L Código de restricción en túneles: (E) Véase a continuación para obtener información adicional
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Grupo de embalaje

** Peligros para el medio ambiente

Otros

El producto está cubierto por las convenciones relativas a productos peligrosos.

ADR / Consultar la tabla A, sección 3.2.1, para más información sobre disposiciones, requisitos o advertencias especiales en relación con el transporte. Consultar la sección 5.4.3 para obtener instrucciones por escrito sobre la mitigación de daños en relación con incidentes o accidentes durante el transporte.

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.
El producto no puede ser utilizado profesionalmente por menores de 18 años.

Requisitos de formación específica:

No tiene requisitos específicos.

SEVESO - Categorías de peligro / Sustancias peligrosas nominadas:

No aplicable.

Etiquetado del contenido según el Reglamento de Detergentes 648/2004:

5% - 15%
· Tensioactivos no iónicos

Otros:

El tensioactivo(s) contenido(s) en esta preparación cumple(n) con el criterio de biodegradabilidad estipulado en el Reglamento (CE) n° 648/2004 sobre detergentes. Los datos para justificar esta afirmación están a disposición de las autoridades competentes de los Estados Miembros y les serán mostrados bajo su requerimiento directo o bajo requerimiento de un productor de detergentes.

Fuentes:

Ley 31/1995, de 8 de noviembre, de prevención de Riesgos Laborales.
Reglamento (CE) n° 648/2004 del Parlamento Europeo y del Consejo de 31 de marzo de 2004, sobre detergentes.
Reglamento (UE) n° 1357/2014 de la Comisión de 18 de diciembre de 2014 sobre los residuos.
Reglamento (CE) n° 1272/2008 del Parlamento Europeo y del Consejo de 16 de diciembre de 2008 sobre clasificación, etiquetado y envasado de sustancias y mezclas (CLP).
Reglamento (CE) n° 1907/2006 del Parlamento Europeo y del Consejo, de 18 de diciembre de 2006, relativo al registro, la evaluación, la autorización y la restricción de las sustancias y preparados químicos (REACH).

15.2. Evaluación de la seguridad química

No

SECCIÓN 16. OTRA INFORMACIÓN

Redacción completa de las frases H descrita en la sección 3

H290, Puede ser corrosivo para los metales.
H314, Provoca quemaduras graves en la piel y lesiones oculares graves.
H315, Provoca irritación cutánea.
H318, Provoca lesiones oculares graves.
H319, Provoca irritación ocular grave.
H335, Puede irritar las vías respiratorias.

Abreviaturas y acrónimos

ADN = Acuerdo Europeo Relativo al Transporte Internacional de Mercancías Peligrosas por Vía Navegable Interior
ADR = Acuerdo Europeo sobre el Transporte Internacional de Mercancías Peligrosas por Carretera
ETA = Estimación de Toxicidad Aguda
CAS = Servicio de Resúmenes Químicos
CE = Conformité Européenne (De Conformidad Europea)
CLP = Reglamento sobre Clasificación, Etiquetado y Envasado [Reglamento (CE) No 1272/2008]
CLP CER = Catálogo Europeo de Residuos
COV = Compuestos Orgánicos Volátiles
DMEL = Nivel de Efecto Mínimo Derivado
DNEL = Nivel sin efecto derivado
EINECS = Inventario Europeo de Sustancias Químicas Existentes Comercializadas
EE = Escenarios de Exposición Indicación
EUH = Indicación de Peligro específica del

EuPCS = Sistema Europeo de Clasificación de Productos
FBC = Factor de Bioconcentración
IARC = Agência Internacional de Pesquisa em Câncer
IATA = Asociación de Transporte Aéreo Internacional
IBC = Contenedor Intermedio para Productos a Granel
IMDG = Código Marítimo Internacional de Mercancías Peligrosas
ISQ = Informe sobre la Seguridad Química
Log Kow = logaritmo del coeficiente de reparto octanol/agua
MARPOL = Convenio Internacional para Prevenir la Contaminación por los Buques, 1973 con el Protocolo de 1978. ("Marpol" = polución marina)
mPmB = Muy Persistente y Muy Bioacumulativa
OCDE = Organización de Cooperación y Desarrollo Económico
ONU = Organización de las Naciones Unidas
PBT = Persistente, Bioacumulativo y Tóxico
PCG = Potencial de calentamiento global
PNEC = Concentración Prevista Sin Efecto
RID = Reglamento de Transporte Internacional de Mercancías Peligrosas por Ferrocarril
RRN = Número de Registro REACH
SCL = Límite de concentración específico (LCE).
SEP = Sustancia Extremadamente Preocupante
SGA = Sistema Globalmente Armonizado de Clasificación y Etiquetado de Productos Químicos
STOT-RE = Toxicidad Específica en Determinados Órganos - Exposiciones Repetidas
STOT-SE = Toxicidad Específica en Determinados Órganos - Exposición Única
UVCB = Significa sustancias de composición desconocida o variable, productos de reacción complejos y materiales biológicos
VLA-ED = Promedio ponderado por el tiempo
VSQ = Valoración de la Seguridad Química

Otros

La clasificación de la mezcla en relación a los riesgos para la salud se conforme a los métodos de cálculo que se indican en el Reglamento (CE) n° 1272/2008 (CLP).
La clasificación de la mezcla en relación a la corrosión de la piel y lesiones oculares graves se basa en el criterio de cálculo del pH indicado en el Reglamento (CE) N° 1272/2008 (CLP).

Ficha de datos de seguridad es validada por

Quality & Compliance

Otros

Las modificaciones en relación a la presente revisión (primera cifra en la Versión FDS, véase sección 1) de esta hoja de datos de seguridad se marcan con un triángulo.
La información que contiene esta hoja de la ficha de datos de seguridad se aplica únicamente al producto indicado en la sección 1 y no tiene por qué ser aplicable si se utiliza con otros productos.
Se recomienda entregar esta hoja de la ficha de datos de seguridad al usuario del producto. La información indicada no se puede utilizar como ficha técnica del producto.
País-idioma: ES-es

KÄYTTÖTURVALLISUUSTIEDOTE

i.23 descaler foam

KOHTA 1: AINEEN TAI SEOKSEN JA YHTIÖN TAI YRITYKSEN TUNNISTETIEDOT

1.1. Tuotetunniste

Kauppanimi:

i.23 descaler foam

Ainutkertainen koostumustunniste (UFI):

E094-SY4R-6T7V-FTJ3

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:

12.2.2025

KTT:n versio:

1.0

1.4. Häätöpuhelinnumero

HUS Myrkytystietokeskus 24 h/vrk, puh. 0800 147 111.
Myrkytystietokeskus/HUS, Tukholmankatu 17, 00029 HUS (Helsinki)
Ks. ensiaputoimenpiteet kohta 4.

KOHTA 2: VAARAN YKSILÖINTI

Luokitus asetuksen (EY) nro 1272/2008 (CLP) mukaan.

2.1. Aineen tai seoksen luokitus

Skin Corr. 1; H314, Voimakkaasti ihoa syövyttävää ja silmiä vaurioittavaa.
Eye Dam. 1; H318, Vaurioittaa vakavasti silmiä.

2.2. Merkinnät

Varoitusmerkit:



Huomiosana:

Vaara

Vaaralausekkeet:

Voimakkaasti ihoa syövyttävää ja silmiä vaurioittavaa. (H314)

Turvalausekkeet:

Yleiset:

-

Ennaltaehkäisy:

Älä hengitä höyryä/sumua. (P260)

Käytä silmiensuojainta/suojakäsineitä. (P280)

Pelastustoimenpiteet:

JOS KEMIKAALIA JOUTUU IHOLLE (tai hiuksiin): Riisu saastunut vaatetus välittömästi. Huuhto iho vedellä tai suihkuta. (P303+P361+P353)

JOS KEMIKAALIA JOUTUU SILMIIN: Huuhto huolellisesti vedellä usean minuutin ajan. Poista mahdolliset piilolinssit, jos sen voi tehdä helposti. Jatka huuhtomista. (P305+P351+P338)

Ota välittömästi yhteys MYRKYTYSTIETOKESKUKSEEN/lääkäriin. (P310)

Varastointi:

-

Jätteiden käsittely:

Hävitä sisältö/pakkaus paikallisten määräysten mukaisesti (P501)

Vaaralliset aineet:

D-Glucopyranose, oligomers, decyloctyl glycoside

Täydentävät tiedot:

UFI-tunniste: E094-SY4R-6T7V-FTJ3

Sisältöä koskevat merkinnät:

5% - 15%

· Ionittomat pinta-aktiiviset aineet

2.3. Muut vaarat

Muuta:

Tämä seos/tuote ei sisällä aineita, jotka täyttävivät 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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS: 68515-73-1 EY: REACH-rek.nro.: Indeksinro.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS: 506-89-8	1-3%	Skin Irrit. 2, H315	

	EY: 208-059-6 REACH-rek.nro.: Indeksinro.:		Eye Irrit. 2, H319 STOT SE 3, H335
Natriumhydroksidi	CAS: 1310-73-2 EY: 215-185-5 REACH-rek.nro.: 01-2119457892-27-XXXX Indeksinro.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)

H-lausekkeet annetaan täydessä sanamuodossaan kohdassa 16. Työhygieeniset raja-arvot annetaan kohdassa 8, mikäli ne ovat saatavilla.

Muut tiedot

[19] UVCB = Koostumukseltaan tuntematon tai vaihteleva aine, kompleksi reaktiotuote tai biologinen materiaali.

KOHTA 4: ENSIAPUTOIMENPITEET

4.1. Ensiaputoimenpiteiden kuvaus

Yleistä:

Onnettomuustilanne: Ota yhteys lääkäriin tai ensiapuun - ota mukaan etiketti tai tämä käyttöturvallisuustiedote. Jos oireet jatkuvat tai loukkaantuneen tilasta ei ole varmuutta, hakeudu lääkärin hoitoon. Älä koskaan anna tajuttomalle vettä tai muuta juotavaa.

Hengitettynä:

Hengitysvaikeuksien tai hengitystieärsytyksen ilmetessä: Siirrä henkilö raittiiseen ilmaan ja tarkkaile hänen vointiaan.

Kosketus ihoon:

Huuhtelee altistunutta aluetta vedellä kauan, vähintään 30 minuuttia. Huuhtelua on ehkä jatkettava monen tunnin ajan. Käytä miellyttävän lämpöistä vettä (20-30 °C). Ota yhteyttä myrkytystietokeskukseen/lääkäriin/sairaalaan saadaksesi lisätietoja seurannasta ja hoidosta.

Riisu saastuneet vaatteet ja kengät välittömästi. Pese altistunut iho huolellisesti vedellä ja saippualla. Iholle tarkoitettua pesuainetta voidaan käyttää. ÄLÄ KÄYTÄ liuottimia tai ohentimia.

Jos ilmenee ihoärsytystä: Hakeudu lääkäriin.

Kosketus silmiin:

JOS KEMIKAALIA JOUTUU SILMIIN: Huuhtelee silmiä runsaalla vedellä (20 - 30 °C) vähintään 30 minuuttia ja jatka kunnes ärsytys lakkaa. Poista mahdolliset piilolinssit. Huolehdi, että huuhdot sekä ylä- että alaluomien alta. Hakeudu heti lääkärin hoitoon ja jatka huuhtelua kuljetuksen aikana.

Nieltynä:

Jos ainetta on nielty, ota heti yhteys lääkäriin. Jos henkilö on tajuissaan, juota hänelle vettä. ÄLÄ OKSENNUTA, ellei lääkäri suosittele sitä. Pidä päät alhaalla, ettei mahdollinen oksennus valu takaisin suuhun tai kurkkuun. Ehkäise shokkia pitämällä loukkaantunut lämpimänä ja rauhallisena. Anna teko hengitystä, jos hengitys lakkaa. Jos loukkaantunut on tajuton, aseta hänet kylkiasentoon. Kutsu ambulanssi.

Palovamma:

Ei sovellettavissa.

4.2. Tärkeimmät oireet ja vaikutukset, sekä välittömät että viivästyneet

Kudoksille tuhoisat vaikutukset: Tuote sisältää syövyttäviä aineita. Höyryn ja aerosolien sisäänhengittäminen voi vaurioittaa keuhkoja ja aiheuttaa ärsytystä ja kipua hengityselimissä sekä yskää. Syövyttävät aineet voivat aiheuttaa peruuttamattomia vahinkoja silmissä. Syövyttää ihoa.

4.3. Mahdollisesti tarvittavaa välitöntä lääketieteellistä apua ja erityishoitoa koskevat ohjeet

Altistumisen tapahduttua tai jos epäillään altistumista:
Hakeudu välittömästi lääkäriin.

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. Tullelle altistuneet suljetut säiliöt jäädytetään vedellä. Sammutusvesi ei saa valua viemäriverkostoon eikä vesistöön.

Jos tuote altistuu korkeille lämpötiloille esim. tulipalon yhteydessä, se voi muodostaa vaarallisia hajoamistuotteita.

Niitä ovat:

Hiilen oksidit (CO / CO₂)

5.3. Palontorjuntaa koskevat ohjeet

Normaalit palontorjuntavarusteet ja ulkoilmasta riippumaton hengityksensuojaus. Altistumistilanteissa ota yhteyttä myrkytystietokeskukseen.

KOHTA 6: TOIMENPITEET ONNETTOMUUSPÄÄSTÖISSÄ

6.1. Varotoimenpiteet, henkilönsuojaimet ja menettely hätätilanteessa

Vältä suoraa kosketusta roiskuneeseen kemikaaliin.

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 suoraa kosketusta tuotteeseen.

Tupakointi, syöminen ja juominen ei ole sallittua työtiloissa.

Katso tietoja henkilökohtaisista suojaamista kohdasta 8 "Altistumisen ehkäiseminen ja henkilönsuojaimet".

7.2. Turvallisen varastoinnin edellyttämät olosuhteet, mukaan luettuina yhteensopimattomuudet

Avatut säiliöt on suljettava huolellisesti uudelleen ja pidettävä pystysuorassa vuotojen estämiseksi.

Soveltuvat pakkaustavat:

Säilytä alkuperäispakkauksessa.

Varastointiolosuhteet:

Kuiva, viileä ja hyvin ilmastoitu

Yhteensopimattomat materiaalit:

Säilytä alkuperäispakkauksessa.

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

Tuote ei sisällä aineita, joille on asetettu Suomessa työperäisen altistumisen raja-arvoja.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Kesto:	Altistumisreitti:	DNEL:
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Hengitettynä	420 mg/m ³
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Hengitettynä	124 mg/m ³
Pitkäaikainen – Systemaattiset vaikutukset - työntekijät	Ihon kautta	595000 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Ihon kautta	357000 mg/kg/päivä
Pitkäaikainen – Systemaattiset vaikutukset - väestö	Suun kautta	35.7 mg/kg/päivä

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Altistumisreitti:	Altistumisen kesto:	PNEC:
Jaksottainen päästö (makeavesi)		270 µg/L
Jäteveden käsittelylaitos		560 mg/L
Maa		654 µg/kg
Makeanveden sedimentti		1.516 mg/kg
Makeavesi		176 µg/L
Meriveden sedimentti		152 µg/kg
Merivesi		17.6 µg/L
Petoeläimet		111.11 mg/kg

8.2. Altistumisen ehkäiseminen

Vältä turha altistuminen yleisellä valvonnalla.

Yleiset suositukset:

Tupakointi, syöminen ja juominen ei ole sallittua työtiloissa.

Altistumisskenaariot:

Tälle tuotteelle ei ole annettu altistumisskenaarioita.

Työperäisen altistumisen raja-arvot:

Tuotteen aineosilla ei ole työhygieenisiä raja-arvoja.

Asianmukaiset tekniset torjuntatoimenpiteet:

Varmista, että silmähuuhtelupaikat ja hätäsuihkut ovat helposti käytettävissä.

Noudata tavanomaisia varotoimenpiteitä tuotetta käytettäessä. Vältä höyryjen hengittämistä.

Hygienia-toimenpiteet:

Altistuneet kehon alueet on pestävä aina kun tuotteen käytössä on tauko tai kun työ loppuu. Kiinnitä erityistä huomiota käsiin, käsivarsiin ja kasvoihin

Varotoimet ympäristöaltistuksen rajoittamiseksi:

Pidä tuotteen ja työskentelypaikan välittömässä läheisyydessä imeytysainetta. Jos mahdollista, kerää roiskeet työskentelyn aikana.

Henkilökohtaiset suojaustoimenpiteet, kuten henkilönsuojaimet

Yleistä:

Pese saastunut vaatetus ennen uudelleenkäyttöä.

Käytä vain CE-merkinnällä varustettuja suojavarusteita.

Hengityksensuojaus:

Tyyppi	Luokka	Väri	Standardit	
Hengityksensuojainta ei tarvita ilmanvaihdon ollessa riittävä.				

Ihon suojaus:

Suositus	Tyyppi/Kategoria	Standardit	
Ei erityisvaatimuksia normaalissa käytössä.	-	-	

Käsien suojaus:

Materiaali	Paksuus (mm)	Läpäisy aika (min.)	Standardit	
Nitriili	0.4	> 480	EN374-2, EN374-3, EN388	

Silmien ja kasvojen suojaus:

Tyyppi	Standardit	
Käytä suojalaseja, joissa on sivusuojat.	EN166	

KOHTA 9: FYSIKAALISET JA KEMIAALLISET OMINAISUUDET

9.1. Fysikaalisia ja kemiallisia perusominaisuuksia koskevat tiedot

Olomuoto:

Nestemäinen

Väri:

Ruskea

Haju / Hajukynnys (ppm):

Ominainen haju

pH:

ca. 1.6

Tiheys (g/cm³):

1,05 (20 °C)

Kinemaattinen viskositeetti:

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

Hiukkasten ominaisuudet:

Ei koske nesteitä.

Tilan muutos ja höyryt

Sulamis / jäätymispiste (°C):

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

Pehmenemispiste tai -alue (°C):

Ei koske nesteitä.

Kiehumispiste (°C):

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

Höyrynpaine:

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

Höyryn suhteellinen tiheys:

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

Hajoamislämpötila (°C):

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

Palo-ja räjähdysvaara

Leimahduspiste (°C):

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

Syttyvyys (°C):

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

Itsesyttymislämpötila (°C):

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

Räjähdyksrajat (% v/v):

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

Liukoisuus

Vesiliukoisuus:

Täysin liukeneva

Jakautumiskerroin: n-oktanolivesi (LogKow):

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

Rasvaliukoisuus (g/L):

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

9.2. Muut tiedot

Muut fysikaaliset ja kemialliset parametrit:

ND: 1.354

Hapettavat ominaisuudet:

Testaus merkityksetön tai ei mahdollinen tuotteen luonteen takia.

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

Säilytä alkuperäispakkauksessa.

10.6. Vaaralliset hajoamistuotteet

Lämpöhajaantuminen voi synnyttää syövyttäviä höyryjä.

KOHTA 11: MYRKYLLISYYTEEN LIITTYVÄT TIEDOT

11.1. Tiedot asetuksessa (EY) N:o 1272/2008 määritellyistä vaaraluokista

Välitön myrkyllisyys

Tuote/aineosa	D-Glucopyranose, oligomers, decyloctyl glycoside
Testimenetelmä:	OECD 401
Laji:	Rotta
Altistumisreitti:	Suun kautta
Testi:	LD50
Tulos:	> 5.000 mg/kg

Tuote/aineosa	D-Glucopyranose, oligomers, decyloctyl glycoside
Testimenetelmä:	OECD 402
Laji:	Kani
Altistumisreitti:	Ihon kautta
Testi:	LD50
Tulos:	> 2000 mg/L

Ihosoövyttävyyksi/ihöärsytys

Tuote/aineosa	D-Glucopyranose, oligomers, decyloctyl glycoside
Tulos:	Haittavaikutuksia ei havaittu (Ei ärsyttävä)

Voimakkaasti ihoa syövyttävää ja silmiä vaurioittavaa.

Vakava silmävaurio/silmä-ärsytys

Tuote/aineosa	D-Glucopyranose, oligomers, decyloctyl glycoside
Tulos:	Havaittu haittavaikutuksia (Vaurioittaa vakavasti silmiä)

Vaurioittaa vakavasti silmiä.

Hengitysteiden herkistyminen

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.

Elinöhtainen myrkyllisyys - kerta-altistuminen

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Elinöhtainen myrkyllisyys - toistuva altistuminen

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

Aspiraatiovaara

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

11.2. Tiedot muista vaaroista

Pitkäaikaisvaikutukset

Kudoksille tuhoisat vaikutukset: Tuote sisältää syövyttäviä aineita. Höyryn ja aerosolien sisäänhengittäminen voi vaurioittaa keuhkoja ja aiheuttaa ärsytystä ja kipua hengityselimissä sekä yskää. Syövyttävät aineet voivat aiheuttaa peruuttamattomia vahinkoja silmissä. Syövyttää ihoa.

Hormonitoimintaa häiritsevät ominaisuudet

Tämä seos/tuote ei sisällä aineita, joilla katsotaan olevan hormonitoimintaa häiritseviä ominaisuuksia terveydelle.

Muut tiedot

Ei tunneta.

KOHTA 12: TIEDOT VAARALLISUUDESTA YMPÄRISTÖLLE

12.1. Myrkyllisyys

Tuote/aineosa	D-Glucopyranose, oligomers, decyloctyl glycoside
Testimenetelmä:	DIN EN ISO 7346-2
Laji:	Kala, Brachydanio rerio
Testi:	LC50
Tulos:	> 100 mg/L

Tuote/aineosa	D-Glucopyranose, oligomers, decyloctyl glycoside
Testimenetelmä:	OECD 202
Laji:	Daphnia magna

Testi:	EC50
Tulos:	> 100 mg/L
Tuote/aineosa	D-Glucopyranose,oligomers,decyloctyl glycoside
Laji:	Scenedesmus subspicatus
Testi:	EC50
Tulos:	> 10 - 100 mg/L
Tuote/aineosa	D-Glucopyranose,oligomers,decyloctyl glycoside
Testimenetelmä:	OECD 209
Laji:	Pseudomonas putida
Testi:	EC0
Tulos:	> 100 mg/l mg/L
Tuote/aineosa	D-Glucopyranose,oligomers,decyloctyl glycoside
Testimenetelmä:	OECD 204
Laji:	Kala, Brachydanio rerio
Tulos:	> 1 - 10 mg/L
Tuote/aineosa	D-Glucopyranose,oligomers,decyloctyl glycoside
Testimenetelmä:	OECD 202
Laji:	Daphnia magna
Testi:	NOEC
Tulos:	> 1 - 10 mg/L

12.2. Pysyvyys ja hajoavuus

Tuote/aineosa	D-Glucopyranose,oligomers,decyloctyl glycoside
Johtopäätös:	Nopea biohajoavuus

Valmisteen sisältämä pinta-aktiivinen aine (aineet) täyttää pesuaineista annetun (EY):n asetuksen N:o 648/2004 mukaiset biologisen hajoavuuden kriteerit. Tiedot, jotka tukevat edellistä väittämää, pidetään jäsenmaiden toimivaltaisten viranomaisten saatavilla ja ne toimitetaan heille heidän pyynnöstään tai pesuainevalmistajan pyynnöstä.

12.3. Biokertyvyys

Saatavilla olevien tietojen perusteella luokituskriteerit eivät täyty.

12.4. Liikkuvuus maaperässä

Tietoja ei saatavilla.

12.5. PBT- ja vPvB-arvioinnin tulokset

Tämä seos/tuote ei sisällä aineita, jotka täyttäsivät PBT- ja/tai vPvB-aineiksi luokiteltavien aineiden kriteerit.

12.6. Hormonitoimintaa häiritsevät ominaisuudet

Tämä seos/tuote ei sisällä aineita, joilla katsotaan olevan hormonitoimintaa häiritseviä ominaisuuksia ympäristössä.

12.7. Muut haitalliset vaikutukset

Ei tunneta.

KOHTA 13: JÄTTEIDEN KÄSITTELYYN LIITTYVÄT NÄKÖKOHDAT

13.1. Jätteiden käsittelymenetelmät

Tämä tuote kuuluu vaarallisia jätteitä koskevan lainsäädännön piiriin. (*)

HP 8 - Syövyttävä

Hävitä sisältö/pakkaus vaarallisten jätteiden keräyspisteeseen.

Komission asetus (EU) N:o 1357/2014 jätteistä ja tiettyjen direktiivien kumoamisesta annetun Euroopan parlamentin ja neuvoston direktiivin 2008/98/EY liitteen III korvaamisesta.

Eurooppalainen jättekoodi:

20 01 29*

Pesu- ja puhdistusaineet, jotka sisältävät vaarallisia aineita

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	UN3265	SYÖVYTTÄVÄ NESTE, HAPAN, ORGAANINEN, N.O.S.	Luokka: 8 Lipukkeet: 8 Luokituskoodi: C3 	III	Ei	Rajoitetut määrät: 5 L Tunnelirajoituskoodi: (E) Katso alhaalta lisätietoja.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Pakkausryhmä

** Ympäristövaarat

Muuta

Tuote kuuluu vaarallisten aineiden kuljetusta koskevan lainsäädännön piiriin.

ADR / Katso taulukosta A, kohdasta 3.2.1 mahdolliset tiedot erityismääräyksistä, vaatimuksista tai varoituksista kuljetukseen liittyen. Katso kohdasta 5.4.3 kirjalliset ohjeet vahinkojen lieventämisestä kuljetuksen aikana sattuneiden tapaturmien tai onnettomuuksien yhteydessä.

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.

Tuotetta eivät saa käyttää ammattimaisesti alle 18-vuotiaat.

Erityiskoulutusta koskevat vaatimukset:

Ei erityisvaatimuksia.

SEVESO - Vaarallisten aineiden kategoriat / Nimetyt vaaralliset aineet:

Ei sovellettavissa.

Sisältöä koskevat merkinnät:

5% - 15%

· Ionittomat pinta-aktiiviset aineet

Muuta:

Valmisteen sisältämä pinta-aktiivinen aine (aineet) täyttää pesuaineista annetun (EY):n asetuksen N:o 648/2004 mukaiset biologisen hajoavuuden kriteerit. Tiedot, jotka tukevat edellistä väittämää, pidetään jäsenmaiden toimivaltaisten viranomaisten saatavilla ja ne toimitetaan heille heidän pyynnöstään tai pesuainevalmistajan pyynnöstä.

Lähteet:

Sosiaali- ja terveysministeriön asetus 188/2012 nuorille työntekijöille vaarallisten töiden esimerkkiluettelosta.

Euroopan parlamentin ja neuvoston asetus (EY) N:o 648/2004 pesuaineista.

Komission asetus (EU) N:o 1357/2014 jätteistä ja tiettyjen direktiivien kumoamisesta annetun Euroopan

parlamentin ja neuvoston direktiivin 2008/98/EY liitteen III korvaamisesta.
Euroopan parlamentin ja neuvoston asetus (EY) N:o 1272/2008 aineiden ja seosten luokituksista, merkinnöistä ja pakkaamisesta (CLP).
Euroopan parlamentin ja neuvoston asetus (EY) N:o 1907/2006 kemikaalien rekisteröinnistä, arvioinnista, lupamenettelyistä ja rajoituksista (REACH).

15.2. Kemikaaliturvallisuusarviointi

Ei

KOHTA 16: MUUT TIEDOT.

Kohdassa 3 mainitut H-lausekkeet täydellisessä sanamuodossaan

H290, Voi syövyttää metalleja.
H314, Voimakkaasti ihoa syövyttävää ja silmiä vaurioittavaa.
H315, Ärsyttää ihoa.
H318, Vaurioittaa vakavasti silmiä.
H319, Ärsyttää voimakkaasti silmiä.
H335, Saattaa aiheuttaa hengitysteiden ärsytystä.

Lyhenteet

ADN = Eurooppalainen sopimus koskien vaarallisten aineiden kansainvälistä sisävesikuljetuksista
ADR = Eurooppalainen sopimus vaarallisten aineiden maantiekuljetuksista
AS = Altistumisskenaario
ATE = Akuutin myrkyllisyyden estimaatti
BCF = Biologinen kertymistekijä
CAS = Kemikaalien tunnistenumerojärjestelmä
CLP = Asetus kemikaalien luokituksista, merkinnöistä ja pakkaamisesta [asetus (EU) No. 1272/2008]
KTA = Kemikaaliturvallisuusarviointi
KTR = Kemikaaliturvallisuusraportti
DNEL = Johdettu vaikutukseton altistumistaso
EINECS = Euroopan kaupallisessa käytössä olevien aineiden luettelo
EUH-lausekkeet = CLP-asetuksen lisävaaralausekkeet
EuPCS = Eurooppalainen tuoteluokitusjärjestelmä
EWC = Euroopan jäteluettelo
GHS = Kemikaalien yhdenmukaistettu luokitus- ja merkintäjärjestelmä
GWP = Ilmaston lämmitysvaikutuspotentiaali
HTP = Haitalliseksi tunnettu pitoisuus
IATA = Kansainvälinen ilmakuljetusliitto
IBC = Intermediate Bulk Container, IBC-kontti
IMDG = Vaarallisten aineiden merikuljetus
MARPOL = Kansainvälinen sopimusmeren pilaantumisen ehkäisemisestä 73/78, ("Marpol" = marine pollution)
OECD = Taloudellisen yhteistyön ja kehityksen järjestö
PBT = Hitaasti hajoava, biokertyvä ja myrkyllinen
PNEC = Arvioitu vaikutukseton pitoisuus
RID = Kansainväliset rautatiekuljetusmääräykset
RRN = REACH-rekisteröintinumero
SCL = Eriyinen pitoisuusraja
SVHC = Eriyistä huolta aiheuttava aine
STOT-SE = Elinkohtainen myrkyllisyys - toistuva altistuminen
STOT-RE = Elinkohtainen myrkyllisyys - kerta-altistuminen
YK = Yhdistyneet kansakunnat
UVCB = Koostumukseltaan tuntematon tai vaihteleva aine, kompleksi reaktiotuote tai biologinen materiaali
VOC = Haihtuvat orgaaniset yhdisteet
vPvB = Erittäin hitaasti hajoava ja erittäin voimakkaasti biokertyvä "

Lisätietoja

Seoksen terveysvaarojen luokitus on asetuksen (EY) N:o 1272/2008 (CLP) laskentamenetelmän mukainen.
Tuotteen ihosyövyttävyyden ja vakavan silmävaurion luokitus on asetuksen (EY) N:o 1272/2008 (CLP) pH-kriteerien mukainen.

Käyttöturvallisuustiedotteen on validoinut

Quality & Compliance

Muuta

Muutokset edelliseen merkittävään versioon (versionumeron ensimmäinen numero, kts. KTT:n kohta 1) merkitään sinisellä kolmiolla.

Tämän käyttöturvallisuustiedotteen tiedot koskevat vain kohdassa 1 mainittua tuotetta, eivätkä ne välttämättä koske käyttöä yhdessä muiden tuotteiden kanssa.

On suositeltavaa toimittaa tämä käyttöturvallisuustiedote tuotteen varsinaiselle käyttäjälle. Annettuja tietoja ei saa käyttää tuoteselosteena.

Maa-kieli: FI-fi

FICHE DE DONNÉES DE SÉCURITÉ

i.23 descaler foam

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

1.1. Identificateur de produit

Marque commerciale:

i.23 descaler foam

Identifiant unique de formulation (UFI):

E094-SY4R-6T7V-FTJ3

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:

12/02/2025

Version de la fiche de données de sécurité:

1.0

1.4. Numéro d'appel d'urgence

ORFILA: + 33 (0)1 45 42 59 59.

Ce numéro permet d'obtenir les coordonnées de tous les centres Anti-poison Français. Ces centres anti-poison et de toxicovigilance fournissent une aide médicale gratuite (hors coût d'appel), 24 heures sur 24 et 7 jours sur 7

Voir la rubrique 4 concernant les premiers secours.

RUBRIQUE 2: IDENTIFICATION DES DANGERS

Classée conformément au règlement (CE) n° 1272/2008 (CLP).

2.1. Classification de la substance ou du mélange

Skin Corr. 1; H314, Provoque de graves brûlures de la peau et de graves lésions des yeux.

Eye Dam. 1; H318, Provoque de graves lésions des yeux.

2.2. Éléments d'étiquetage

Pictogramme(s) de danger:



Mention d'avertissement:

Danger

Mention(s) de danger:

Provoque de graves brûlures de la peau et de graves lésions des yeux. (H314)

Conseil(s) de prudence:

Générales:

-

Précautions:

Ne pas respirer les vapeurs/brouillards. (P260)

Porter des un équipement de protection des yeux/des gants de protection. (P280)

Intervention:

EN CAS DE CONTACT AVEC LA PEAU (ou les cheveux): Enlever immédiatement tous les vêtements contaminés.

Rincer la peau à l'eau ou se doucher. (P303+P361+P353)

EN CAS DE CONTACT AVEC LES YEUX: Rincer avec précaution à l'eau pendant plusieurs minutes. Enlever les lentilles de contact si la victime en porte et si elles peuvent être facilement enlevées. Continuer à rincer.

(P305+P351+P338)

Appeler immédiatement un CENTRE ANTIPOISON/un médecin. (P310)

Stockage:

-

Élimination:

Éliminer le contenu/récipient conformément à la réglementation locale (P501)

Contient:

D-Glucopyranose,oligomers,decyloctyl glycoside

Autre étiquetage:

UFI : E094-SY4R-6T7V-FTJ3

Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents:

5% - 15%

· Agents de surface non ioniques

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
D-Glucopyranose,oligomers,decyloctyl glycoside	N° CAS : 68515-73-1 N° CE: REACH: N° index :	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	N° CAS : 506-89-8	1-3%	Skin Irrit. 2, H315	

	N° CE: 208-059-6 REACH: N° index :		Eye Irrit. 2, H319 STOT SE 3, H335	
hydroxyde de sodium soude caustique	N° CAS : 1310-73-2 N° CE: 215-185-5 REACH: 01-2119457892-27-XXXX N° index : 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

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

[19] UVCB = substances de composition inconnue ou variable, produits de réaction complexes ou matières biologiques.

RUBRIQUE 4: PREMIERS SECOURS

4.1. Description des mesures de premiers secours

Généralités:

En cas d'accident : Contactez un médecin ou l'hôpital, apportez l'étiquette ou bien la présente fiche de données de sécurité.

En cas de symptômes persistants ou en cas de doute concernant l'état de la personne blessée, faites appel à un médecin. Ne donnez jamais à boire de l'eau ou autre liquide à une personne ayant perdu connaissance.

Inhalation:

En cas de difficultés respiratoires ou d'irritation des voies respiratoires : Amenez la personne à l'air frais et gardez la personne sous surveillance.

Contact cutané:

Rincez la zone exposée à l'eau pendant une longue période - au moins 30 minutes. Il peut être nécessaire de rincer pendant plusieurs heures. Utilisez une température d'eau confortable (20-30 °C). Contactez le service antipoison/le médecin/l'hôpital pour obtenir des conseils supplémentaires sur le suivi et le traitement.

Retirez immédiatement les vêtements et chaussures contaminés. Lavez soigneusement avec de l'eau et du savon la peau qui a été en contact avec le produit. Des produits nettoyants domestiques peuvent être utilisés. N'utilisez PAS de produits solvants ou de diluants.

En cas d'irritation cutanée: consulter un médecin.

Contact visuel:

En cas de contact avec les yeux: Rincez aussitôt les yeux avec de grandes quantités d'eau (20-30 °C) pendant au moins 30 minutes et continuez jusqu'à ce que l'irritation cesse. Retirez les éventuelles lentilles de contact. Assurez-vous de bien rincer sous la paupière supérieure et sous la paupière inférieure. Faites aussitôt appel à un médecin. Consultez un médecin immédiatement et continuez de rincer pendant le trajet.

Ingestion:

En cas d'ingestion, contactez immédiatement un médecin. Donnez au blessé de l'eau à boire si la personne est consciente. N'essayez JAMAIS de faire vomir à moins que le médecin ne le recommande. Maintenez la tête tournée vers le bas de manière à ce que le vomi ne revienne pas dans la bouche et la gorge. Prévenez les chocs en gardant le blessé au chaud et au calme. Pratiquez la respiration artificielle si la respiration s'arrête. En cas d'évanouissement; mettez le blessé en position latérale de sécurité. Appelez une ambulance.

Brûlure:

Sans objet.

4.2. Principaux symptômes et effets, aigus et différés

Effets néfastes sur les tissus : ce produit contient des substances ayant des propriétés corrosives sur la peau.

L'inhalation de vapeurs ou d'aérosols peut produire des effets néfastes sur les poumons, irritations et brûlures dans les organes respiratoires ainsi que de la toux. Le contact cutané et le contact avec les yeux provoquent des effets irréversibles.

4.3. Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires

EN CAS d'exposition prouvée ou suspectée:

Consulter immédiatement un médecin.

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)

5.3. Conseils aux pompiers

Portez une combinaison d'intervention normale et une protection respiratoire complète afin d'éviter tout contact. Voir la rubrique 1 concernant numéro d'appel d'urgence.

RUBRIQUE 6: MESURES À PRENDRE EN CAS DE DISPERSION ACCIDENTELLE

6.1. Précautions individuelles, équipement de protection et procédures d'urgence

Évitez le contact direct avec le produit répandu.

Les zones contaminées peuvent être glissantes.

6.2. Précautions pour la protection de l'environnement

Ne déversez pas dans les lacs, les ruisseaux, les égouts, etc.

Tenir les personnes non autorisées éloignées du déversement.

6.3. Méthodes et matériel de confinement et de nettoyage

Contenez et collectez les déversements avec un matériau absorbant non combustible, par exemple du sable, de la terre, de la vermiculite ou de la terre de diatomées, et placez-les dans un récipient pour les éliminer conformément aux réglementations locales.

Nettoyez autant que possible avec des produits de nettoyage ordinaires. Évitez les solvants.

6.4. Référence à d'autres rubriques

Voir la rubrique 13 "Considérations relatives à l'élimination" sur la manipulation des déchets.

Voir la rubrique 8 "Contrôles de l'exposition/protection individuelle" pour les mesures de protection.

RUBRIQUE 7: MANIPULATION ET STOCKAGE

7.1. Précautions à prendre pour une manipulation sans danger

Éviter le contact direct avec le produit.

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 récipients ayant été ouverts doivent être refermés avec soin et maintenus en position verticale afin d'éviter les fuites.

Les compatibilités en matière de conditionnement:

Conserver uniquement dans l'emballage d'origine.

Conditions de stockage:

Sec, frais et bien ventilé

Matières incompatibles:

Conserver uniquement dans l'emballage d'origine.

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

D-Glucopyranose,oligomers,decyloctyl glycoside

Durée :	Voie d'exposition :	DNEL :
Effets systématiques à long terme - population globale	Cutanée	357000 mg/kg/jour
Effets systématiques à long terme - Travailleurs	Cutanée	595000 mg/kg/jour
Effets systématiques à long terme - population globale	Inhalation	124 mg/m ³
Effets systématiques à long terme - Travailleurs	Inhalation	420 mg/m ³
Effets systématiques à long terme - population globale	Orale	35.7 mg/kg/jour

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Voie d'exposition :	Durée d'exposition :	PNEC :
Eau de mer		17.6 µg/L
Eau douce		176 µg/L
Emission intermittente (eau douce)		270 µg/L
Installation de traitement des eaux usées		560 mg/L
Prédateurs		111.11 mg/kg
Sédiments en eau de marines		152 µg/kg
Sédiments en eau douce		1.516 mg/kg
Sol		654 µg/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:

S'assurer que les postes de rinçage oculaire et les douches de décontamination sont facilement accessibles. Suivez les précautions habituelles quand vous utilisez le produit. Évitez de respirer les vapeurs.

Mesures d'hygiène:

A chaque pause lors de l'utilisation du produit et une fois le travail terminé, les parties exposées du corps doivent être lavées. Porter une attention particulière aux mains, aux avant-bras et au visage.

Mesures pour la limitation de l'exposition à l'environnement:

Assurez-vous que des matériaux de retenue se trouvent à proximité du poste de travail. Collectez les déperditions si possible au cours du travail.

Mesures de protection individuelle, telles que les équipement de protection personnelle

Généralités:

Laver les vêtements contaminés avant réutilisation.

Utilisez exclusivement des équipements de protection comportant la marque CE.

Équipements respiratoires:

Type	Classe	Couleur	Normes	
Aucune protection respiratoire n'est requise en cas de ventilation adaptée				

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	
Caoutchouc nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Protection des yeux:

Type	Normes	
Porter des lunettes de sécurité avec protections latérales.	EN166	

RUBRIQUE 9: PROPRIÉTÉS PHYSIQUES ET CHIMIQUES

9.1. Informations sur les propriétés physiques et chimiques essentielles

Etat physique:

Liquide

Couleur:

Brun

Odeur / Seuil olfactif (ppm):

Caractéristique

pH:

ca. 1.6

Densité (g/cm³):

1,05 (20 °C)

Viscosité cinématique:

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Caractéristiques des particules:

Ne s'applique pas aux liquides.

Changement d'état

Point de fusion/point de congélation (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Le point/l'intervalle de ramollissement (°C):

Ne s'applique pas aux liquides.

Point d'ébullition (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Pression de vapeur:

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Densité de vapeur relative :

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Température de décomposition (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Informations concernant les risques d'explosion et d'incendie

Point d'éclair (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Inflammabilité (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Température d'auto-inflammation (°C):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Limite d'explosivité (% v/v):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Solubilité

Solubilité dans l'eau:

Complètement soluble

n-octanol/coefficient d'eau (LogKow):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

Solubilité dans la graisse (g/L):

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

9.2. Autres informations

D'autres paramètres physiques et chimiques:

ND: 1.354

Capacités oxydantes:

Aucune donnée pertinente ou disponible compte tenu de la nature du produit

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

Conserver uniquement dans l'emballage d'origine.

10.6. Produits de décomposition dangereux

La décomposition thermique peut produire des vapeurs corrosives.

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	D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai :	OCDE 401
Espèce :	Rat
Voie d'exposition :	Orale
Test :	DL50
Valeur :	> 5.000 mg/kg

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai :	OCDE 402
Espèce :	Lapin
Voie d'exposition :	Cutanée
Test :	DL50
Valeur :	> 2000 mg/L

Corrosion cutanée/irritation cutanée

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Valeur :	Aucun effet nocif observé (Non irritant)

Provoque de graves brûlures de la peau et de graves lésions des yeux.

Lésions oculaires graves/irritation oculaire

Produit/composant	D-Glucopyranose,oligomers,decyloctyl glycoside
Valeur :	Effets nocifs observés (Provoque de graves lésions des yeux)

Provoque de graves lésions des yeux.

Sensibilisation respiratoire

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

Effets néfastes sur les tissus : ce produit contient des substances ayant des propriétés corrosives sur la peau. L'inhalation de vapeurs ou d'aérosols peut produire des effets néfastes sur les poumons, irritations et brûlures dans les organes respiratoires ainsi que de la toux. Le contact cutané et le contact avec les yeux provoquent des effets irréversibles.

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 : D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai : DIN EN ISO 7346-2
Espèce : Poisson, Brachydanio rerio
Test : CL50
Valeur : > 100 mg/L

Produit/composant : D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai : OCDE 202
Espèce : Daphnia magna
Test : CE50
Valeur : > 100 mg/L

Produit/composant : D-Glucopyranose,oligomers,decyloctyl glycoside
Espèce : Scenedesmus subspicatus
Test : CE50
Valeur : > 10 - 100 mg/L

Produit/composant : D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai : OCDE 209
Espèce : Pseudomonas putida
Test : EC0
Valeur : > 100 mg/l mg/L

Produit/composant : D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai : OCDE 204
Espèce : Poisson, Brachydanio rerio
Valeur : > 1 - 10 mg/L

Produit/composant : D-Glucopyranose,oligomers,decyloctyl glycoside
Méthode d'essai : OCDE 202
Espèce : Daphnia magna
Test : CSEO
Valeur : > 1 - 10 mg/L

12.2. Persistance et dégradabilité

Produit/composant : D-Glucopyranose,oligomers,decyloctyl glycoside
Conclusion : Biodégradabilité facile

Le(s) agent(s) de surface contenu(s) dans cette préparation respecte(nt) les critères de biodégradabilité définis dans le règlement (CE) no 648/2004 relatif aux détergents. Les données prouvant cette affirmation sont tenues à la disposition des autorités compétentes des Etats Membres et leur seront fournies à leur demande expresse ou à la demande du producteur de détergents.

12.3. Potentiel de bioaccumulation

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

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 est couvert par la réglementation sur les déchets dangereux. (*)

HP 8 - Corrosif

Éliminer le contenu/réceptacle conformément à la réglementation locale.

Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.

Code CED:

20 01 29* Détergents contenant des substances dangereuses

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 informatio ns :
ADR	UN3265	LIQUIDE ORGANIQUE CORROSIF, ACIDE, N.S.A.	Classe: 8 Étiquettes: 8 Code de classification: C3 	III	Non	Quantités limitées: 5 L Code de restriction en tunnels: (E) Voir ci- dessous pour plus d'informati ons.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Groupe d'emballage

** Dangers pour l'environnement

Autre

Le produit est concerné par les conventions sur les marchandises dangereuses.

ADR / Voir tableau A, section 3.2.1 pour toute information sur les dispositions spéciales, les exigences ou les avertissements en rapport avec le transport. Voir la section 5.4.3, pour les instructions écrites concernant l'atténuation des dommages en cas d'incidents ou d'accidents pendant le transport.

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 jeunes de moins de 18 ans ne doivent pas être exposés au produit.

Demandes de formation spécifique:
Pas d'exigences particulières.

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

Étiquetage du contenu conformément au règlement (CE) no 648/2004 relatif aux détergents:
5% - 15%
· Agents de surface non ioniques

Autre:
Le(s) agent(s) de surface contenu(s) dans cette préparation respecte(nt) les critères de biodégradabilité définis dans le règlement (CE) no 648/2004 relatif aux détergents. Les données prouvant cette affirmation sont tenues à la disposition des autorités compétentes des Etats Membres et leur seront fournies à leur demande expresse ou à la demande du producteur de détergents.

Sources:
Ordonnance n° 2001-174 du 22 février 2001 relative à la transposition de la directive 94/33/CE du Conseil du 22 juin 1994 relative à la protection des jeunes au travail.
Règlement (CE) n° 648/2004 du Parlement européen et du Conseil du 31 mars 2004 relatif aux détergents.
Règlement (UE) n° 1357/2014 de la Commission du 18 décembre 2014 relative aux déchets.
Règlement (CE) n° 1272/2008 du Parlement européen et du Conseil du 16 décembre 2008 relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges (CLP).
Règlement (CE) n° 1907/2006 du Parlement européen et du Conseil du 18 décembre 2006 concernant l'enregistrement, l'évaluation et l'autorisation des substances chimiques, ainsi que les restrictions applicables à ces substances (REACH).

15.2. Évaluation de la sécurité chimique

Non

RUBRIQUE 16: AUTRES INFORMATIONS

Précisions sur les phrases H dont il est question dans la rubrique 3

H290, Peut être corrosif pour les métaux.
H314, Provoque de graves brûlures de la peau et de graves lésions des yeux.
H315, Provoque une irritation cutanée.
H318, Provoque de graves lésions des yeux.
H319, Provoque une sévère irritation des yeux.
H335, Peut irriter les voies respiratoires.

Abréviations et acronymes

ADN = Accord européen relatif au transport international des marchandises Dangereuses par voie de Navigation intérieure
ADR = L'Accord européen relatif au transport international des marchandises Dangereuses par Route
CAS = Chemical Abstracts Service
CE = Conformité Européenne
CVI = Conteneurs en Vrac Intermédiaires
CLP = Règlement 1272/2008/CE relatif à la classification, à l'étiquetage et à l'emballage des substances et des mélanges
COV = Composés Organiques Volatils
CPSE = Concentration Prédite Sans Effet
CSA = Evaluation de la Sécurité Chimique
CSR = Rapport sur la Sécurité Chimique
DMEL = Dose dérivée avec effet minimum
DNEL = Dose dérivée sans effet
ds = les déchets spéciaux
EINECS = Inventaire européen des substances chimiques commerciales existantes
ETA = Estimation de la Toxicité Aiguë
EuPCS = Système européen de catégorisation des produits
FBC = Facteur de Bioconcentration

Mention EUH = mention de danger spécifique CLP
IARC = Le Centre international de Recherche sur le Cancer (CIRC)
IATA = Association Internationale du Transport Aérien
code IMDG = code maritime international des marchandises dangereuses
LogK_{ow} = 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

La classification du mélange au regard des risques pour la santé est conforme aux méthodes de calcul fournies par le Règlement (CE) n° 1272/2008.
La classification du mélange au regard de la corrosion cutanée et des lésions oculaires graves est basée sur les critères de pH fournis par le Règlement (CE) n° 1272/2008

Validé par

Quality & Compliance

Autre

Les modifications par rapport à la dernière révision importante (premiers chiffres dans la fiche, voir rubrique 1) de cette fiche de données de sécurité sont repérées par un triangle.
Les informations de la présente fiche de données de sécurité sont seulement valables pour ce produit (indiqué à la rubrique 1) et ne sont pas nécessairement valables pour l'utilisation d'autres produits/produits chimiques.
Il est recommandé de donner cette fiche de données de sécurité à l'utilisateur effectif du produit. Les informations de ce document ne peuvent pas être utilisées comme spécification du produit.
Pays-langue : FR-fr

SAFETY DATA SHEET

i.23 descaler foam

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

1.1. Product identifier

Trade name:

i.23 descaler foam

Unique formula identifier (UFI):

E094-SY4R-6T7V-FTJ3

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:

12/02/2025

SDS Version:

1.0

1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 112 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.

Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

UFI: E094-SY4R-6T7V-FTJ3

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:

5% - 15%
· Non-ionic surfactants

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.: UK-REACH:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]

	Index No.:			
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6 UK-REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide;caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5 UK-REACH: Index No.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medic

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

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)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

Hazchem Code: 2X

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

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 direct contact with the product.

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

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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

D-Glucopyranose,oligomers,decyloctyl glycoside

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	357000 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	595000 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	124 mg/m ³
Long term – Systemic effects - Workers	Inhalation	420 mg/m ³
Long term – Systemic effects - General population	Oral	35.7 mg/kg bw/day

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		176 µg/L
Freshwater sediment		1.516 mg/kg
Intermittent release (freshwater)		270 µg/L
Marine water		17.6 µg/L
Marine water sediment		152 µg/kg
Predators		111.11 mg/kg
Sewage treatment plant		560 mg/L
Soil		654 µg/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:

Ensure that eyewash stations and safety showers are located within easy reach.

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

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.

Use only UKCA marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

Brown

Odour / Odour threshold:

Characteristic

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

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

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

Oxidizing properties:

No relevant or available data due to the nature of the product.

Other physical and chemical parameters:

ND: 1.354

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

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	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Result: > 5.000 mg/kg

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 402
 Species: Rabbit
 Route of exposure: Dermal
 Test: LD50
 Result: > 2000 mg/L

Skin corrosion/irritation

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Result: No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Result: Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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 D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 202
Species:	Daphnia magna
Test:	EC50
Result:	> 100 mg/L

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Species:	Scenedesmus subspicatus
Test:	EC50
Result:	> 10 - 100 mg/L

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 209
Species:	Pseudomonas putida
Test:	EC0
Result:	> 100 mg/l mg/L

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 204
Species:	Fish, Brachydanio rerio
Result:	> 1 - 10 mg/L

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 202
Species:	Daphnia magna
Test:	NOEC
Result:	> 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Conclusion:	Readily biodegradable

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

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

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 covered by the regulations on hazardous waste. (*)

HP 8 – Corrosive

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

20 01 29* Detergents containing dangerous substances

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

Hazchem Code: 2X

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.

People under the age of 18 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

Control of Major Accident Hazards (COMAH) - Categories / dangerous substances:

Not applicable.

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:

5% - 15%

· Non-ionic surfactants

Additional information:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources:

The Management of Health and Safety at Work Regulations 1999.
Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

Quality & Compliance

Other

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

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

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

Country-language: GB-en

ΔΕΛΤΙΟ ΔΕΔΟΜΕΝΩΝ ΑΣΦΑΛΕΙΑΣ

i.23 descaler foam

ΤΜΗΜΑ 1: ΑΝΑΓΝΩΡΙΣΤΙΚΌΣ ΚΩΔΙΚΌΣ ΟΥΣΊΑΣ/ΜΕΊΓΜΑΤΟΣ ΚΑΙ ΕΠΙΧΕΊΡΗΣΗΣ

1.1. Αναγνωριστικός κωδικός προϊόντος

Εμπορική ονομασία:

i.23 descaler foam

Μοναδικό κωδικό ταυτοποίησης τύπου (UFI):

E094-SY4R-6T7V-FTJ3

1.2. Συναφείς προσδιοριζόμενες χρήσεις της ουσίας ή του μείγματος και αντενδεικνυόμενες χρήσεις

Αντίστοιχες εξακριβωμένες χρήσεις της ουσίας ή του μείγματος:

Απορρυπαντικά και καθαριστικά (συμπεριλαμβανομένων των διαλυτικών)
Μόνο για επαγγελματική χρήση.

Αντενδεικνυόμενες:

καμία γνωστή.

1.3. Στοιχεία του προμηθευτή του δελτίου δεδομένων ασφαλείας

Εταιρεία και διεύθυνση:

Hygeniq B.V.

Postbus 618

7500 AP Enschede

The Netherlands

+31 53 4282860

+31 53 5393865

www.hygeniq.com

Ηλεκτρονική διεύθυνση:

info@hygeniq.com

Αναθεώρηση:

12/2/2025

Έκδοση SDS:

1.0

1.4. Αριθμός τηλεφώνου επείγουσας ανάγκης

Τηλ. Κέντρου Δηλητηριάσεων: (+30) 210 7793777 (24ωρο, 7 ημέρες την εβδομάδα) / Email:

poison_ic@aglaiakyriakou.gr

Δείτε τμήμα 4 "Μέτρα πρώτων βοηθειών"

ΤΜΗΜΑ 2: ΠΡΟΣΔΙΟΡΙΣΜΌΣ ΕΠΙΚΙΝΔΥΝΌΤΗΤΑΣ

Ταξινομημένη σύμφωνα με τον Κανονισμό (ΕΚ) No. 1272/2008 (CLP)

2.1. Ταξινόμηση της ουσίας ή του μείγματος

Skin Corr. 1; H314, Προκαλεί σοβαρά δερματικά εγκαύματα και οφθαλμικές βλάβες.

Eye Dam. 1; H318, Προκαλεί σοβαρή οφθαλμική βλάβη.

2.2. Στοιχεία ετικέτας

Εικονόγραμμα/εικονογράμματα κινδύνου:



Προειδοποιητική λέξη:

Κίνδυνος

Δήλωση (Δηλώσεις) κινδύνου:

Προκαλεί σοβαρά δερματικά εγκαύματα και οφθαλμικές βλάβες. (H314)

Δήλωση/δηλώσεις προφυλάξεων:

Γενικά:

-

Πρόληψη:

Μην αναπνέετε ατμούς/σταγονίδια. (P260)

Να φοράτε προστασία ματιών/προστατευτικά γάντια. (P280)

Αντίδραση:

ΣΕ ΠΕΡΙΠΤΩΣΗ ΕΠΑΦΗΣ ΜΕ ΤΟ ΔΕΡΜΑ (ή με τα μαλλιά): Βγάλτε αμέσως όλα τα μολυσμένα ρούχα. Ξεπλύνετε την επιδερμίδα με νερό ή στο ντους. (P303+P361+P353)

ΣΕ ΠΕΡΙΠΤΩΣΗ ΕΠΑΦΗΣ ΜΕ ΤΑ ΜΑΤΙΑ: Ξεπλύνετε προσεκτικά με νερό για αρκετά λεπτά. Αν υπάρχουν φακοί επαφής, αφαιρέστε τους, αν είναι εύκολο. Συνεχίστε να ξεπλένετε. (P305+P351+P338)

Καλέστε αμέσως το ΚΕΝΤΡΟ ΔΗΛΗΤΗΡΙΑΣΕΩΝ/γιατρό. (P310)

Αποθήκευση:

-

Απόρριψη:

Διάθεση του περιεχομένου/περιέκτη σε σύμφωνα με τους τοπικούς κανονισμούς (P501)

Ταυτότητα των ουσιών που είναι πρωταρχικά υπεύθυνες για τους μείζονες κινδύνους για την υγεία:

D-Glucopyranose, oligomers, decyloctyl glycoside

Επιπρόσθετος χαρακτηρισμός:

UFI: E094-SY4R-6T7V-FTJ3

Σήμανση περιεχομένου σύμφωνα με τον κανονισμό περί απορρυπαντικών 648/2004:

5% - 15%

· Μη ιονικές επιφανειοδραστικές ουσίες

2.3. Άλλοι κίνδυνοι

Επιπρόσθετες προειδοποιήσεις:

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρείται ότι πληρούν τα κριτήρια ταξινόμησης τους ως ABT και/ή αΑαB.

Το προϊόν δεν περιέχει ουσίες που αξιολογούνται ως ενδοκρινικοί διαταράκτες σύμφωνα με τα κριτήρια του κατ' εξουσιοδότηση κανονισμού (ΕΕ) 2017/2100 της Επιτροπής ή του κανονισμού (ΕΕ) 2023/707 της Επιτροπής.

ΤΜΗΜΑ 3: ΣΥΝΘΕΣΗ/ΠΛΗΡΟΦΟΡΪΕΣ ΓΙΑ ΤΑ ΣΥΣΤΑΤΙΚΑ

3.1. Ουσίες

Δεν εφαρμόζεται. Αυτό το προϊόν είναι ένα μείγμα.

3.2. Μείγματα

Όνομα ουσίας	Αναγνωριστικοί κωδικοί	% w/w	Ταξινόμηση	Σημειώσεις
D-Glucopyranose, oligomers, decyloctyl glycoside	Αριθ. CAS.: 68515-73-1 Αριθ. ΕΚ: REACH: Αριθ. ευρετηρίου:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]

Urea hydrochloride	Αριθ. CAS.: 506-89-8 Αριθ. ΕΚ: 208-059-6 REACH: Αριθ. ευρετηρίου:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
υδροξείδιο του νάτριου;Καυστική σόδα	Αριθ. CAS.: 1310-73-2 Αριθ. ΕΚ: 215-185-5 REACH: 01-2119457892-27-XXXX Αριθ. ευρετηρίου: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)

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

[19] Ο όρος UVCB = σημαίνει ουσίες άγνωστης ή ασταθούς σύνθεσης, προϊόντα πολύπλοκων αντιδράσεων ή βιολογικά υλικά.

ΤΜΗΜΑ 4: Μ'ΕΤΡΑ ΠΡ'ΩΤΩΝ ΒΟΗΘΕΙΩΝ

4.1. Περιγραφή των μέτρων πρώτων βοηθειών

Γενικές πληροφορίες:

Σε περίπτωση ατυχήματος: Επικοινωνήστε με έναν γιατρό ή με τις πρώτες βοήθειες και έχετε μαζί σας την ετικέτα ή αυτό το δελτίο δεδομένων ασφαλείας.

Επικοινωνήστε με έναν γιατρό εάν έχετε αμφιβολίες για την κατάσταση του τραυματία ή εάν τα συμπτώματα επιμένουν. Μην δίνετε ποτέ νερό ή άλλο υγρό σε αναίσθητο άτομο.

Εισπνοή:

Σε περίπτωση δυσκολιών ή ερεθισμών της αναπνευστικής οδού: Μεταφέρετε το επηρεασμένο άτομο στον καθαρό αέρα και παραμείνετε μαζί του/της.

Επαφή με το δέρμα:

Είναι σημαντικό να ξεπλύνετε για μεγάλο χρονικό διάστημα – τουλάχιστον 30 λεπτά. Μπορεί να χρειαστεί να ξεπλύνετε για αρκετές ώρες. Χρησιμοποιήστε μια άνετη θερμοκρασία νερού (20-30 °C). Επικοινωνήστε με τις Πληροφορίες Δηλητηριάσεων/ιατρό/νοσοκομείο για περαιτέρω συμβουλές σχετικά με την παρακολούθηση και τη θεραπεία.

Αφαιρέστε αμέσως το μολυσμένο ρουχισμό και τα υποδήματα. Βεβαιωθείτε ότι η περιοχή του δέρματος που έχει εκτεθεί στο υλικό, έχει πλυθεί καλά με νερό και σαπούνι. Μπορεί να χρησιμοποιηθεί προϊόν καθαρισμού για το δέρμα. ΜΗΝ χρησιμοποιείτε διαλύτες ή διαλυτικά μέσα.

Εάν παρατηρηθεί ερεθισμός του δέρματος: Συμβουλευθείτε/Επισκεφθείτε γιατρό.

Επαφή με τα μάτια:

ΣΕ ΠΕΡΙΠΤΩΣΗ ΕΠΑΦΗΣ ΜΕ ΤΑ ΜΑΤΙΑ: Ξεπλύνετε τα μάτια με άφθονο νερό ή αλατόνερο (20-30 °C) για τουλάχιστον 15 λεπτά και συνεχίστε μέχρι να σταματήσει ο ερεθισμός. Αφαιρέστε τυχόν φακούς επαφής. Βεβαιωθείτε ότι έχετε ξεπλύνει κάτω από τα άνω και κάτω βλέφαρα. Ζητήστε αμέσως ιατρική βοήθεια και συνεχίστε να ξεπλύνετε κατά τη μεταφορά.

Κατάποση:

Σε περίπτωση κατάποσης, επικοινωνήστε αμέσως με γιατρό. Εάν το άτομο έχει τις αισθήσεις του, δώστε του νερό. ΜΗΝ προσπαθήσετε να προκαλέσετε εμετό, εκτός εάν αυτό συνιστάται από γιατρό. Κρατήστε το κεφάλι προς τα κάτω για να αποτρέψετε την επιστροφή του εμετού στο στόμα και στο λαιμό. Αποτρέψτε το σοκ κρατώντας τον τραυματία ζεστό και ήρεμο. Ξεκινήστε αμέσως την ανάνηψη εάν σταματήσει η αναπνοή. Εάν έχει χάσει τις αισθήσεις του, κυλήστε τον τραυματία στη θέση ανάρρωσης. Καλέστε ένα ασθενοφόρο.

Εγκαύματα:

Δεν εφαρμόζεται

4.2. Σημαντικότερα συμπτώματα και επιδράσεις, άμεσες ή μεταγενέστερες

Καταστροφικές επιπτώσεις στους ιστούς: Αυτό το προϊόν περιέχει ουσίες με διαβρωτικές ιδιότητες για το δέρμα. Οι εισπνεόμενοι ατμοί ή αερολύματα μπορεί να προκαλέσουν δυσμενείς επιπτώσεις στους πνεύμονες, ερεθισμούς και εγκαύματα στα αναπνευστικά όργανα καθώς και βήχα. Η δερματική επαφή και η επαφή με τα μάτια προκαλούν μη αναστρέψιμα αποτελέσματα.

4.3. Ένδειξη οιασδήποτε απαιτούμενης άμεσης ιατρικής φροντίδας και ειδικής θεραπείας

ΣΕ ΠΕΡΙΠΤΩΣΗ έκθεσης ή πιθανής έκθεσης:

Συμβουλευθείτε/Επισκεφθείτε αμέσως γιατρό.

Ιατρικές πληροφορίες

Έχετε διαθέσιμο το δελτίο δεδομένων ασφαλείας ή την ετικέτα του προϊόντος.

ΤΜΗΜΑ 5: ΜΈΤΡΑ ΓΙΑ ΤΗΝ ΚΑΤΑΠΟΛΈΜΗΣΗ ΤΗΣ ΠΥΡΚΑΓΪΑΣ

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:

Οξειδία του άνθρακα (CO / CO₂).

5.3. Συστάσεις για τους πυροσβέστες

Φοράτε αυτόνομη αναπνευστική συσκευή και προστατευτικό ρουχισμό για να αποφύγετε την επαφή. Σε περίπτωση άμεσης έκθεσης επικοινωνήστε με το Εθνικό Κέντρο Δηλητηριάσεων για να λάβετε περαιτέρω συμβουλές.

ΤΜΗΜΑ 6: ΜΈΤΡΑ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΏΠΙΣΗ ΤΥΧΑΪΑΣ ΈΚΛΥΣΗΣ

6.1. Προσωπικές προφυλάξεις, προστατευτικός εξοπλισμός και διαδικασίες έκτακτης ανάγκης

Αποφύγετε απευθείας επαφή με τις ουσίες έκχυσης.

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, βερμικουλίτης, 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

Αποφύγετε απευθείας επαφή με το προϊόν.

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

Τα δοχεία που έχουν ανοιχτεί πρέπει να επανασφραγίζονται προσεκτικά και να διατηρούνται σε όρθια θέση για να αποφευχθεί η διαρροή.

Απαιτήσεις συσκευασίας:

Να διατηρείται μόνο στην αρχική συσκευασία.

Συνθήκες αποθήκευσης:

Ξηρό, δροσερό και με καλό αερισμό

Μη συμβατά υλικά:

Να διατηρείται μόνο στην αρχική συσκευασία.

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 ΠΡΟΣΤΑΣΪΑ

8.1. Παράμετροι ελέγχου

Το προϊόν δεν περιέχει καμία ουσία που περιλαμβάνεται στην Κυπριακή λίστα ουσιών με όρια έκθεσης στο χώρο εργασίας

DNEL (Παράγωγο επίπεδο χωρίς επιπτώσεις)

D-Glucopyranose, oligomers, decyloctyl glycoside

Διάρκεια:	Οδός έκθεσης:	DNEL:
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Δερματική	357000 mg/kg/ημέρα
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Δερματική	595000 mg/kg/ημέρα
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Εισπνοή	124 mg/m ³
Μακροπρόθεσμα - Συστημικές επιδράσεις - Υπάλληλοι	Εισπνοή	420 mg/m ³
Μακροπρόθεσμα - Συστημικές επιδράσεις - Γενικός πληθυσμός	Στοματική	35.7 mg/kg/ημέρα

PNEC (Προβλεπόμενη συγκέντρωση χωρίς επιπτώσεις)

D-Glucopyranose, oligomers, decyloctyl glycoside

Οδός έκθεσης:	Διάρκεια Έκθεσης:	PNEC:
Αρπακτικά		111.11 mg/kg
Γλυκό νερό		176 µg/L
Θαλασσινό νερό		17.6 µg/L
Ίζημα γλυκού νερού		1.516 mg/kg
Ίζημα θαλασσινού νερού		152 µg/kg
Περιοδική απελευθέρωση (Γλυκό νερό)		270 µg/L
Σταθμός Ενεργού Ιλύος		560 mg/L
Χώμα		654 µg/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:

Βεβαιωθείτε ότι οι σταθμοί πλύσης ματιών και τα ντους ασφαλείας βρίσκονται σε κοντινή απόσταση.

Εφαρμόστε τυπικές προφυλάξεις κατά τη χρήση του προϊόντος. Αποφύγετε την εισπνοή ατμών.

Μέτρα υγιεινής:

Μετά από τη χρήση του προϊόντος και στο τέλος της εργάσιμης ημέρας, όλες οι εκτεθειμένες περιοχές του σώματος πρέπει να πλένονται σχολαστικά. Να δίνετε ιδιαίτερη προσοχή στα χέρια, τους αντιβραχίονες και το πρόσωπο.

Μέτρα προς αποφυγή περιβαλλοντικής έκθεσης:

Κρατήστε τα υλικά απόφραξης κοντά στο χώρο εργασίας. Εάν είναι δυνατόν, συλλέξτε τη διαρροή κατά τη

διάρκεια της εργασίας.

Ξεχωριστά μέτρα προστασίας όπως ατομικός προστατευτικός εξοπλισμός

Γενικά:

Πλύνετε τα μολυσμένα ενδύματα πριν τα ξαναχρησιμοποιήσετε.
Χρησιμοποιείτε μόνο προστατευτικό εξοπλισμό με σήμανση CE.

Αναπνευστική συσκευή:

Τύπος	Κατηγορία	Χρώμα	Πρότυπα	
Δεν απαιτείται αναπνευστική προστασία σε περίπτωση επαρκούς αερισμού				

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	
Ελαστικό νιτριλίου	0.4	> 480	EN374-2, EN374-3, EN388	

Προστασία για τα μάτια:

Τύπος	Πρότυπα	
Γυαλιά ασφαλείας με πλαϊνά προστατευτικά.	EN166	

ΤΜΗΜΑ 9: ΦΥΣΙΚΈΣ ΚΑΙ ΧΗΜΙΚΈΣ ΙΔΙΌΤΗΤΕΣ

9.1. Στοιχεία για τις βασικές φυσικές και χημικές ιδιότητες

Φυσική κατάσταση:

Υγρό

Χρώμα:

Καφέ

Οσμή / Όριο οσμής (ppm):

Χαρακτηριστικό

pH:

ca. 1.6

Πυκνότητα (g/cm³):

1,05 (20 °C)

Κινηματικό ιξώδες:

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

Χαρακτηριστικά σωματιδίων:

Δεν εφαρμόζεται για υγρά.

Αλλαγές φάσης

Σημείο τήξεως/σημείο πήξεως (°C):

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

Σημείο/εύρος μαλάκυνσης (°C):

Δεν εφαρμόζεται για υγρά.

Σημείο βρασμού (°C):

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

Πίεση ατμού:

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

Σχετική πυκνότητα ατμών :

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

Θερμοκρασία αποσύνθεσης (°C):

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

Δεδομένα για τους κινδύνους πυρκαγιάς και έκρηξης

Σημείο ανάφλεξης (°C):

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

Ευφλεκτότητα (°C):

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

Θερμοκρασία αυτανάφλεξης (°C):

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

Όρια αναφλεξιμότητας (% v/v):

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

Διαλυτότητα

Διαλυτότητα στο νερό:

Πλήρως διαλυτή

Συντελεστής κατανομής σε n-οκτανόλη/νερό (LogKow):

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

Διαλυτότητα στο λίπος (g/L):

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

9.2. Άλλες πληροφορίες

Άλλες φυσικές και χημικές παράμετροι:

ND: 1.354

Ιδιότητες οξειδωσης:

Δεν υπάρχουν σχετικά ή διαθέσιμα δεδομένα λόγω της φύσης του προϊόντος.

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

Να διατηρείται μόνο στην αρχική συσκευασία.

10.6. Επικίνδυνα προϊόντα αποσύνθεσης

Η θερμική αποσύνθεση μπορεί να παράγει διαβρωτικούς ατμούς.

ΤΜΗΜΑ 11: ΤΟΞΙΚΟΛΟΓΙΚΈΣ ΠΛΗΡΟΦΟΡΊΕΣ

11.1. Πληροφορίες για τις τάξεις κινδύνου, όπως ορίζονται στον κανονισμό (ΕΚ) αριθ. 1272/2008

Οξεία τοξικότητα

Όνομα ουσίας	D-Glucopyranose, oligomers, decyloctyl glycoside
Μέθοδος ελέγχου:	ΟΟΣΑ 401
Είδος:	Επίμυς
Οδός έκθεσης:	Στοματική
Έλεγχος:	LD50
Αποτέλεσμα:	> 5.000 mg/kg

Όνομα ουσίας	D-Glucopyranose, oligomers, decyloctyl glycoside
Μέθοδος ελέγχου:	ΟΟΣΑ 402
Είδος:	Κουνέλι
Οδός έκθεσης:	Δερματική
Έλεγχος:	LD50
Αποτέλεσμα:	> 2000 mg/L

Διάβρωση και ερεθισμός του δέρματος*

Όνομα ουσίας	D-Glucopyranose, oligomers, decyloctyl glycoside
Αποτέλεσμα:	Δεν παρατηρήθηκαν δυσμενείς επιπτώσεις (Δεν προκαλεί ερεθισμό)

Προκαλεί σοβαρά δερματικά εγκαύματα και οφθαλμικές βλάβες.

Σοβαρή βλάβη/ερεθισμός των ματιών*

Όνομα ουσίας	D-Glucopyranose, oligomers, decyloctyl glycoside
Αποτέλεσμα:	Παρατηρήθηκαν δυσμενείς επιπτώσεις (Προκαλεί σοβαρή οφθαλμική βλάβη)

Προκαλεί σοβαρή οφθαλμική βλάβη.

Ευαισθητοποίηση του αναπνευστικού

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-επανεπιλημμένη 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

Καταστροφικές επιπτώσεις στους ιστούς; Αυτό το προϊόν περιέχει ουσίες με διαβρωτικές ιδιότητες για το δέρμα. Οι εισπνεόμενοι ατμοί ή αερολύματα μπορεί να προκαλέσουν δυσμενείς επιπτώσεις στους πνεύμονες, ερεθισμούς και εγκαύματα στα αναπνευστικά όργανα καθώς και βήχα. Η δερματική επαφή και η επαφή με τα μάτια προκαλούν μη αναστρέψιμα αποτελέσματα.

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	D-Glucopyranose, oligomers, decyloctyl glycoside
Μέθοδος ελέγχου:	DIN EN ISO 7346-2
Είδος:	Ψάρι, <i>Brachydanio rerio</i>
Έλεγχος:	LC50
Αποτέλεσμα:	> 100 mg/L

Όνομα ουσίας	D-Glucopyranose, oligomers, decyloctyl glycoside
Μέθοδος ελέγχου:	ΟΟΣΑ 202
Είδος:	<i>Daphnia magna</i>
Έλεγχος:	EC50
Αποτέλεσμα:	> 100 mg/L

Όνομα ουσίας	D-Glucopyranose, oligomers, decyloctyl glycoside
Είδος:	<i>Scenedesmus subspicatus</i>
Έλεγχος:	EC50
Αποτέλεσμα:	> 10 - 100 mg/L

Όνομα ουσίας	D-Glucopyranose, oligomers, decyloctyl glycoside
Μέθοδος ελέγχου:	ΟΟΣΑ 209
Είδος:	<i>Pseudomonas putida</i>
Έλεγχος:	EC0
Αποτέλεσμα:	> 100 mg/l mg/L

Όνομα ουσίας	D-Glucopyranose, oligomers, decyloctyl glycoside
Μέθοδος ελέγχου:	ΟΟΣΑ 204
Είδος:	Ψάρι, <i>Brachydanio rerio</i>
Αποτέλεσμα:	> 1 - 10 mg/L

Όνομα ουσίας	D-Glucopyranose, oligomers, decyloctyl glycoside
Μέθοδος ελέγχου:	ΟΟΣΑ 202
Είδος:	<i>Daphnia magna</i>
Έλεγχος:	NOEC
Αποτέλεσμα:	> 1 - 10 mg/L

12.2. Ανθεκτικότητα και ικανότητα αποικοδόμησης

Όνομα ουσίας	D-Glucopyranose, oligomers, decyloctyl glycoside
Συμπέρασμα:	Άμεση βιοαποδομησιμότητα

Τα τασιενεργά που περιέχονται στο συγκεκριμένο παρασκεύασμα συμμορφώνονται τα κριτήρια βιοδιασπασιμότητας τα οποία ορίζονται στον Κανονισμό (ΕΚ) Νο.648/2004 για απορρυπαντικά. Τα δεδομένα που υποστηρίζουν τη δήλωση αυτή βρίσκονται στη διάθεση των αρμοδίων Αρχών των Κρατών Μελών και θα παρέχονται σε αυτές κατόπιν αμέσου αιτήματός τους ή κατόπιν αιτήματος του κατασκευαστή του απορρυπαντικού .

12.3. Δυνατότητα βιοσυσσώρευσης

Βάσει των διαθέσιμων δεδομένων, τα κριτήρια ταξινόμησης δεν πληρούνται.

12.4. Κινητικότητα στο έδαφος

Δεν υπάρχουν διαθέσιμα δεδομένα.

12.5. Αποτελέσματα της αξιολόγησης ABT και αΑαB

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρείται ότι πληρούν τα κριτήρια ταξινόμησης τους ως ABT και/ή αΑαB.

12.6. Ιδιότητες ενδοκρινικής διαταραχής

Αυτό το μείγμα/προϊόν δεν περιέχει ουσίες που θεωρούνται ότι έχουν ιδιότητες ενδοκρινικής διαταραχής σε σχέση με το περιβάλλον.

12.7. Άλλες αρνητικές επιπτώσεις

καμία γνωστή.

ΤΜΗΜΑ 13: ΣΤΟΙΧΕΪΑ ΣΧΕΤΙΚΆ ΜΕ ΤΗ ΔΙ΄ΑΘΕΣΗ

13.1. Μέθοδοι διαχείρισης αποβλήτων

Το προϊόν καλύπτεται από τους κανονισμούς για τα επικίνδυνα απόβλητα. (*)

HP 8 - Διαβρωτικό

Η δοκιμή δεν είναι σχετική ή δεν είναι δυνατή λόγω της φύσης του προϊόντος.

Κανονισμός (ΕΕ) αριθ. 1357/2014 ΤΗΣ ΕΠΙΤΡΟΠΗΣ της 18ης Δεκεμβρίου 2014 για τα απόβλητα.

Κωδικός ΕΚΑ:

20 01 29*

απορρυπαντικά που περιέχουν επικίνδυνες ουσίες

Μολυσμένη συσκευασία

Συσκευασίες που περιέχουν υπολείμματα από το προϊόν πρέπει να διατίθενται με τον ίδιο τρόπο όπως το προϊόν.

ΤΜΗΜΑ 14: ΠΛΗΡΟΦΟΡΪΕΣ ΣΧΕΤΙΚΆ ΜΕ ΤΗ ΜΕΤΑΦΟΡΆ

	14.1 UN No	14.2 Κατάλληλη ονομασία αποστολής	14.3 Κλάση(εις) κινδύνου	14.4 PG*	14.5. Env**	Άλλες πληροφορ ίες:
ADR	UN3265	ΔΙΑΒΡΩΤΙΚΑΥΓΡΑ, ΟΞΙΝΑ ΟΡΓΑΝΙΚΑ, Ε.Α.Ο.	Κλάση: 8 Ετικέτες: 8 Κωδικός Ταξινόμησης: C3 	III	Όχι	Περιορισμέ νες ποσότητες: 5 L Κατηγορία μεταφοράς: (E) Βλέπε παρακάτω για πρόσθετες πληροφορί ες.
IMDG	-	-	-	-	-	-
ΙΑΤΑ	-	-	-	-	-	-

* Ομάδα συσκευασίας

** Περιβαλλοντικοί κίνδυνοι

Επιπρόσθετες πληροφορίες

Αυτό το προϊόν εμπίπτει στο πεδίο εφαρμογής των κανονισμών μεταφοράς επικίνδυνων εμπορευμάτων.

ADR / Βλ. Πίνακα Α, Ενότητα 3.2.1 για οποιαδήποτε πληροφορία σχετικά με ειδικές διατάξεις, απαιτήσεις ή προειδοποιήσεις σε σχέση με τη μεταφορά. Βλέπε ενότητα 5.4.3, για γραπτές οδηγίες σχετικά με τον μετριάσμο των ζημιών σε σχέση με περιστατικά ή ατυχήματα κατά τη μεταφορά.

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: ΣΤΟΙΧΕΪΑ ΝΟΜΟΘΕΤΙΚΟΎ ΧΑΡΑΚΤ΄ΗΡΑ

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.

Άτομα κάτω των 18 ετών δεν πρέπει να εκτίθενται σε αυτό το προϊόν.

Απαιτήσεις για συγκεκριμένη εκπαίδευση:

Δεν υπάρχουν συγκεκριμένες απαιτήσεις

SEVESO - ΚΑΤΗΓΟΡΊΕΣ ΚΙΝΔΎΝΟΥ / ΚΑΤΟΝΟΜΑΖΌΜΕΝΕΣ ΕΠΙΚΊΝΔΥΝΕΣ ΟΥΣΊΕΣ:

Δεν εφαρμόζεται

Σήμανση περιεχομένου σύμφωνα με τον κανονισμό περί απορρυπαντικών 648/2004:

5% - 15%

· Μη ιονικές επιφανειοδραστικές ουσίες

Επιπρόσθετες πληροφορίες:

Τα τασιενεργά που περιέχονται στο συγκεκριμένο παρασκεύασμα συμμορφώνονται τα κριτήρια βιοδιασπασιμότητας τα οποία ορίζονται στον Κανονισμό (ΕΚ) Νο.648/2004 για απορρυπαντικά. Τα δεδομένα που υποστηρίζουν τη δήλωση αυτή βρίσκονται στη διάθεση των αρμοδίων Αρχών των Κρατών Μελών και θα παρέχονται σε αυτές κατόπιν αμέσου αιτήματός τους ή κατόπιν αιτήματος του κατασκευαστή του απορρυπαντικού .

Πηγές:

Οδηγία 94/33/ΕΚ του Συμβουλίου της 22ας Ιουνίου 1994 για την προστασία των νέων κατά την εργασία.

Κανονισμός (ΕΚ) αριθ. 648/2004 του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου, της 31ης Μαρτίου 2004, σχετικά με τα απορρυπαντικά.

Κανονισμός (ΕΕ) αριθ. 1357/2014 ΤΗΣ ΕΠΙΤΡΟΠΗΣ της 18ης Δεκεμβρίου 2014 για τα απόβλητα.

Κανονισμός (ΕΚ) αριθ. 1272/2008 του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου, της 16ης Δεκεμβρίου 2008, για την ταξινόμηση, την επισήμανση και τη συσκευασία των ουσιών και των μειγμάτων (CLP).

Κανονισμός (ΕΚ) αριθ. 1907/2006 του Ευρωπαϊκού Κοινοβουλίου και του Συμβουλίου, της 18ης Δεκεμβρίου 2006, για την καταχώριση, την αξιολόγηση, την αδειοδότηση και τους περιορισμούς των χημικών προϊόντων (REACH).

15.2. Αξιολόγηση χημικής ασφάλειας

Όχι

ΤΜΗΜΑ 16: ΆΛΛΕΣ ΠΛΗΡΟΦΟΡΊΕΣ

Πλήρες κείμενο των Δηλώσεων κινδύνων (H Statements) όπως αναφέρεται στο τμήμα 3

H290, Μπορεί να διαβρώσει μέταλλα.

H314, Προκαλεί σοβαρά δερματικά εγκαύματα και οφθαλμικές βλάβες.

H315, Προκαλεί ερεθισμό του δέρματος.

H318, Προκαλεί σοβαρή οφθαλμική βλάβη.

H319, Προκαλεί σοβαρό οφθαλμικό ερεθισμό.

H335, Μπορεί να προκαλέσει ερεθισμό της αναπνευστικής οδού.

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 (ABT) = Ανθεκτικά, Βιοσυσσωρεύσιμα και Τοξικά
PNEC = Προβλεπόμενη Συγκέντρωση Χωρίς Επιπτώσεις
RID = Κανονισμοί για τις Διεθνείς Σιδηροδρομικές Μεταφορές Επικίνδυνων Εμπορευμάτων
RRN = Αριθμός Καταχώρισης REACH
SCL = Ειδικό Όριο Συγκέντρωσης
SVHC = Ουσίες που Προκαλούν Πολύ Μεγάλη Ανησυχία
STOT-RE = Ειδική τοξικότητα οργάνου-στόχου - Επανεπιλημμένη 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

Η ταξινόμηση της ουσίας/του μείγματος όσον αφορά τους κινδύνους για την υγεία είναι σύμφωνα με τις μεθόδους υπολογισμού που αναφέρονται στον Κανονισμό (ΕΚ) αριθ. 1272/2008 (CLP).

Η ταξινόμηση της ουσίας/του μείγματος όσον αφορά τη διάβρωση του δέρματος και τις σοβαρές οφθαλμικές βλάβες βασίζεται στο κριτήριο του pH που αναφέρεται στον Κανονισμό (ΕΚ) αριθ. 1272/2008 (CLP).

Το φυλλάδιο δεδομένων ασφαλείας επικυρώνεται από

Quality & Compliance

Άλλα

Μια αλλαγή (αναφορικά με την τελευταία σημαντική αλλαγή) επισημαίνεται με ένα τρίγωνο.

Οι πληροφορίες σε αυτό το δελτίο δεδομένων ασφαλείας ισχύουν μόνο για το συγκεκριμένο προϊόν (αναφέρεται στην ενότητα 1) και δεν είναι απαραίτητα σωστές για χρήση με άλλα χημικά/προϊόντα.

Συνιστάται να παραδώσετε αυτό το δελτίο δεδομένων ασφαλείας στον ίδιο τον χρήστη του προϊόντος. Οι πληροφορίες σε αυτό το δελτίο δεδομένων ασφαλείας δεν μπορούν να χρησιμοποιηθούν ως προδιαγραφές προϊόντος.

Χώρα-γλώσσα: GR-el

SIGURNOSNO-TEHNIČKOG LISTA

i.23 descaler foam

ODJELJAK 1.: IDENTIFIKACIJA TVARI/SMJESE I PODACI O TVRTKI/PODUZECU

1.1. Identifikacijska oznaka proizvoda

Tržišni naziv:

i.23 descaler foam

Jedinstveni identifikator formule (UFI):

E094-SY4R-6T7V-FTJ3

1.2. Relevantne identificirane uporabe stvari ili smjese i uporabe koje se ne preporučuju

Relevantne identificirane namjene stvari ili smjese:

Deterdženti i sredstva za čišćenje (uključujući one na bazi otapala)
Samo za profesionalne korisnike.

Namjene koje se ne preporučuju:

Nitko poznat.

1.3. Podaci o dobavljaču koji isporučuje sigurnosno-tehnički list

Kompanija i adresa:

Hygeniq B.V.

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

E-mail:

info@hygeniq.com

Izmjena:

12. 02. 2025.

SDS inacica:

1.0

1.4. Broj telefona za izvanredna stanja

CKO - Centar za kontrolu otrovanja, TEL: +3851 2348 342

Pogledajte Odjeljak 4: "Mjere prve pomoći"

ODJELJAK 2.: IDENTIFIKACIJA OPASNOSTI

Klasifikovano prema Uredbi (EC) br. 1272/2008 (CLP).

2.1. Razvrstavanje stvari ili smjese

Skin Corr. 1; H314, Uzrokuje teške opekline kože i ozljede oka.

Eye Dam. 1; H318, Uzrokuje teške ozljede oka.

2.2. Elementi označavanja

Piktogrami opasnosti:



Signal:

Opasnost

Izjave o opasnostima:

Uzrokuje teške opekline kože i ozljede oka. (H314)

Izjave o sigurnosti:

Opcenito:

-

Prevenција:

Ne udisati isparenja/maglica. (P260)

Nositi zaštita za oči/zaštitne rukavice. (P280)

Reakcija:

U SLUČAJU DODIRA S KOŽOM (ili kosom): odmah skinuti svu zagađenu odjeću. Isprati kožu vodom ili tuširanjem. (P303+P361+P353)

U SLUČAJU DODIRA S OČIMA: oprezno ispirati vodom nekoliko minuta. Ukloniti kontaktne leće ako ih nosite i ako se one lako uklanjaju. Nastaviti ispirati. (P305+P351+P338)

Odmah nazvati CENTAR ZA KONTROLU OTROVANJA/liječnika. (P310)

Skladištenje:

-

Odlaganje:

Odložiti sadržaj/spremnik u skladu s lokalnim propisima. (P501)

Identifikacija tvari koje su primarno odgovorne za veće opasnosti po zdravlje:

D-Glucopyranose,oligomers,decyloctyl glycoside

Dodatno označavanje:

UFI: E094-SY4R-6T7V-FTJ3

Označavanje sadržaja prema Pravilniku o deterdžentima 648/2004:

5% - 15%

· Neionski surfaktanti

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	Nazna ke
D-Glucopyranose,oligomers,decyloctyl glycoside	CAS br.: 68515-73-1 EZ br.: REACH: Indeksni br.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS br.: 506-89-8	1-3%	Skin Irrit. 2, H315	

	EZ br.: 208-059-6 REACH: Indeksni br.:		Eye Irrit. 2, H319 STOT SE 3, H335
natrijev hidroksid;kaustična soda	CAS br.: 1310-73-2 EZ br.: 215-185-5 REACH: 01-2119457892-27-XXXX Indeksni br.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)

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

[19] UVCB = Su tvari nepoznatog ili promjenljivog sastava, složeni reakcijski proizvodi ili biološki materijali.

ODJELJAK 4.: MJERE PRVE POMOCI

4.1. Opis mjera prve pomoci

Opće informacije:

U slučaju nezgode: Kontaktirajte liječnika ili službu za zbrinjavanje nesrećenih, a sa sobom ponesite etiketu s proizvoda ili ovaj sigurnosno-tehnički list.

Kontaktirajte liječnika ako niste sigurni kakvo je stanje izložene osobe ili ako ne dođe do povlačenja simptoma. Osobi koja nije pri svijesti nikada nemojte davati da pije vodu ili nešto slično.

Udisanje:

Nakon poteškoća u disanju ili iritacija dišnih putova: Osobu izvedite na svjež zrak i ostanike uz nju.

Kontakt s kožom:

Dugotrajno ispirajte izloženo područje vodom - najmanje 30 minuta. Možda će biti potrebno ispirati nekoliko sati. Koristite ugodnu temperaturu vode (20-30 °C). Kontaktirajte Informacije o otrovima/liječnika/bolnicu za daljnje savjete o praćenju i liječenju.

Odmah skinite kontaminiranu odjeću i obuću. Koža koja je došla u kontakt s materijalom mora se dobro oprati vodom i sapunom. Mogu se koristiti sredstva za čišćenje kože. NEMOJTE koristiti otapala ili razrjeđivače.

U slučaju nadražaja kože: zatražiti savjet/pomoć liječnika.

Kontakt s očima:

U slučaju dodira s očima: Oči ispirajte s dosta vode ili fiziološke otopine (20-30 °C) tijekom najmanje 30 minuta, dok se iritacija ne povuče. Izvadite kontaktne leće. Pazite da isperete oči i ispod gornjih i donjih kapaka. Odmah potražite medicinsku pomoć, a tijekom transporta nastavite ispiranje.

Gutanje:

U slučaju gutanja, odmah kontaktirajte liječnika. Ako je osoba pri svijesti, dajte joj piti vode. NEMOJTE pokušavati izazvati povraćanje, osim ako to ne preporuča liječnik. Glavu držite licem okrenutim prema dolje, kako ne bi došlo do vraćanja povraćenog sadržaja u usta i grlo. Spriječite razvoj stanja šoka tako što ćete povrijeđenu osobu utopiti i smirivati. Ako dođe do prestanka disanja, primijenite postupak oživljavanja disanjem usta na usta. Ako osoba nije pri svijesti, osobu okrenite na bok, a gornju nogu savijte u koljenu i kuku. Pozovite službu hitne pomoći.

Opekline:

Nije primjenljivo.

4.2. Najvažniji simptomi i ucinci, akutni i odgođeni

Oštećenje tkiva: Ovaj proizvod sadrži nagrizajuće tvari. Udisanje isparenja ili aerosola može uzrokovati oštećenje pluća, iritaciju i opekline dišnih organa, kao i kašalj. Nagrizajuće tvari uzrokuju ireverzibilna oštećenja očiju i kiselinske opekline kože.

4.3. Navod o slučaju potrebe za hitnom liječnickom pomoci i posebnom obradom

U SLUČAJU izloženosti ili sumnje na izloženost:

Hitno zatražiti savjet/pomoć liječnika

Informacije za zdravstveno osoblje

Ponesite ovaj sigurnosno-tehnički list ili etiketu s materijala.

ODJELJAK 5.: MJERE GAŠENJA 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 odvođe ili u druge 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)

5.3. Savjeti za gasitelje požara

Kako biste izbjegli kontakt s tvari, nosite samostalni uređaj za disanje i zaštitno odijelo.

ODJELJAK 6.: MJERE KOD SLUCAJNOG ISPUŠTANJA

6.1. Osobne mjere opreza, zaštitna oprema i postupci za izvanredna stanja

Izbjegavajte direktni kontakt s prosutom tvari.

Kontaminirani prostor može biti sklizak.

6.2. Mjere zaštite okoliša

Izbjegavajte izlivanje tvari u jezera, riječne tokove, kanalizacijske odvođe i slično.

Držite neovlaštene osobe dalje od izlivanja

6.3. Metode i materijal za sprecavanje širenja i čišćenje

Zadržite i sakupite prolivenu tekućinu nezapaljivim, upijajućim materijalom npr. pijeskom, zemljom, vermikulitom ili dijatomejskom zemljom i stavite u spremnik za odlaganje u skladu s lokalnim propisima.

Koliko god je to moguće, čišćenje treba obavljati pomoću uobičajenih sredstava za čišćenje. Treba izbjegavati uporabu otapala.

6.4. Uputa na druge odjeljke

Pogledajte odjeljak o 13 "Zbrinjavanje", koji se odnosi na rukovanje otpadom.

Informacije o mjerama zaštite potražite u odjeljku o 8 'Nadzor nad izloženošću/osobna zaštita'.

ODJELJAK 7.: RUKOVANJE I SKLADIŠTENJE

7.1. Mjere opreza za sigurno rukovanje

Izbjegavajte direktni kontakt s proizvodom.

U radnim prostorijama nije dopušteno pušenje, konzumiranje hrane ili napitaka, kao ni čuvanje duhanskih proizvoda, hrane ili napitaka.

Informacije o osobnoj zaštiti potražite u odjeljku o 'Nadzor nad izloženošću/osobna zaštita'.

7.2. Uvjeti sigurnog skladištenja, uzimajući u obzir moguće inkompatibilnosti

Otvoreni spremnici moraju se pažljivo ponovno hermetički zatvoriti i čuvati uspravno kako bi se spriječilo curenje.

Kompatibilnost ambalaže:

Čuvati samo u originalnom pakiranju.

Uvjeti skladištenja:

Suho, hladno i dobro prozračeno

Inkompatibilni materijali:

Čuvati samo u originalnom pakiranju.

7.3. Posebna krajnja uporaba ili uporabe

Ovaj proizvod treba se koristiti isključivo za namjene navedene u odjeljak 1.2.

ODJELJAK 8.: NADZOR NAD IZLOŽENOŠĆU/OSOBNJA ZAŠTITA

8.1. Nadzorni parametri

Proizvod ne sadrži nikakve tvari navedene u Hrvatskom popisu tvari s radnim ograničenjem izlaganja.

DNEL

D-Glucopyranose, oligomers, decyloctyl glycoside

Trajanje:	Način izlaganja:	DNEL:
Dugoročno-Sustavni učinci-Opća populacija	Oralno	35.7 mg/kg bw/day
Dugoročno-Sustavni učinci-Opća populacija	Preko kože	357000 mg/kg bw/day
Dugoročno-Sustavni učinci-Radnici	Preko kože	595000 mg/kg bw/day
Dugoročno-Sustavni učinci-Opća populacija	Udisanje	124 mg/m ³
Dugoročno-Sustavni učinci-Radnici	Udisanje	420 mg/m ³

PNEC

D-Glucopyranose, oligomers, decyloctyl glycoside

Način izlaganja:	Trajanje izloženosti:	PNEC:
Morska voda		17.6 µg/L
Postrojenje za tretiranje otpadne vode		560 mg/L
Povremeno ispuštanje (slatka voda)		270 µg/L
Predators		111.11 mg/kg
Sediment morske vode		152 µg/kg
Slatka voda		176 µg/L
Slatkovodni sediment		1.516 mg/kg
Tlo		654 µg/kg

8.2. Nadzor nad izloženosti

Izvršite opću kontrolu kako biste spriječili nepotrebno izlaganje.

Opće preporuke:

U radnim prostorijama nije dopušteno pušenje, konzumiranje hrane ili napitaka, kao ni čuvanje duhanskih proizvoda, hrane ili napitaka.

Uvjeti pri izlaganju:

Za ovaj proizvod nisu implementirani scenariji izloženosti.

Ograničenja vezana uz izlaganje:

Ne postoje maksimalne granice koje se odnose na izlaganje tvarima koje su sadržane u ovom proizvodu.

Odgovarajuće tehničke mjere:

Osigurajte da su stanice za ispiranje očiju i sigurnosni tuševi na dohvata ruke. Primijenite standardne mjere opreza tijekom uporabe proizvoda. Izbjegavati udisanje para.

Higijenske mjere:

Kad god pravite stanku tijekom uporabe ovog proizvoda, kao i kada završite s uporabom, sve izložene dijelove tijela morate oprati. Obratite posebnu pozornost na ruke, podlaktice i lice.

Mjere opreza za izbjegavanje zagađenja okoliša:

Spriječite širenje materijala dalje od radnog mjesta. Ako je to moguće, prosutu tvar sakupljajte tijekom rada.

Osobne mjere zaštite kao što je osobna zaštitna oprema

Opcenito:

Oprati zagađenu odjeću prije ponovne uporabe. Koristite isključivo zaštitnu opremu s oznakom CE.

Oprema za disanje:

Tip	Klasa	Boje	Norme	
Zaštita dišnog sustava nije potrebna u slučaju odgovarajuće ventilacije				

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	
Nitrilna guma	0.4	> 480	EN374-2, EN374-3, EN388	

Oci:

Tip	Norme	
Nosite sigurnosne naočale s bočnim štitnicima.	EN166	

ODJELJAK 9.: FIZIKALNA I KEMIJSKA SVOJSTVA

9.1. Informacije o osnovnim fizikalnim i kemijskim svojstvima

Oblik:

Tekućina

Boje:

Braon

Miris / Prag mirisa (ppm):

Karakterističan

pH:

ca. 1.6

Gustoca (g/cm³):

1,05 (20 °C)

Kinematička viskoznost:

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

Svojstva čestica:

Ne primjenjuje se na tekućine.

Izmjene faza

talište/ledište (°C):

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

Točka/raspon temperatura pri kojima dolazi do omekšavanja (°C):

Ne primjenjuje se na tekućine.

Točka ključanja (°C):

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

Tlak isparenja:

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

relativna gustoća pare:

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

Temperatura raspada (°C):

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

Podaci o opasnostima od požara i eksplozije

Točka zapaljenja (°C):

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

Zapaljivost (°C):

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

Temperatura samozapaljenja (°C):

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

Eksplozivni prag (Vol %):

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

Topljivost

Topljivost u vodi:

Potpuno topiva

n-oktanol/vodeni koeficijent (LogKow):

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

Topljivost u masnoci (g/L):

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

9.2. Ostale informacije

Drug fizikalni i kemijski parametri:

ND: 1.354

Oksidirajuća svojstva:

Nema relevantnih ili dostupnih podataka zbog prirode proizvoda

ODJELJAK 10.: STABILNOST I REAKTIVNOST

10.1. Reaktivnost

Podaci nisu dostupni.

10.2. Kemijska stabilnost

Proizvod je stabilan pod uvjetima koji su navedeni u odjeljku 7 "Rukovanje i skladištenje".

10.3. Mogućnost opasnih reakcija

Nitko poznat.

10.4. Uvjeti koje treba izbjegavati

Nitko poznat.

10.5. Inkompatibilni materijali

Čuvati samo u originalnom pakiranju.

10.6. Opasni proizvodi raspadanja

Toplinska razgradnja može proizvesti korozivne pare

ODJELJAK 11.: TOKSIKOLOŠKE INFORMACIJE

11.1. Informacije o razredima opasnosti kako su definirani u Uredbi (EZ) br. 1272/2008

Autna toksičnost

Proizvod/sastojak	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda ispitivanja:	OECD 401
Vrste:	Štakor
Način izlaganja:	Oralno

Test: LD50
Rezultat: > 5.000 mg/kg

Proizvod/sastojak: D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda ispitivanja: OECD 402
Vrste: Kunić
Način izlaganja: Preko kože
Test: LD50
Rezultat: > 2000 mg/L

Nagrivanje/iritacija kože

Proizvod/sastojak: D-Glucopyranose, oligomers, decyloctyl glycoside
Rezultat: Nisu uočeni štetni učinci (Nije iritantno)

Uzrokuje teške opekline kože i ozljede oka.

Ozbiljno oštećenje/iritacija oka

Proizvod/sastojak: D-Glucopyranose, oligomers, decyloctyl glycoside
Rezultat: Uočeni štetni učinci (Uzrokuje teške ozljede oka)

Uzrokuje teške ozljede oka.

Senzitizacija dišnih puteva

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

Dugoročno djelovanje

Oštećenje tkiva: Ovaj proizvod sadrži nagrizajuće tvari. Udisanje isparenja ili aerosola može uzrokovati oštećenje pluća, iritaciju i opekline dišnih organa, kao i kašalj. Nagrizajuće tvari uzrokuju ireverzibilna oštećenja očiju i kiselinske opekline kože.

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. Toksicitnost

Proizvod/sastojak: D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda ispitivanja: DIN EN ISO 7346-2
Vrste: Riba, Brachydanio rerio
Test: LC50
Rezultat: > 100 mg/L

Proizvod/sastojak	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda ispitivanja:	OECD 202
Vrste:	Daphnia magna
Test:	EC50
Rezultat:	> 100 mg/L

Proizvod/sastojak	D-Glucopyranose, oligomers, decyloctyl glycoside
Vrste:	Scenedesmus subspicatus
Test:	EC50
Rezultat:	> 10 - 100 mg/L

Proizvod/sastojak	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda ispitivanja:	OECD 209
Vrste:	Pseudomonas putida
Test:	EC0
Rezultat:	> 100 mg/l mg/L

Proizvod/sastojak	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda ispitivanja:	OECD 204
Vrste:	Riba, Brachydanio rerio
Rezultat:	> 1 - 10 mg/L

Proizvod/sastojak	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda ispitivanja:	OECD 202
Vrste:	Daphnia magna
Test:	NOEC
Rezultat:	> 1 - 10 mg/L

12.2. Postojanost i razgradivost

Proizvod/sastojak	D-Glucopyranose, oligomers, decyloctyl glycoside
Zaključak:	Laka biorazgradivost

Tenzidi u ovom pripravku u skladu su s kriterijima biorazgradivosti koji su propisani Uredbom (EZ) br. 648/2004 o deterdžentima. Podaci koji potkrepljuju ovu izjavu dostupni su nadležnim vlastima država Članica, na njihov direktni zahtjev ili na zahtjev proizvođača deterdženata.

12.3. Bioakumulacijski potencijal

Na temelju dostupnih podataka kriteriji za razvrstavanje nisu ispunjeni.

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

Za proizvod se primjenjuju propisi o odlaganju opasnog otpada. (*)

HP 8 - Nagrizajuće

Odložiti sadržaj/spremnik u/na odobrenom odlagalištu otpada.

Uredba Komisije (EU) br. 1357/2014 od 18. prosinca 2014 o otpadu.

EWC šifra:

20 01 29* Deterdženti koji sadrže opasne tvari

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 informacij e:
ADR	UN3265	KOROZIVNA TEKUĆINA, KISELA, ORGANSKA, N.D.N.	Klasa: 8 Listice opasnosti: 8 Klasifikacijska oznaka: C3 	III	Ne	Ograničene količine: 5 L Tunelska restriksijska oznaka: (E) Dodatne informacije potražite u nastavku.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Skupina pakiranja

** Opasnosti za okoliš

Dodatne informacije

Za proizvod se primjenjuje Uredba o opasnim tvarima.

ADR / Za sve informacije o posebnim odredbama, zahtjevima ili upozorenjima u vezi s prijevozom pogledajte tablicu A, odjeljak 3.2.1. Za pisane upute o ublažavanju štete u vezi s incidentima ili nezgodama tijekom prijevoza pogledajte odjeljak 5.4.3.

14.6. Posebne mjere opreza za korisnika

Nije primjenljivo.

14.7. Prijevoz morem u razlivenom stanju u skladu s instrumentima IMO-a

Podaci nisu dostupni.

ODJELJAK 15.: INFORMACIJE O PROPISIMA

15.1. Propisi u području sigurnosti, zdravlja i okoliša/posebno zakonodavstvo za tvar ili smjesu

Ogranicenje primjene:

Samo za profesionalne korisnike.

Osobe mlađe od 18 godina ne smiju se izlagati ovom proizvodu.

Zahtjev za specificnu edukaciju:

Nema posebnih uvjeta.

SEVESO - Kategorije opasnih tvari / Imena opasnih tvari:

Nije primjenljivo.

Označavanje sadržaja prema Pravilniku o deterdžentima 648/2004:

5% - 15%

· Neionski surfaktanti

Dodatne informacije:

Tenzidi u ovom pripravku u skladu su s kriterijima biorazgradivosti koji su propisani Uredbom (EZ) br. 648/2004 o deterdžentima. Podaci koji potkrepljuju ovu izjavu dostupni su nadležnim vlastima država članica, na njihov direktan zahtjev ili na zahtjev proizvođača deterdženata.

Izvori:

Direktiva Vijeća 94/33/EZ od 22. lipnja 1994. o zaštiti mladih ljudi na radu.
Uredba (EZ) br. 648/2004 Europskog Parlamenta i Vijeća od 31. ožujka 2004. o deterdžentima.
Uredba Komisije (EU) br. 1357/2014 od 18. prosinca 2014 o otpadu.
Uredba (EZ) br. 1272/2008 Europskog Parlamenta i Vijeća od 16. prosinca 2008. o razvrstavanju, označivanju i pakiranju tvari i smjesa (CLP).
UREDBA (EZ) br. 1907/2006 EUROPSKOG PARLAMENTA I VIJEĆA od 18. prosinca 2006 o registraciji, evaluaciji, autorizaciji i ograničavanju kemikalija (REACH).

15.2. Procjena kemijske sigurnosti

Ne

ODJELJAK 16.: OSTALE INFORMACIJE

Puni tekst H-fraza navedenih u Odjeljak 3

H290, Može nagrizati metale.
H314, Uzrokuje teške opekline kože i ozljede oka.
H315, Nadražuje kožu.
H318, Uzrokuje teške ozljede oka.
H319, Uzrokuje jako nadraživanje oka.
H335, Može nadražiti dišni sustav; ili.

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 oktanol 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 ciljano organska toksičnost - Ponovljeno izlaganje
STOT-SE = Specifično ciljano 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

Klasifikacija smjese u vezi opasnosti po zdravlje je sukladna metodi proračuna datom u Propisu (EC) No. 1272/2008 (CLP).

Klasifikacija smjese u vezi nagrizanja kože i ozbiljnog oštećenja očiju, temelji se na ph-kriteriju koji je dat Propisom (EC) No. 1272/2008 (CLP).

Sigurnosno-tehnicki list potvrđen je od strane

Quality & Compliance

Ostalo

Izmjena (u odnosu na posljednju ključnu izmjenu SDS inačice) označena je trokutom.

Informacije u ovom sigurnosno-tehničkom listu odnose se samo na ovaj proizvod (naveden je u odjeljak 1) i možda neće biti primjeren za uporabu s drugim kemikalijama/proizvodima.

Preporuča se 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

i.23 descaler foam

1. SZAKASZ: AZ ANYAG/KEVERÉK ÉS A VÁLLALAT/VÁLLALKOZÁS AZONOSÍTÁSA

1.1. Termékazonosító

Terméknév:

i.23 descaler foam

Egyedi formulaazonosító (UFI):

E094-SY4R-6T7V-FTJ3

1.2. Az anyag vagy keverék lényeges azonosított felhasználásai, illetve ellenjavallt felhasználásai

Az anyag vagy vegyület lényeges azonosított használatai:

Mosó- és tisztítószeres (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. 02. 12.

BA verziószám:

1.0

1.4. Sürgősségi telefonszám

+36 80 201 199 (0-24 órában, díjmentesen hívható – csak Magyarországról)

Lásd a 4. szakasz: Elsősegélynyújtás.

2. SZAKASZ: A VESZÉLY AZONOSÍTÁSA

Az (EK) 1272/2008. (CLP) rendelet szerint besorolva.

2.1. Az anyag vagy keverék besorolása

Skin Corr. 1; H314, Súlyos égési sérülést és szemkárosodást okoz.

Eye Dam. 1; H318, Súlyos szemkárosodást okoz.

2.2. Címkézési elemek

Veszélyt jelző piktogram(ok):



Figyelmeztetés(ek):

Veszély

Figyelmeztető mondat(ok):

Súlyos égési sérülést és szemkárosodást okoz. (H314)

Óvintézkedésre vonatkozó mondatok:

Általános:

-

Megelőzés:

A gőzök/köd belélegzése tilos. (P260)
szemvédő/Védőkesztyű használata kötelező. (P280)

Reakció:

HA BŐRRE (vagy hajra) KERÜL: Az összes szennyezett ruhadarabot azonnal le kell vetni. A bőrt le kell öblíteni vízzel vagy zuhanyozás. (P303+P361+P353)
SZEMBE KERÜLÉS ESETÉN: Több percig tartó óvatos öblítés vízzel. Adott esetben a kontaktlencsék eltávolítása, ha könnyen megoldható. Az öblítés folytatása. (P305+P351+P338)
Azonnal forduljon TOXIKOLÓGIAI KÖZPONTHOZ/orvoshoz. (P310)

Tárolás:

-

Hulladékkezelés:

A tartalom/edény elhelyezése hulladékként a helyi előírásoknak megfelelően. (P501)

Tartalmaz:

D-Glucopyranose,oligomers,decyloctyl glycoside

További címkézés:

UFI: E094-SY4R-6T7V-FTJ3

A tartalmat a tisztítószerekről szóló 648/2004 számú rendelet szerint kell címkézni.:

5% - 15%

· Nem ionos felületaktív anyagok

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
D-Glucopyranose,oligomers,decyloctyl glycoside	CAS-szám: 68515-73-1 EK-szám: REACH: Indexszám:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS-szám: 506-89-8	1-3%	Skin Irrit. 2, H315	

	EK-szám: 208-059-6 REACH: Indexszám:		Eye Irrit. 2, H319 STOT SE 3, H335	
nátrium-hidroxid;marónátron	CAS-szám: 1310-73-2 EK-szám: 215-185-5 REACH: 01-2119457892-27-XXXX Indexszám: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

A H - mondat(ok) teljes szövegét ld. a 16. szakaszban. Az elérhető munkahelyi határértékek listája a 8. szakaszban található.

Egyéb információ:

[19] UVCB = Rövidítés ismeretlen szerkezetű vagy változó összetételű, komplex reakcióban keletkezett vagy biológiai eredetű anyagokat takar.

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:

Légzési nehézségek vagy a légutak irritációja esetén: Kísérje friss levegőre a személyt, aki az anyagot belélegezte és ne hagyja magára!

Bőrrel való érintkezés:

Hosszú ideig (legalább 30 percig) öblögesse vízzel az érintett területet. Lehet, hogy több óráig kell öblögetni. Kellemes hőmérsékletű (20-30 °C) vizet használjon. A kezelésre és a kontrollvizsgálatra vonatkozó tanácsokért tekintse meg a mérgezési tájékoztatót vagy forduljon egy toxikológiai orvoshoz/kórházhoz.

Vegye le a szennyezett ruhadarabokat és cipőt! A szennyezett bőrfelületet alaposan mossa meg szappanos vízzel! NE HASZNÁLJON oldószert, higítószert!

Bőrirritáció esetén: orvosi ellátást kell kérni.

Szemmel való érintkezés:

Szembe kerülés esetén: A szemhéjat széthúzva, bő, 20-30 °C-os vízzel alaposan mossa ki a szemét, legalább 30 percen keresztül, addig, amíg az irritáció el nem múlik! Távolítsa el a kontaktlencséjét! Forduljon orvoshoz! Azonnal kérjen egészségügyi ellátást, és a szállítás során folytassa az öblítést.

Lenyelés:

Lenyelés esetén azonnal hívjon orvost! Ha a személy eszméleténél van, itassa meg vízzel! Ne idézzen elő hányást, míg az orvos nem tanácsolja. Tartsa arccal lefelé a fejét, hogy a hányás ne kerüljön vissza a szájba és a torokba. Tartsa a sérültet melegen és nyugodtan, hogy ne kerüljön sokkos állapotba! Ha a személy nem lélegzik, alkalmazzon szájon át történő újraélesztést! Ha a személy eszméletlen, fektesse stabil oldalfekvésbe! Hívjon mentőt!

Égések:

Nem alkalmazható.

4.2. A legfontosabb - akut és késleltetett - tünetek és hatások

Szövetkárosító hatások: a termék olyan anyagokat tartalmaz, melyek korrozívak. Gőzök, gázok belégzésekor károsíthatja a tüdőt, a légzőszervek irritációját, égését, és köhögést okozhat. Korrozív anyagok a szem visszafordíthatatlan károsodását és a bőrön savas égést okozhatnak.

4.3. A szükséges azonnali orvosi ellátás és különleges ellátás jelzése

Expozíció vagy annak gyanúja esetén:
Azonnal orvosi ellátást kell kérni.

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)

5.3. Tűzoltóknak szóló javaslat

Viseljen oxigénpalackos légzőkészüléket és védő öltözetet a termékkel való érintkezés megelőzésére.

6. SZAKASZ: INTÉZKEDÉSEK VÉLETLENSZERŰ KÖRNYEZETBE JUTÁS ESETÉN

6.1. Személyi óvintézkedések, egyéni védoeszközök és vészhelyzeti eljárások

Kerülje a kiszóródott, kiömlött anyaggal való közvetlen érintkezést!
A szennyezett területek csúszósak lehetnek.

6.2. Környezetvédelmi óvintézkedések

Kerülje a termék felszíni/talajvízbe, csatornába, jutását.
Tartsa távol az illetéktelen személyeket a kiömléstől

6.3. A területi elhatárolás és a szennyezésmentesítés módszerei és anyagai

A kiömlött/kifolyt anyagot nem éghető, nedvszívó anyaggal kell felfogni és összegyűjteni, pl. homokkal, földdel, vermikulittal vagy kovafölddel; ezeket gyűjtse össze egy tartályba a helyi előírások szerinti ártalmatlanításhoz. Ameddig lehet, csak normál 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

Kerülje a termékkel való közvetlen 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 összeférhetlenséggel együtt

A már nyitott tartályokat gondosan vissza kell zárni, és a kifolyás megelőzésére, függőlegesen tárolni.

A csomagolóanyagok kompatibilitása:

Az eredeti csomagolásban tartandó.

Tárolási feltételek:

Száraz, hűvös és jól szellőző

Összeférhetlenség:

Az eredeti csomagolásban tartandó.

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

D-Glucopyranose,oligomers,decyloctyl glycoside

Időtartam:	Expozíciós út:	DNEL:
Hosszú távú – szisztémás hatások – általános lakosság	Belélegzés	124 mg/m ³
Hosszú távú – szisztémás hatások – munkavállalók	Belélegzés	420 mg/m ³
Hosszú távú – szisztémás hatások – általános lakosság	Bőrön át	357000 mg/kg/nap
Hosszú távú – szisztémás hatások – munkavállalók	Bőrön át	595000 mg/kg/nap
Hosszú távú – szisztémás hatások – általános lakosság	Szájon át	35.7 mg/kg/nap

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Expozíciós út:	Expozíció időtartama:	PNEC:
Édesvíz		176 µg/L
Édesvízi üledék		1.516 mg/kg
Időszakos kibocsátás (édesvíz)		270 µg/L
Predators		111.11 mg/kg
Szennyvízkezelő telep		560 mg/L
Talaj		654 µg/kg
Tengervíz		17.6 µg/L
Tengervízi üledék		152 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 hatások:

A termékben megtalálható anyagokra nincs előírva maximum expozíciós határ.

Megfelelő műszaki intézkedések:

Biztosítsa, hogy a szemmosó állomások és a biztonsági zuhanyok könnyen elérhető helyen legyenek.

A termék használatakor végezze el a szokásos óvintézkedéseket. Kerülje el a gőzök belégzését.

Higiéniai intézkedések:

Bármikor szünetet tart vagy befejezi a termék használatát, minden szennyezett testrészét mossa meg! Különös figyelmet kell fordítani a kézre, az alkarra és az arcra.

A környezeti expozíció ellenőrzése:

Tartson duzzasztó anyagokat közel a munkavégzés helyéhez! Lehetőség szerint, munka közben gyűjtse össze a kiszóródott anyagot!

Egyéni óvintézkedések, úgy mint személyi védőfelszerelések

Általánosan:

A szennyezett ruhát újbóli használat előtt ki kell mosni.

Kizárólag CE jelzéssel ellátott védőfelszerelést használjon.

Légutak védelme:

Típus	Osztály	Szín	Szabványokra	
Nincs szükség légzésvédelemre megfelelő szellőztetés esetén.				

Bőrvédelem:

Ajánlott	Típusú/Kategóriájú	Szabványokra	
Semmilyen speciális, amikor a rendeltetésnek megfelelően használják	-	-	

Kézvédelem:

Anyag	Minimális réteg vastagság (mm)	Áteresztési ideje (percig)	Szabványokra	
Nitril kaucsuk	0.4	> 480	EN374-2, EN374-3, EN388	

Szemvédelem:

Típus	Szabványokra	
Viseljen oldalvédővel rendelkező védőszemüveget!	EN166	

9. SZAKASZ: FIZIKAI ÉS KÉMIAI TULAJDONSÁGOK

9.1. Az alapvető fizikai és kémiai tulajdonságokra vonatkozó információk

Forma:

Folyékony

Szín:

Barna

Szag / Szagküszöbérték (ppm):

Jellegzetes

pH:

ca. 1.6

Sűrűség (g/cm³):

1,05 (20 °C)

Kinematikus viszkozitás:

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

Részecskejellemzők:

Folyadékokra nem alkalmazandó.

Halmazállapot változások

Olvaspont/fagyáspont (°C):

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

Lágyuláspont/lágyulásponttartomány (°C):

Folyadékokra nem alkalmazandó.

Forráspont (°C):

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

Gőzsűrűség:

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

Relatív gőzsűrűség:

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

Bomlási hőmérséklet (°C):

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

Tűz-és robbanásveszélyességi adatok

Lobbanási pont (°C):

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

Tűzveszélyesség (°C):

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

Öngyulladási hőmérséklet (°C):

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

Lobbanási határ (% v/v):

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

Oldódás

Vízben oldódás:

Teljes mértékben oldódik

n-octanol/vízzel együttható (LogKow):

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

Zsírban oldódás (g/L):

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

9.2. Egyéb információk

Egyéb fizikai vagy kémiai paramétereiket:

ND: 1.354

Oxidációs jellemzők:

A termék jellegéből adódóan nincsenek releváns vagy elérhető adatok

10. SZAKASZ: STABILITÁS ÉS REAKCIÓKÉSZSÉG

10.1. Reakciókészség

Nincs erre vonatkozó adat.

10.2. Kémiai stabilitás

A 7 "Kezelés és tárolás" fejezetben leírt körülmények között a termék szilárd.

10.3. A veszélyes reakciók lehetősége

Senki sem ismerős.

10.4. Kerülendő körülmények

Senki sem ismerős.

10.5. Nem összeférhető anyagok

Az eredeti csomagolásban tartandó.

10.6. Veszélyes bomlástermékek

A hőbomlás maró hatású gőzöket képezhet.

11. SZAKASZ: TOXIKOLÓGIAI ADATOK

11.1. Az 1272/2008/EK rendeletben meghatározott, veszélyességi osztályokra vonatkozó információk

Akut toxicitás

Termék / alkotóelem	D-Glucopyranose, oligomers, decyloctyl glycoside
Vizsgáló módszer:	OECD 401
Fajták:	Patkány
Expozíció iránya:	Szájon át

Teszt: LD50
Eredmény: > 5.000 mg/kg

Termék / alkotóelem D-Glucopyranose,oligomers,decyloctyl glycoside
Vizsgálati módszer: OECD 402
Fajták: Nyúl
Expozíció iránya: Bőrön át
Teszt: LD50
Eredmény: > 2000 mg/L

Bőrirritáció

Termék / alkotóelem D-Glucopyranose,oligomers,decyloctyl glycoside
Eredmény: Káros hatások nem figyelhetők meg (Nem irritáló)

Súlyos égési sérülést és szemkárosodást okoz.

Súlyos szemkárosodás/szemirritáció

Termék / alkotóelem D-Glucopyranose,oligomers,decyloctyl glycoside
Eredmény: Káros hatások figyelhetők meg (Súlyos szemkárosodást okoz)

Súlyos szemkárosodást okoz.

Légzőszervi szenzibilizáció

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

Szövetkárosító hatások: a termék olyan anyagokat tartalmaz, melyek korrozívak. Gőzök, gázok belégzésekor károsíthatja a tüdőt, a légzőszervek irritációját, égését, és köhögést okozhat. Korrozív anyagok a szem visszafordíthatatlan károsodását és a bőrön savas égést okozhatnak.

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 D-Glucopyranose,oligomers,decyloctyl glycoside
Vizsgálati módszer: DIN EN ISO 7346-2
Fajták: Hal, Brachydanio rerio
Teszt: LC50
Eredmény: > 100 mg/L

Termék / alkotóelem	D-Glucopyranose,oligomers,decyloctyl glycoside
Vizsgálati módszer:	OECD 202
Fajták:	Daphnia magna
Teszt:	EC50
Eredmény:	> 100 mg/L

Termék / alkotóelem	D-Glucopyranose,oligomers,decyloctyl glycoside
Fajták:	Scenedesmus subspicatus
Teszt:	EC50
Eredmény:	> 10 - 100 mg/L

Termék / alkotóelem	D-Glucopyranose,oligomers,decyloctyl glycoside
Vizsgálati módszer:	OECD 209
Fajták:	Pseudomonas putida
Teszt:	EC0
Eredmény:	> 100 mg/l mg/L

Termék / alkotóelem	D-Glucopyranose,oligomers,decyloctyl glycoside
Vizsgálati módszer:	OECD 204
Fajták:	Hal, Brachydanio rerio
Eredmény:	> 1 - 10 mg/L

Termék / alkotóelem	D-Glucopyranose,oligomers,decyloctyl glycoside
Vizsgálati módszer:	OECD 202
Fajták:	Daphnia magna
Teszt:	NOEC
Eredmény:	> 1 - 10 mg/L

12.2. Perzisztencia és lebonthatóság

Termék / alkotóelem	D-Glucopyranose,oligomers,decyloctyl glycoside
Következtetés:	Könnyű biolebonthatóság

A preparátumban található felületaktív anyagok(k) megfelel(nek) a tisztítószerre vonatkozó, (EC) No.648/2004 számú szabályzatban lefektetett biológiai lebomlási kritériumoknak. Az ezt alátámasztó adatok mindenkor a Tagállamok illetékes szerveinek a rendelkezésére állnak, és közvetlen kérésükre vagy a tisztítószer gyártó kérésére megtekinthetők.

12.3. Bioakkumulációs képesség

A rendelkezésre álló adatok alapján az osztályozás kritériumai nem teljesülnek.

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 veszélyes hulladékokra vonatkozó rendeletek szerint kezelendő! (*)

HP 8 - Maró

A tartalom/edény elhelyezése hulladékként: veszélyes hulladékgyűjtő helyre vinni.

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 29* Veszélyes anyagokat tartalmazó mosószerek

Szennyezett csomagolás

Maradékot tartalmazó tartályt ugyanúgy ártalmatlanítsuk, mint magát a terméket!

14. SZAKASZ: SZÁLLÍTÁSRA VONATKOZÓ INFORMÁCIÓK

	14.1 UN	14.2 Az ENSZ szerinti megfelelő szállítási megnevezés	14.3 Szállítási veszélyességi osztály(ok)	14.4 PG*	14.5. Env**	Egyéb információ:
ADR	UN3265	MARÓ, FOLYÉKONY, SAVAS SZERVES ANYAG, M.N.N.	Osztály: 8 Bárcák: 8 Osztályozási kód: C3 	III	Nincs	Korlátozott mennyiség: 5 L Alagútkorlátozási kód: (E) További információt alább olvashat.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Csomagolási csoport

** Környezeti veszélyek

Egyéb információ

A veszélyes árukra vonatkozó egyezmény által védett termék.

ADR / Lásd az A. táblázat 3.2.1 pontját a szállítással kapcsolatos különleges rendelkezésekről, követelményekről vagy figyelmeztetésekről. Lásd az 5.4.3. pontot a szállítás közben bekövetkező eseményekkel vagy balesetekkel kapcsolatos károk enyhítésével kapcsolatos írásbeli utasításokért.

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.

A termékkel 18 év alattiak nem érintkezhetnek! "18 éven aluliakat tilos a termék hatásának kitenni!"

Specifikus oktatásra vonatkozó követelmények:

Nincs különleges követelmény.

SEVESO - A veszélyes anyagok kategóriái / Megnevezett veszélyes anyagok:

Nem alkalmazható.

A tartalmat a tisztítószerekről szóló 648/2004 számú rendelet szerint kell címkézni.:

5% - 15%

· Nem ionos felületaktív anyagok

Egyéb információ:

A preparátumban található felületaktív anyagok(k) megfelel(nek) a tisztítószerekre vonatkozó, (EC) No.648/2004

számú szabályzatban lefektetett biológiai lebomlási kritériumoknak. Az ezt alátámasztó adatok mindenkor a Tagállamok illetékes szerveinek a rendelkezésére állnak, és közvetlen kérésükre vagy a tisztítószer gyártó kérésére megtekinthetők.

Források:

2007. évi CLXI. törvény a munkavédelemről szóló 1993. évi XCIII. törvény módosításáról.
Az Európai Parlament és a Tanács 648/2004/EK rendelet (2004. március 31.) a mosó- és tisztítószerokról.
Veszélyes hulladékok: 2012. évi CLXXXV. törvény a hulladékról. 225/2015. (VIII. 7.) Korm. rendelet a veszélyes hulladékkal kapcsolatos egyes tevékenységek részletes szabályairól.
Munkavédelem: 1993 évi XCIII. törvény a munkavédelemről és az ehhez kapcsolódó rendeletek.
5/2020 (II.6.) ITM rendelet a kémiai kóroki tényezők hatásának kitett munkavállalók egészségének és biztonságának védelméről.
44/2000 (XII. 27.) EüM rendelet a veszélyes anyagokkal és veszélyes készítményekkel kapcsolatos egyes eljárások, illetve tevékenységek részletes szabályairól.
Az Európai Parlament és a Tanács 1272/2008/EK rendelet (2008. december 16.) az anyagok és keverékek osztályozásáról, címkézéséről és csomagolásáról (CLP).
Az Európai Parlament és a Tanács 1907/2006/EK rendelete (2006. december 18.) a vegyi anyagok regisztrálásáról, értékeléséről, engedélyezéséről és korlátozásáról (REACH).

15.2. Kémiai biztonsági értékelés

Nincs

16. SZAKASZ: EGYÉB INFORMÁCIÓK

A H mondatok teljes szövege, ahogyan a 3. szakaszban is említve volt

H290, Fémekre korrozív hatású lehet.
H314, Súlyos égési sérülést és szemkárosodást okoz.
H315, Bőrirritáló hatású.
H318, Súlyos szemkárosodást okoz.
H319, Súlyos szemirritációt okoz.
H335, Légúti irritációt okozhat.

Rövidítések és betűszavak

ADN = A Veszélyes Áruk Nemzetközi Belvízi Szállításáról szóló Európai Egyezmény
ADR = A Veszélyes Áruk Nemzetközi Közúti Szállításáról szóló Európai Egyezmény
ATE = Akut Toxicitás Becslése
BCF = Bio-koncentrációs Faktor
CAS = Vegyi anyag Nyilvántartási Szolgálat
CE = Európai megfelelés
CLP = Az Európai Parlament és a Tanács Rendelete az Anyagok és Keverékek Besorolásáról, Címkézéséről és Csomagolásáról [EK Rendelet No. 1272/2008]
CSA = Kémiai Biztonsági Értékelés
CSR = Kémiai Biztonsági Jelentés
DNEL = Származtatott Hatásmentes Szint
EINECS = Létező Kereskedelmi Anyagok Európai Jegyzéke
ES = Expozíciós Forgatókönyv
EUH statement = CLP-specifikus Figyelmeztető mondat
EuPCS = Uniós termékbesorolási rendszer
EWC = Európai Hulladék Katalógus
GHS = Vegyi Anyagok Osztályozásának és Címkézésének Globálisan Harmonizált Rendszere
GWP = Globális felmelegedési potenciál
IATA = Nemzetközi Légi Szállítási Szövetség
IBC = Nagyméretű Csomagolóeszköz
IMDG = Veszélyes Áruk Nemzetközi Tengerészeti Kódex
LogPqw = log oktanol/víz megoszlási együttható
MARPOL = Hajókról történő Szennyezés Megelőzéséről szóló és az 1978. évi Jegyzőkönyvvel módosított 1973. évi Nemzetközi Egyezmény. ("Marpol = tengeri szennyezés)
OECD = Gazdasági Együttműködési és Fejlesztési Szervezet
PBT = Perzisztens, Bioakkumulatív és Mérgező
PNEC = Előre látható Hatástalan Koncentráció
RID = Veszélyes Áruk Nemzetközi Vasúti Fuvarozásáról szóló Szabályzat

RRN = REACH Regisztrációs Szám

SCL = A(z) anyagnak egyedi koncentrációs határértéke van.

SVHC = Különös Aggodalomra okot adó Anyagok

STOT-RE = Célszervi Toxicitás - Ismétlődő Expozíció

STOT-SE = Célszervi Toxicitás - Egyszeri Expozíció

TWA = Idővel súlyozott átlagos

UN = Egyesült Nemzetek

UVCB = Ismeretlen szerkezetű vagy változó összetételű, komplex reakcióban keletkezett vagy biológiai eredetű anyagok.

VOC = Illékony Szerves Vegyület

vPvB = Nagyon Perzisztens és Nagyon Bioakkumulatív

Egyéb információ

A keverék egészségi veszélyek szerinti besorolása megfelel az 1272/2008. sz. EK rendeletben meghatározott számítási módszereknek.

A keverék bőrmaró és súlyosan szemkárosító hatása szerinti besorolása az 1272/2008. sz. EK rendeletben meghatározott pH-kritérium alapján történt.

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

i.23 descaler foam

1: IDENTIFIKASI ZAT/SEDIAAN DAN PERUSAHAAN/YANG MENANGANI

1.1. Pengenal produk

Nama produk:
i.23 descaler foam

1.2. Penggunaan zat atau campuran yang diidentifikasi dan relevan dan penggunaan yang tidak disarankan

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

Penggunaan yang disarankan terhadap:
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:
12/02/2025

Versi SDS:
1.0

1.4. Nomor telepon darurat

Jika timbul kondisi darurat, hubungi 112 (layanan 24 jam)
Lihat bagian 4: Tindakan pertolongan pertama

2: IDENTIFIKASI BAHAYA

2.1. Klasifikasi bahaya produk (senyawa / campuran)

Skin Corr. 1; H314, Menyebabkan luka bakar yang parah pada kulit dan kerusakan mata.
Eye Dam. 1; H318, Menyebabkan kerusakan serius pada mata.

2.2. Elemen-elemen label

Piktogram (simbol bahaya):



Kata sinyal:
Berbahaya

Pernyataan Bahaya:

Menyebabkan luka bakar yang parah pada kulit dan kerusakan mata. (H314)

Pernyataan Kehati-hatian:

Umum:

-

Pencegahan:

Jangan menghirup uap/kabut. (P260)
Pakai pelindung mata/sarung tangan pelindung. (P280)

Tanggapan:

JIKA TERKENA KULIT (atau rambut): Pindahkan/lepas segera seluruh pakaian yang terkontaminasi. Bilas kulit dengan air/pancuran (P303+P361+P353)

JIKA TERKENA MATA : Bilas dengan seksama dengan air untuk beberapa menit. Lepaskan lensa kontak jika memakainya dan mudah melakukannya.Lanjutkan membilas. (P305+P351+P338)

Segera hubungi PUSAT KERACUNAN/dokter/tenaga medis. (P310)

Penyimpanan:

-

Pembuangan:

Buang isi/wadah sesuai dengan peraturan lokal (P501)

Komponen-komponen yang berbahaya:

D-Glucopyranose,oligomers,decyloctyl glycoside

Pelabelan tambahan:

Tidak berlaku.

2.3. Bahaya-bahaya yang lain

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
D-Glucopyranose,oligomers,decyloctyl glycoside	CAS: 68515-73-1 EC:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS: 506-89-8 EC: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxidecaustic soda	CAS: 1310-73-2 EC: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

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

Informasi Lain

UVCB = Komposisi yang bervariasi atau tidak diketahui, produk reaksi kompleks atau material biologis

4: TINDAKAN PERTOLONGAN PERTAMA PADA KECELAKAAN

4.1. Deskripsi langkah-langkah pertolongan pertama

Umum:

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

Penghirupan:

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

Kena kulit:

Bilas area paparan dengan air untuk waktu lama - setidaknya 30 menit. Bila perlu bilas hingga beberapa jam. Gunakan air pada temperatur yang nyaman (20-30 °C). Hubungi Informasi Racun/dokter/rumah sakit untuk saran tambahan terhadap tindak lanjut dan perawatan.

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

Jika iritasi kulit terjadi: Dapatkan nasehat /perhatian pengobatan.

Kena mata:

Jika pada mata: Bilas mata dengan air atau air garam yang banyak (20-30 °C) selama minimal 30 menit dan terus lakukan sampai iritasi hilang. Lepas lensa kontak. Pastikan bilasan mengenai kelopak mata atas dan bawah. Segera cari bantuan medis dan teruskan pembilasan.

Tertelan:

Jika tertelan, segera hubungi dokter sambil. Jika korban sadar, beri minum air. JANGAN coba-coba merangsang muntah, kecuali karena saran dokter. Usahakan kepala menghadap ke bawah untuk mencegah agar muntahan tidak kembali ke mulut dan kerongkongan. Hindari syok dengan menjaga suhu korban cedera tetap hangat dan tenang. Segera lakukan resusitasi dari mulut ke mulut jika napas berhenti. Jika tak sadarkan diri, guling tubuh korban cedera ke posisi pemulihan. Panggil ambulans.

Luka bakar:

Tidak berlaku.

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

Efek yang merusak jaringan tubuh: Produk ini mengandung zat-zat dengan sifat yang mengelupas kulit. Uap atau aerosol yang terhirup bisa menimbulkan efek tak diinginkan terhadap paru-paru, berupa iritasi dan terbakar pada organ pernapasan dan juga batuk. Kontak kulit dan kontak mata menimbulkan efek yang tidak bisa dipulihkan.

4.3. Petunjuk pertolongan pertama dan perawatan khusus yang diperlukan

Jika terpapar atau dikuatirkan:

Dapatkan segera nasehat/perhatian medis.

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)

5.3. Saran untuk pemadam kebakaran

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

6: TINDAKAN PENANGGULANGAN JIKA TERJADI TUMPAHAN DAN KEBOCORAN

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

Hindari kontak langsung dengan materi tumpahan.
Area yang terkontaminasi mungkin licin.

6.2. Langkah-langkah pencegahan bagi lingkungan

Hindari kebocoran ke danau, sungai, saluran air, dll.
Jauhkan orang yang tidak berwenang dari tumpahan

6.3. Metode dan bahan penangkalan (containment) dan pembersihan

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

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

6.4. Referensi ke bagian-bagian lain

Lihat bagian 13 untuk tambahan informasi mengenai pembuangan limbah.
Lihat Bagian 8 untuk tambahan informasi kontrol paparan/perlindungan diri.

7: PENANGANAN DAN PENYIMPANAN

7.1. Langkah-langkah pencegahan untuk penanganan yang aman

Hindari kontak langsung dengan produk.
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

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

Material penyimpanan yang direkomendasikan:
Jaga hanya disimpan dalam wadah aslinya.

Kondisi penyimpanan:
Kering, dingin, dan baik ventilasinya

Bahan-bahan yang tidak tercampurkan:
Jaga hanya disimpan dalam wadah aslinya.

7.3. Kegunaan(-kegunaan) akhir spesifik

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

8: KONTROL PAPAN / PERLINDUNGAN DIRI

8.1. Paramater pengendalian

Tidak ada zat yang dicantumkan dalam daftar nasional zat dengan batas paparan kerja.
No substances are listed with an occupational exposure limit.

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:
Pastikan tempat pencuci mata dan pancuran keselamatan mudah dijangkau.

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

Tindakan Higienis:

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

Pengendalian paparan lingkungan:

Taruh bahan-bahan penahan di tempat kerja. Jika memungkinkan, kumpulkan tumpahan selama kerja.

Tindakan perlindungan diri

Umum:

Cuci pakaian yang terkontaminasi sebelum dipakai kembali.
Cukup gunakan peralatan pelindung bertanda CE.

Perlindungan pernapasan:

Tipe	Kelas	Warna	Standar
Perlindungan pernapasan tidak perlu dilakukan			

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
Karet nitril	0.4	> 480	EN374-2, EN374-3, EN388



Perlindungan mata:

Tipe	Standar
Kacamata pelindung dengan pelindung samping	EN166



9: SIFAT FISIKA DAN KIMIA

9.1. Informasi sifat-sifat fisika dan kimia dasar

Bentuk fisik:

Cairan

Warna:

Cokelat

Bau:

Ciri khas

Ambang batas bau (ppm):

Tidak ada data terkait atau yang tersedia karena sifat produk

pH:

ca. 1.6

Kerapatan (densitas) relatif (g/cm³):

1,05 (20 °C)

Kekentalan (viskositas):

Tidak ada data terkait atau yang tersedia karena sifat produk
Ne primjenjuje se na tekućine.

Perubahan fase

Titik lebur / titik beku (°C):

Tidak ada data terkait atau yang tersedia karena sifat produk

Titik pelunakan/rentang (°C):

Ne primjenjuje se na tekućine.

Titik didih/jarak didih (°C):

Tidak ada data terkait atau yang tersedia karena sifat produk

Tekanan uap:

Tidak ada data terkait atau yang tersedia karena sifat produk

Rapat (densitas) uap:

Tidak ada data terkait atau yang tersedia karena sifat produk

Suhu penguraian (°C):

Tidak ada data terkait atau yang tersedia karena sifat produk

Laju penguapan:

Data tentang bahaya kebakaran dan ledakan

Titik nyala (°C):

Tidak ada data terkait atau yang tersedia karena sifat produk

Kemudahan-menyala (°C):

Tidak ada data terkait atau yang tersedia karena sifat produk

Suhu dapat membakar sendiri (°C):

Tidak ada data terkait atau yang tersedia karena sifat produk

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

Tidak ada data terkait atau yang tersedia karena sifat produk

Kelarutan

Kelarutan dalam air:

Terlalu mudah larut

Koefisien partisi (LogKow):

Tidak ada data terkait atau yang tersedia karena sifat produk

Kelarutan dalam lemak (g/L):

Tidak ada data terkait atau yang tersedia karena sifat produk

9.2. Informasi Lain

Parameter fisik dan kimia lainnya:

ND: 1.354

Sifat pengoksidasi:

Tidak ada data terkait atau yang tersedia karena sifat produk

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

Jaga hanya disimpan dalam wadah aslinya.

10.6. Hasil penguraian yang berbahaya

Dekomposisi termal dapat menghasilkan uap korosif.

11: INFORMASI TOKSIKOLOGI

11.1. Informasi efek-efek toksikologi

Toksitas akut

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Metode pengujian:	OECD 401
Spesies:	Tikus besar
Rute Paparan:	Lisan
Uji:	LD50
Hasil:	> 5.000 mg/kg

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Metode pengujian:	OECD 402
Spesies:	Kelinci
Rute Paparan:	Kulit
Uji:	LD50
Hasil:	> 2000 mg/L

Iritasi/korosif

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Hasil:	Efek tak diinginkan tidak teramati (Tidak menimbulkan iritasi)

Menyebabkan luka bakar yang parah pada kulit dan kerusakan mata.

Kerusakan/iritasi mata berat

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Hasil:	Efek tak diinginkan teramati (Menyebabkan kerusakan serius pada mata)

Menyebabkan kerusakan serius pada mata.

Kepekaan pernafasan

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.

Toksitas 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.

Toksitas sistemik pada organ target spesifik karena paparan berulang

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Bahaya aspirasi

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

Berpotensi efek kesehatan yang kronis

Efek yang merusak jaringan tubuh: Produk ini mengandung zat-zat dengan sifat yang mengelupas kulit. Uap atau aerosol yang terhirup bisa menimbulkan efek tak diinginkan terhadap paru-paru, berupa iritasi dan terbakar pada organ pernapasan dan juga batuk. Kontak kulit dan kontak mata menimbulkan efek yang tidak bisa dipulihkan.

12: INFORMASI EKOLOGI

12.1. Toksisitas

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Metode pengujian:	DIN EN ISO 7346-2
Spesies:	Ikan, Brachydanio rerio
Uji:	LC50
Hasil:	> 100 mg/L

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Metode pengujian:	OECD 202
Spesies:	Daphnia magna
Uji:	EC50
Hasil:	> 100 mg/L

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Spesies:	Scenedesmus subspicatus
Uji:	EC50
Hasil:	> 10 - 100 mg/L

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Metode pengujian:	OECD 209
Spesies:	Pseudomonas putida
Uji:	EC0
Hasil:	> 100 mg/l mg/L

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Metode pengujian:	OECD 204
Spesies:	Ikan, Brachydanio rerio
Hasil:	> 1 - 10 mg/L

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Metode pengujian:	OECD 202
Spesies:	Daphnia magna
Uji:	NOEC
Hasil:	> 1 - 10 mg/L

12.2. Ketahanan dan tingkat degradasi

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Kesimpulan:	Mudah terurai secara hayati

12.3. Potensi bioakumulasi

Berdasarkan data yang tersedia, kriteria klasifikasi tidak terpenuhi.

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 diatur dalam peraturan tentang limbah berbahaya (B3).
Buang isi/wadah ke tempat pembuangan limbah yang disetujui.

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Kelas bahaya transportasi: 8 Kelas bahaya pengangkutan: 8 Kode klasifikasi: C3 	III	Tidak	Jumlah terbatas: 5 L Kode pembatasan terowongan: (E) Lihat di bawah untuk tambahan informasi
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Kelompok pengemasan

** Bahaya lingkungan

Informasi tamba

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

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

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.
Anak-anak berusia di bawah 18 tidak boleh terpapar produk ini.

Tuntutan akan pendidikan khusus:

Tidak ada persyaratan khusus.

Informasi tambahan:

Tidak berlaku.

Sumber:

Peraturan Pemerintah Republik Indonesia Nomor 74 Tahun 2001 tentang Pengelolaan Bahan Berbahaya dan Beracun
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

H290, Dapat menyebabkan korosif terhadap logam.

H314, Menyebabkan luka bakar yang parah pada kulit dan kerusakan mata.

H315, Menyebabkan iritasi kulit.

H318, Menyebabkan kerusakan serius pada mata.

H319, Menyebabkan iritasi serius pada mata.

H335, Dapat menyebabkan iritasi pernafasan.

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

Klasifikasi campuran terkait bahaya kesehatan sesuai dengan metode perhitungan yang diberikan oleh Nomor peraturan 23/M-IND/PER/4/2013 (GHS).

Klasifikasi campuran terkait kerusakan kulit dan kerusakan mata serius didasarkan pada kriteria pH yang diberikan oleh Nomor peraturan 23/M-IND/PER/4/2013 (GHS).

Lembar data keselamatan disahkan oleh

Quality & Compliance

Informasi Lain

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

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

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

Negara-bahasa: ID-id

SAFETY DATA SHEET

i.23 descaler foam

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

1.1. Product identifier

Trade name:

i.23 descaler foam

Unique formula identifier (UFI):

E094-SY4R-6T7V-FTJ3

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:

12/02/2025

SDS Version:

1.0

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

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

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

UFI: E094-SY4R-6T7V-FTJ3

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

5% - 15%
· Non-ionic surfactants

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.: REACH: Index No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8	1-3%	Skin Irrit. 2, H315	

	EC No.: 208-059-6 REACH: Index No.:		Eye Irrit. 2, H319 STOT SE 3, H335
sodium hydroxide;caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5 REACH: 01-2119457892-27-XXXX Index No.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.
Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:
Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

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 direct contact with the product.

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

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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 "List of Chemical Agents and Occupational Exposure Limit Values" with an occupational exposure limit.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	357000 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	595000 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	124 mg/m ³
Long term – Systemic effects - Workers	Inhalation	420 mg/m ³
Long term – Systemic effects - General population	Oral	35.7 mg/kg bw/day

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		176 µg/L
Freshwater sediment		1.516 mg/kg
Intermittent release (freshwater)		270 µg/L
Marine water		17.6 µg/L
Marine water sediment		152 µg/kg
Predators		111.11 mg/kg
Sewage treatment plant		560 mg/L
Soil		654 µg/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:

Ensure that eyewash stations and safety showers are located within easy reach.

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

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.

Use only CE marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

Brown

Odour / Odour threshold:

Characteristic

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

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

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Result: > 5.000 mg/kg

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 402
 Species: Rabbit
 Route of exposure: Dermal
 Test: LD50
 Result: > 2000 mg/L

Skin corrosion/irritation

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Result: No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Result: Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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 D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 202
Species:	Daphnia magna
Test:	EC50
Result:	> 100 mg/L

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Species:	Scenedesmus subspicatus
Test:	EC50
Result:	> 10 - 100 mg/L

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 209
Species:	Pseudomonas putida
Test:	EC0
Result:	> 100 mg/l mg/L

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 204
Species:	Fish, Brachydanio rerio
Result:	> 1 - 10 mg/L

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 202
Species:	Daphnia magna
Test:	NOEC
Result:	> 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Conclusion:	Readily biodegradable

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

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

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 covered by the regulations on hazardous waste. (*)

HP 8 – Corrosive

Dispose of contents/container to an approved waste disposal plant.

Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code:

20 01 29* Detergents containing dangerous substances

Contaminated packing

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

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

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.

People under the age of 18 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

SEVESO - Categories / dangerous substances:

Not applicable.

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

5% - 15%

· Non-ionic surfactants

Additional information:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in

Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources:

Protection of Young Persons (Employment) Act, 1996
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

Quality & Compliance

Other

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

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

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

Country-language: IE-en

SAFETY DATA SHEET

i.23 descaler foam

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

1.1. Product identifier

Trade name:

i.23 descaler foam

Unique formula identifier (UFI):

E094-SY4R-6T7V-FTJ3

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:

12/02/2025

SDS Version:

1.0

1.4. Emergency telephone number

Israel Poison Information Center

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

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

See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to Israeli Standard SI 2302.

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

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.

Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)

Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

UFI: E094-SY4R-6T7V-FTJ3

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.: REACH: Index No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6 REACH:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	

	Index No.:			
sodium hydroxide;caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5 REACH: 01-2119457892-27-XXXX Index No.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Israel Poison Information Center hotline: 04-7771900 (24h service) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

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 direct contact with the product.

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

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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

D-Glucopyranose,oligomers,decyloctyl glycoside

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	357000 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	595000 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	124 mg/m ³
Long term – Systemic effects - Workers	Inhalation	420 mg/m ³
Long term – Systemic effects - General population	Oral	35.7 mg/kg bw/day

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		176 µg/L
Freshwater sediment		1.516 mg/kg
Intermittent release (freshwater)		270 µg/L
Marine water		17.6 µg/L
Marine water sediment		152 µg/kg
Predators		111.11 mg/kg
Sewage treatment plant		560 mg/L
Soil		654 µg/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:

Ensure that eyewash stations and safety showers are located within easy reach.

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

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.

Use only CE marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate				

Type	Class	Colour	Standards
ventilation.			

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388



Eye protection:

Type	Standards
Safety glasses with side shields.	EN166



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

Brown

Odour / Odour threshold:

Characteristic

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

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

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 402

Species: Rabbit
Route of exposure: Dermal
Test: LD50
Result: > 2000 mg/L

Skin corrosion/irritation

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
Result: No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
Result: Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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: D-Glucopyranose, oligomers, decyloctyl glycoside
Test method: DIN EN ISO 7346-2
Species: Fish, Brachydanio rerio
Test: LC50
Result: > 100 mg/L

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
Test method: OECD 202
Species: Daphnia magna
Test: EC50

Result: > 100 mg/L

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
Species: Scenedesmus subspicatus
Test: EC50
Result: > 10 - 100 mg/L

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
Test method: OECD 209
Species: Pseudomonas putida
Test: EC0
Result: > 100 mg/l mg/L

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
Test method: OECD 204
Species: Fish, Brachydanio rerio
Result: > 1 - 10 mg/L

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
Test method: OECD 202
Species: Daphnia magna
Test: NOEC
Result: > 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance: D-Glucopyranose, oligomers, decyloctyl glycoside
Conclusion: Readily biodegradable

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

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

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 covered by the regulations on hazardous waste. (*)
HP 8 – Corrosive
Dispose of contents/container to an approved waste disposal plant.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code:
20 01 29* Detergents containing dangerous substances

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

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.

People under the age of 18 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

SEVESO - Categories / dangerous substances:

Not applicable.

Additional information:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources:

Youth Employment Law, 1953

Prevention of Environmental Nuisances Law 5752-1992

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

H290, May be corrosive to metals.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory 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

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Israeli Standard SI 2302.

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-

criterion given by Israeli Standard SI 2302.

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP).

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

i.23 descaler foam

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

SDS created for INDIA according to GHS

1.1. Product identifier

Trade name:

i.23 descaler foam

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:

12/02/2025

SDS Version:

1.0

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:
Danger

Hazard statement(s):
Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

Not applicable.

2.3. Other hazards

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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 direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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:

Ensure that eyewash stations and safety showers are located within easy reach.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.
Use only CE marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Brown

Odour:

Characteristic

Odour threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

Explosion limits (% v/v):

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

No data available.

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: EC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Species: Scenedesmus subspicatus
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 209
 Species: Pseudomonas putida
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, Brachydanio rerio
 Result: > 1 - 10 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: NOEC
 Result: > 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

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

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

Dispose of contents/container to an approved waste disposal plant.

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

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.

People under the age of 18 shall not be exposed to this product.

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

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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 GHS the evaluation of the classification of the mixture is based on:
The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.
The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

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

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

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

Country-language: IN-en

ÖRYGGISBLAÐ

i.23 descaler foam

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

1.1. Vörukenni

Viðskiptaheiti:

i.23 descaler foam

UFI:

E094-SY4R-6T7V-FTJ3

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:

12.2.2025

Útgáfa öryggisblaðs:

1.0

1.4. Neyðarsímanúmer

Neyðarlínan: Sími 112.

Eitrunarmiðstöð Landsspítalans. Sími: 543 2222.

Sjá liður 4: Ráðstafanir í skyndihjálpi.

2. LIÐUR: HÆTTUGREINING

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

2.1. Flokkun efnis eða blöndunnar

Skin Corr. 1; H314, Veldur alvarlegum bruna á húð og augnskaða.

Eye Dam. 1; H318, Veldur alvarlegum augnskaða.

2.2. Merkingaratriði

Hættumerki:



Viðvörðunarorð:

Hætta

Hættusetningar:

Veldur alvarlegum bruna á húð og augnskaða. (H314)

Varnaðarsetningar:

Almennt:

-

Fyrirbygging:

Andið ekki að ykkur gufu/úða. (P260)

Notið augnhlífir/hlífðarhanska. (P280)

Viðbrögð:

EF Á HÚÐ (eða í hári): Fjarlægið þegar í stað allan mengaðan fatnað. Skolið húð með vatni eða farið í sturtu. (P303+P361+P353)

BERIST EFNID Í AUGU: Skolið varlega með vatni í nokkrar mínútur. Fjarlægið snertilinsur ef það er auðvelt. Skolið áfram (P305+P351+P338)

Hringið umsvifalaust í EITRUNARMÍÐSTÖÐ/lækni. (P310)

Geymsla:

-

Förgun:

Fargið innihaldi/íláti hjá í samræmi við staðbundnar reglur (P501)

Tilgreining efna sem valda alvarlegum heilsuvandamálum:

D-Glucopyranose, oligomers, decyloctyl glycoside

Viðbótarmerking:

UFI: E094-SY4R-6T7V-FTJ3

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

5% - 15%

· Ójónuð, yfirborðsvirk efni

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS-nr.: 68515-73-1 EB-nr.: REACH: Vísitala nr. :	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]

Urea hydrochloride	CAS-nr.: 506-89-8 EB-nr.: 208-059-6 REACH: Vísitala nr. :	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
sodium hydroxidecaustic soda	CAS-nr.: 1310-73-2 EB-nr.: 215-185-5 REACH: 01-2119457892-27-XXXX Vísitala nr. : 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)

Allar hættu-/áhættusetningar er að finna í liður 16. Notkunartakmörk eru tekin fram í liður 8 ef þau eru tiltæk.

Aðrar upplýsingar

UVCB = Óþekkt eða breytileg samsetning, flókin hvarfefni eða líffræðilegra efna

4. LIÐUR: RÁÐSTAFANIR Í SKYNDIHLJÁLPI

4.1. Lýsing á ráðstöfunum í skyndihjálpi

Almennar upplýsingar:

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

Innöndun:

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

Snerting við húð:

Skolið útsett svæði með vatni í langan tíma - að minnsta kosti 30 mínútur. Það kann að vera nauðsynlegt að skola í nokkrar klukkustundir. Notaðu þægilegan vatnshita (20-30 ° C). Hafðu samband við Poison Upplýsingar/lækni/sjúkrahús til að fá frekari ráðleggingar um eftirfylgni og meðferð. Takið viðkomandi úr fötum og skóm sem komist hafa í snertingu við efnið. Ef efnið hefur komist í snertingu við húðsvæði skal skola þau rækilega með vatni og sápu. Hægt er að nota húðhreinsi. NOTIÐ EKKI leysiefni eða þynni. Ef efnið ertir húð: Leitið lækni.

Snerting við augu:

BERIST EFNID Í AUGU: Skolið augu með vatni (20-30 °C) í a.m.k. 30 mínútur og haldið áfram þar til ertingin stöðvast. Fjarlægjið augnlinsur. Tryggið að skola svæðið undir efri og neðri augnlokunum. Hringið samstundis í lækni. Leitið tafarlausrar læknishjálpar og haldið áfram að skola meðan á flutningi stendur.

Inntaka:

Í tilfalli þar sem einstaklingur hefur gleypt efnið skal hafa tafarlaust samband við lækni. Ef viðkomandi er meðvitundarlaus skal gefa honum vatn. EKKI láta viðkomandi kasta upp nema slíkt sé ráðlagt af lækni. Látið höfuðið snúa niður á við til að uppgangurinn fari ekki aftur upp í munn og háls. Komið í veg fyrir að viðkomandi fái áfall með því að halda á honum hita og halda honum rólegum. Ef öndun stöðvast skal beita munn við munn aðferðinni. Ef viðkomandi er meðvitundarlaus skal velta honum yfir á hliðina og beygja efri fótlegg við hné og mjöðm. Hringið í sjúkrabíl.

Brunar:

Á ekki við.

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

Húðskemmdir: Þessi vara inniheldur ætandi efni. Ef gufu eða úða er andað inn geta lungun skaðast, það valdið ertingu og bruna í öndunarfærum en einnig hósta. Ætandi efni valda endanlegum skaða á augum og sýrur brenna húð.

4.3. Upplýsingar um tafarlaus lækniúmmönnun og sérstaka meðferð sem þörf er á

EF um váhrif eða hugsanleg váhrif er að ræða:
Leitið umsvifalaust lækni.

Upplýsingar fyrir lækna

Takið þetta öryggisblað með eða merkið sem er á vörunni

5. LIÐUR: RÁÐSTAFANIR VEGNA SLÖKKVIADGERÐA

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)

5.3. Ráðgjöf fyrir slökkviliðsmenn

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

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

6.1. Öryggisráðstafanir fyrir fólk, hlífðarbúnaður og neyðarráðstafanir

Forðist beina snertingu við efni sem lekið hefur eða skvest.
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 beina snertingu við vöruna.
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

Ílátum sem hafa verið opnuð verður að loka vel aftur og þau skal geyma upprétt til að koma í veg fyrir leka.

Ráðlagt geymsluefni:

Geymið eingöngu í upprunalegum umbúðum.

Geymsluskilyrði:

Þurr, svalur og vel loftræstur staður

Ósamrýmanleg efni:

Geymið eingöngu í upprunalegum umbúðum.

7.3. Sértek, endanleg notkun

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

8. LIÐUR: VÁHRIFAVARNIR/PERSÓNUHLÍFAR

8.1. Viðmiðunarmörk fyrir váhrif

Varan inniheldur engin efni sem eru á íslenskri skrá yfir efni með viðmiðunarmörk váhrifa.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Tímalengd:	Váhrifaleið:	DNEL:
Langtíma - Kerfisbundin áhrif - Almennigur	Innöndun	124 mg/m ³
Langtíma - Kerfisbundin áhrif - Verkamenn	Innöndun	420 mg/m ³
Langtíma - Kerfisbundin áhrif - Almennigur	Inntaka	35.7 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Almennigur	Snerting við húð	357000 mg/kg bw/day
Langtíma - Kerfisbundin áhrif - Verkamenn	Snerting við húð	595000 mg/kg bw/day

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Váhrifaleið:	Tímalengd notkunar:	PNEC:
Botnfall í ferskvatni		1.516 mg/kg
Botnfall í sjó		152 µg/kg
Ferskvatn		176 µg/L
Jarðvegur		654 µg/kg
Ósamfelld slepping (ferskvatn)		270 µg/L
Rándýr		111.11 mg/kg
Sjór		17.6 µg/L
Skólþvinnslustöð		560 mg/L

8.2. Takmörkun váhrifa

Beitið almennri stjórn til að koma í veg fyrir óparfa váhrif.

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:

Engin takmörk varðandi hámarksváhrif fyrir efnin sem þessi vara inniheldur.

Viðeigandi tæknilegar aðgerðir:

Gangið úr skugga um að augnaskolunarstöðvar og öryggissturtur séu staðsettar innan seilingar.

Viðhafið hefðbundnar varúðarráðstafanir við notkun vörunnar. Forðist innöndun gufa.

Aðgerðir í hollustumálum:

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

Aðgerðir til að forðast að efnið komist í umhverfið:

Geymið idræg efni nálægt vinnustaðnum. Safnið saman efni sem hefur lekið á meðan á vinnu stendur ef það er hægt.

Einstaklingsvarnir, s.s. Hlífðarbúnaður

Almennt:

Þvoðið fót, sem óhreinast af efninu, fyrir næstu notkun.

Notið einungis hlífðarbúnað með CE merkingu.

Öndunarbúnaður:

Gerð	Flokkur	Litur	Evrópustaðal
Ekki er þörf fyrir öndunarhlífar ef loftræsting er fullnægjandi			

Húðhlífar:

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

Handhlífar:

Ráðlagt	Þykkt (mm)	Gegnumbrots-tími (mín.)	Evrópustaðal
Nítrílgúmmí	0.4	> 480	EN374-2, EN374-3, EN388



Augnhlífar:

Gerð	Evrópustaðal
Notið öryggisgleraugu með hliðarhlíf.	EN166



9. LIÐUR: EÐLIS- OG EFNAFRÆÐILEGIR EIGINLEIKAR

9.1. Upplýsingar um eðlis- og efnafræðilega grunneiginleika

Form (fasí):

Vökvi

Litur:

Brúnt

Lykt / Lykt þröskuld (ppm):

Einkennandi

pH:

ca. 1.6

Eðlismassi (g/cm³):

1,05 (20 °C)

Kinematic seigja:

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

Agræieinkenni:

Á ekki við um vökva.

Fasabreytingar

Bræðslumark/Frystmark (°C):

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

Mýktarmark/-svið (°C):

Á ekki við um vökva.

Suðumark (°C):

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

Gufubrýstingur:

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

Hlutfallsleg gufupéttleiki:

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

Niðurbrotshitastig (°C):

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

Gögn um eld- og sprengihættu

Kveikjumark (°C):

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

Kveiking (°C):

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

Sjálfsíkveikjuhitastig (°C):

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

Sprengimörk (% v/v):

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

Uppleysanleiki

Uppleysanleiki í vatni:

Fullkomlega leysanlegt

n-oktanól/vatnsstuðull (LogKow):

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

Uppleysanleiki í fitu (g/L):

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

9.2. Aðrar upplýsingar

Aðrar eðlisfræðilegar og efnafræðilegar breytur:

ND: 1.354

Oxunareiginleikar:

Engin viðeigandi eða tiltæk gögn vegna eðlis vörunnar

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

Geymið eingöngu í upprunalegum umbúðum.

10.6. Hættuleg niðurbrotsefni

Varma niðurbrot getur myndað ætandi gufur.

11. LIÐUR: EITUREFNAFRÆÐILEGAR UPPLÝSINGAR

11.1. Upplýsingar um eiturfefnafræðileg áhrif

Bráð eiturrhif

Vara/innihaldsefnis	D-Glucopyranose, oligomers, decyloctyl glycoside
Prófunaraðferð:	OECD 401
Tegund:	Rotta

Váhrifaleið:	Inntaka
Próf:	LD50
Niðurstaða:	> 5.000 mg/kg

Vara/innihaldsefnis	D-Glucopyranose, oligomers, decyloctyl glycoside
Prófunaraðferð:	OECD 402
Tegund:	Kanína
Váhrifaleið:	Snerting við húð
Próf:	LD50
Niðurstaða:	> 2000 mg/L

Húðæting/húðerting

Vara/innihaldsefnis	D-Glucopyranose, oligomers, decyloctyl glycoside
Niðurstaða:	Ekki vart við neinar aukaverkanir (Ekki ertandi)

Veldur alvarlegum bruna á húð og augnskaða.

Alvarlegur augnskaði/augnerting

Vara/innihaldsefnis	D-Glucopyranose, oligomers, decyloctyl glycoside
Niðurstaða:	Vart varð við aukaverkanir (Veldur alvarlegum augnskaða)

Veldur alvarlegum augnskaða.

Næming öndunarfæra

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Húðnæming

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Stökkbreytandi áhrif á kímfrumur

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Krabbameinsvaldandi áhrif

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Eiturhrif á æxlun

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Sértæk eiturhrif á marklíffæri – váhrif í eitt skipti

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Sértæk eiturhrif á marklíffæri – endurtekin váhrif

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

Ásvelgingarhætta

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

11.2. Upplýsingar um aðrar hættur

Langvarandi áhrif

Húðskemmdir: þessi vara inniheldur ætandi efni. Ef gufu eða úða er andað inn geta lungun skaðast, það valdið ertingu og bruna í öndunarfærum en einnig hósta. Ætandi efni valda endanlegum skaða á augum og sýrur brenna húð.

Innkirtlatruflandi eiginleikar

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

Aðrar upplýsingar

Enginn kunnuglegur.

12. LIÐUR: VISTFRÆÐILEGAR UPPLÝSINGAR

12.1. Visteiturhrif

Vara/innihaldsefnis	D-Glucopyranose, oligomers, decyloctyl glycoside
Prófunaraðferð:	DIN EN ISO 7346-2
Tegund:	Fiskur, Brachydanio rerio
Próf:	LC50
Niðurstaða:	> 100 mg/L

Vara/innihaldsefnis D-Glucopyranose, oligomers, decyloctyl glycoside
 Prófunaraðferð: OECD 202
 Tegund: Daphnia magna
 Próf: EC50
 Niðurstaða: > 100 mg/L

Vara/innihaldsefnis D-Glucopyranose, oligomers, decyloctyl glycoside
 Tegund: Scenedesmus subspicatus
 Próf: EC50
 Niðurstaða: > 10 - 100 mg/L

Vara/innihaldsefnis D-Glucopyranose, oligomers, decyloctyl glycoside
 Prófunaraðferð: OECD 209
 Tegund: Pseudomonas putida
 Próf: EC0
 Niðurstaða: > 100 mg/l mg/L

Vara/innihaldsefnis D-Glucopyranose, oligomers, decyloctyl glycoside
 Prófunaraðferð: OECD 204
 Tegund: Fiskur, Brachydanio rerio
 Niðurstaða: > 1 - 10 mg/L

Vara/innihaldsefnis D-Glucopyranose, oligomers, decyloctyl glycoside
 Prófunaraðferð: OECD 202
 Tegund: Daphnia magna
 Próf: NOEC
 Niðurstaða: > 1 - 10 mg/L

12.2. Þrávirkni og niðurbrotanleiki

Vara/innihaldsefnis D-Glucopyranose, oligomers, decyloctyl glycoside
 Niðurstaða: Auðlífrjótanlegt

Yfirborðsvirku efnin í þessari vörur standast skilyrði um lífrænt niðurbrot eins og þau eru sett fram í reglugerð EB 648/2004. Niðurstöður sem styðja þessa fullyrðingu eru aðgengilegar fyrir hlutaðeigandi yfirvöld aðildarlandanna óski þau þess, eða ef framleiðandi hreinsiefni óskar þess.

12.3. Uppsöfnun í lífverum

Miðað við fánleg gögn eru flokkunarskilyrði ekki uppfyllt.

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

Um vöruna gilda reglugerðir varðandi hættulegan úrgang. (*)

HP 8 - Ætandi

Fargið innihaldi/íláti hjá í samræmi við staðbundnar reglur.

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

EWC-kóði:

20 01 29*

Hreinsiefni sem innihalda hættuleg efni

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	UN3265	ÆTANDI SÚR LÍFRÆNN VÖKVI, N.O.S.	Flokkur: 8 Nr. Varúðarmerkis: 8 Flokkunarkóði: C3 	III	Nei	Takmarkað magn: 5 L Jarðganga- kóði: (E) Sjá hér að neðan til að fá frekari upplýsingar
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Pökkunarflokkur

** Umhverfishættur

Viðbótarupplýsingar

Um þessa vöru gilda tilskipanir varðandi hættuleg efni.

ADR / Sjá töflu A, kafla 3.2.1 til að fá upplýsingar um sérstök ákvæði, kröfur eða viðvaranir sem tengjast flutningum.
Sjá kafla 5.4.3 til að fá leiðbeiningar um ritun mildun skemmda sem tengjast atvikum eða slysa við flutning.

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.

Einstaklingar sem ekki eru orðnir 18 ára mega ekki verða fyrir váhrifum efnisins.

Beiðnir um sérstaka þjálfun:

Engar sérstakar kröfur.

SEVESO:

Á ekki við.

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

5% - 15%

· Ójónuð, yfirborðsvirk efni

Viðbótarupplýsingar:

Yfirborðsvirku efnin í þessari vöru standast skilyrði um lífrænt niðurbrot eins og þau eru sett fram í reglugerð EB 648/2004. Niðurstöður sem styðja þessa fullyrðingu eru aðgengilegar fyrir hlutaðeigandi yfirvöld aðildarlandanna óski þau þess, eða ef framleiðandi hreinsiefni óskar þess.

Heimildir:

Tilskipun Evrópusambandsins nr. 94/33/EB um vinnuvernd barna og ungmenna.

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

Reglugerð framkvæmdastjórnarinnar (ESB) nr. 1357/2014 frá 18. desember 2014 um úrgang.
Reglugerð (EB) nr. 1272/2008 (CLP) um flokkun, merkingu og umbúðir efna og blanda (með áorðnum breytingum).
Reglugerð framkvæmdastjórnarinnar (ESB) nr. 1907/2006 (REACH).

15.2. Efnaöryggismat

Nei

16. LIÐUR: AÐRAR UPPLÝSINGAR

Allar hættu-/áhættusetningar er að finna í liður 3

H290, Getur verið ætandi fyrir málma.
H314, Veldur alvarlegum bruna á húð og augnskaða.
H315, Veldur húðertingu.
H318, Veldur alvarlegum augnskaða.
H319, Veldur alvarlegri augnertingu.
H335, Getur valdið ertingu í öndunarferum.

Skammstafanir og upphafsstafir

ADR = Evrópusamningnum um millilandaflutninga á hættulegum farmi á vegum
ATE = Matsgildi bráðra eiturhrifa
CAS = Efnafræðileg ágrípsþjónustan
CE = Conformité Européenne
CLP = Reglugerð um flokkun, merkingu og pökkun efna og blanda [Reglugerð (EB) nr. 1272/2008]
CLP-H setning = Hættusetning sem á við um flokkun, merkingu og umbúðir efna og efnablanda (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

Flokkun blöndunnar með hliðsjón af áhrifum hennar á heilsu er í samræmi við útreikningsaðferðir reglugerðar (EB) nr. 1270/2008 (CLP).
Flokkun blöndunnar með hliðsjón af húðertingu og alvarlegum augnskaða vegna hennar byggist á pH-reglunni sem tekin er fram í reglugerð (EB) nr. 1272/2008 (CLP).

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

SCHEMA DI DATI DI SICUREZZA

i.23 descaler foam

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

1.1. Identificatore del prodotto

Nome commerciale:

i.23 descaler foam

Identificatore unico di formula (UFI):

E094-SY4R-6T7V-FTJ3

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:

12/02/2025

Versione SDS:

1.0

1.4. Numero telefonico di emergenza

Centri AntiVeleni (CAV) attivi 24 ore al giorno:

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

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

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

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

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

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

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

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

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

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

Vedere la sezione 4 sulle misure di primo soccorso.

SEZIONE 2: IDENTIFICAZIONE DEI PERICOLI

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

2.1. Classificazione della sostanza o della miscela

Skin Corr. 1; H314, Provoca gravi ustioni cutanee e gravi lesioni oculari.

Eye Dam. 1; H318, Provoca gravi lesioni oculari.

2.2. Elementi dell'etichetta

Pittogrammi di pericolo:



Avvertenza:

Pericolo

Indicazioni di pericolo:

Provoca gravi ustioni cutanee e gravi lesioni oculari. (H314)

Consigli di prudenza:

Generale:

-

Prevenzione:

Non respirare i vapori/la nebbia. (P260)

Indossare proteggere gli occhi/guanti. (P280)

Reazione:

IN CASO DI CONTATTO CON LA PELLE (o con i capelli): togliersi di dosso immediatamente tutti gli indumenti contaminati. Sciacquare la pelle o fare una doccia. (P303+P361+P353)

IN CASO DI CONTATTO CON GLI OCCHI: sciacquare accuratamente per parecchi minuti. Togliere le eventuali lenti a contatto se è agevole farlo. Continuare a sciacquare. (P305+P351+P338)

Contattare immediatamente un CENTRO ANTIVELENI/medico. (P310)

Conservazione:

-

Smaltimento:

Smaltire il contenuto/recipiente in conformità alla regolamentazione locale (P501)

Contenuto:

D-Glucopyranose, oligomers, decyloctyl glycoside

Altre etichette:

UFI: E094-SY4R-6T7V-FTJ3

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

5% - 15%

· Tensioattivi Non ionici

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.
D-Glucopyranose, oligomers, decyloctyl glycoside	n. CAS: 68515-73-1 n. CE: REACH: n. indice:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	n. CAS: 506-89-8 n. CE: 208-059-6 REACH: n. indice:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
idrossido di sodio	n. CAS: 1310-73-2 n. CE: 215-185-5 REACH: 01-2119457892-27-XXXX n. indice: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

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

[19] UVCB = Indica sostanze di composizione sconosciuta o variabile, prodotti di una reazione complessa o materiali biologici.

SEZIONE 4: MISURE DI PRIMO SOCCORSO

4.1. Descrizione delle misure di primo soccorso

Generalità:

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

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

Inalazione:

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

Contatto con la pelle:

Sciacquare l'area esposta con acqua per lungo tempo - almeno 30 minuti. Potrebbe essere necessario risciacquare per diverse ore. Utilizzare una temperatura dell'acqua confortevole (20-30 °C). Contattare centro antiveneni/medico/ospedale per ulteriori consigli sul follow-up e sul trattamento.

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

In caso di irritazione della pelle: consultare un medico.

Contatto con gli occhi:

In caso di contatto con gli occhi: Risciacquare gli occhi con abbondante acqua (20-30 °C) finché l'irritazione non si attenua e per almeno 30 minuti. Rimuovere eventuali lenti a contatto. Cercare di risciacquare palpebre superiori e inferiori. Consultare subito un medico. Chiedere assistenza medica immediatamente e continuare a sciacquare durante il tragitto.

Ingestione:

In caso di ingestione, contattare immediatamente un medico. Somministrare all'infortunato acqua da bere se è cosciente. NON cercare di provocare il vomito a meno che non direttamente consigliato dal medico. Abbassare la

testa, in modo che eventuale vomito non risalga nella bocca e nella gola. Prevenire lo shock tenendo l'infortunato al caldo in un ambiente tranquillo. Praticare la respirazione artificiale in caso di difficoltà respiratorie. Se il paziente è incosciente, girarlo di lato e chiamare un'ambulanza

Combustione:

Non applicabile.

4.2. Principali sintomi ed effetti, sia acuti che ritardati

Effetti sui tessuti: il prodotto contiene sostanze corrosive. Se vengono inalati vapori o aerosol, possono insorgere danni ai polmoni e irritazione e fastidio all'apparato respiratorio, nonché tosse. Le sostanze corrosive provocano danni irreversibili agli occhi e corrodono la pelle.

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

IN CASO di esposizione o di possibile esposizione:

Consultare immediatamente un medico.

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 fognie.

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)

5.3. Raccomandazioni per gli addetti all'estinzione degli incendi

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

SEZIONE 6: MISURE IN CASO DI RILASCIO ACCIDENTALE

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

Evitare il contatto diretto con la sostanza versata.

Le aree contaminate possono essere scivolose.

6.2. Precauzioni ambientali

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

Tenere le persone non autorizzate lontane dalla fuoriuscita

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

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

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

6.4. Riferimento ad altre sezioni

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

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

SEZIONE 7: MANIPOLAZIONE E IMMAGAZZINAMENTO

7.1. Precauzioni per la manipolazione sicura

Evitare il contatto diretto con il prodotto.

Non fumare, mangiare né bere nei locali.

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

7.2. Condizioni per lo stoccaggio sicuro, comprese eventuali incompatibilità

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

Compatibilità degli imballaggi:

Conservare soltanto nell'imballaggio originale.

Condizioni di conservazione:

Asciutto, fresco e ben ventilato

Materiali incompatibili:

Conservare soltanto nell'imballaggio originale.

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

D-Glucopyranose,oligomers,decyloctyl glycoside

Durata:	Via di esposizione:	DNEL:
Lungo termine - effetti sistemici - lavoratori	Cutanea	595000 mg/kg/giorno
Lungo termine - effetti sistemici - popolazione generale	Cutanea	357000 mg/kg/giorno
Lungo termine - effetti sistemici - lavoratori	Inalazione	420 mg/m ³
Lungo termine - effetti sistemici - popolazione generale	Inalazione	124 mg/m ³
Lungo termine - effetti sistemici - popolazione generale	Orale	35.7 mg/kg/giorno

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Via di esposizione:	Durata dell'esposizione:	PNEC:
Acqua dolce		176 µg/L
Acqua marina		17.6 µg/L
Impianto di trattamento delle acque reflue		560 mg/L
Predatori		111.11 mg/kg
Rilascio intermittente (acqua dolce)		270 µg/L
Sedimenti di acqua dolce		1.516 mg/kg
Sedimenti di acqua marina		152 µg/kg
Terreno		654 µg/kg

8.2. Controlli dell'esposizione

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

Precauzioni generali:

Non fumare, mangiare né bere nei locali.

Scenari di esposizione:

Non ci sono scenari di esposizione implementati per questo prodotto.

Limiti di esposizione:

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

Misure tecniche:

Garantire che delle postazioni per il lavaggio oculare e delle docce di sicurezza si trovino a poca distanza.

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

Misure igieniche:

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

Misure per la limitazione dell'esposizione ambientale:

Quando si opera con questo prodotto, controllare che non vi siano materiali di sbarramento nelle immediate vicinanze, Se possibile, utilizzare vassoio anti-fuoriuscita durante il lavoro.

Misure di protezione individuale, quali dispositivi di protezione individuale

Generalità:

Lavare gli indumenti contaminati prima di indossarli nuovamente.
Usare solo equipaggiamento protettivo con il marchio CE.

Vie aeree:

Tipo	Classe	Colore	Norme	
La protezione respiratoria non è necessaria in caso di ventilazione adeguata				

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	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Occhi:

Tipo	Norme	
Indossare occhiali di sicurezza con protezioni laterali.	EN166	

SEZIONE 9: PROPRIETÀ FISICHE E CHIMICHE

9.1. Informazioni sulle proprietà fisiche e chimiche fondamentali

Stato fisico:

Liquido

Colore:

Marrone

Odore / Soglia olfattiva (ppm):

Caratteristico

pH:

ca. 1.6

Densità (g/cm³):

1,05 (20 °C)

Viscosità cinematica::

Nessun dato rilevante o disponibile data la natura del prodotto

Caratteristiche delle particelle:

Non si applica ai liquidi.

Modifica di stato e vapore

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

Nessun dato rilevante o disponibile data la natura del prodotto

Punto/intervallo di rammollimento (°C):

Non si applica ai liquidi.

Punto di ebollizione (°C):

Nessun dato rilevante o disponibile data la natura del prodotto

Pressione del vapore:

Nessun dato rilevante o disponibile data la natura del prodotto

Densità di vapore relativa:

Nessun dato rilevante o disponibile data la natura del prodotto

Temperatura di decomposizione (°C):

Nessun dato rilevante o disponibile data la natura del prodotto

Dati relativi al pericolo di incendio e di esplosione

Punto di fiamma (°C):

Nessun dato rilevante o disponibile data la natura del prodotto

Inflammabilità (°C):

Nessun dato rilevante o disponibile data la natura del prodotto

Temperatura di autoaccensione (°C):

Nessun dato rilevante o disponibile data la natura del prodotto

Limite di esplosione (% v/v):

Nessun dato rilevante o disponibile data la natura del prodotto

Solubilità

Solubilità in acqua:

Completamente solubile

Coefficiente n-ottanolo/acqua (LogKow):

Nessun dato rilevante o disponibile data la natura del prodotto

Solubilità in grassi (g/L):

Nessun dato rilevante o disponibile data la natura del prodotto

9.2. Altre informazioni

Altri parametri fisici e chimici:

ND: 1.354

Proprietà ossidanti:

Nessun dato rilevante o disponibile data la natura del prodotto

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

Conservare soltanto nell'imballaggio originale.

10.6. Prodotti di decomposizione pericolosi

La decomposizione termica può produrre vapori corrosivi.

SEZIONE 11: INFORMAZIONI TOSSICOLOGICHE

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

Tossicità acuta

Prodotto/ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Metodo di prova:	OCSE 401
Specie:	Ratto
Via di esposizione:	Orale
Test:	DL50
Risultato:	> 5.000 mg/kg

Prodotto/ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Metodo di prova:	OCSE 402
Specie:	Coniglio
Via di esposizione:	Cutanea
Test:	DL50
Risultato:	> 2000 mg/L

Corrosione/irritazione cutanea

Prodotto/ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Risultato:	Nessun effetto nocivo osservato (Non irritante)

Provoca gravi ustioni cutanee e gravi lesioni oculari.

Lesioni oculari gravi/irritazioni oculari gravi

Prodotto/ingrediente	D-Glucopyranose, oligomers, decyloctyl glycoside
Risultato:	Effetti nocivi osservati (Provoca gravi lesioni oculari)

Provoca gravi lesioni oculari.

Sensibilizzazione respiratoria

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

Effetti sui tessuti: il prodotto contiene sostanze corrosive. Se vengono inalati vapori o aerosol, possono insorgere danni ai polmoni e irritazione e fastidio all'apparato respiratorio, nonché tosse. Le sostanze corrosive provocano danni irreversibili agli occhi e corrodono la pelle.

Proprietà di interferenza con il sistema endocrino

Questa sostanza/miscela non contiene componenti considerati aventi proprietà che perturbano il sistema ormonale

in relazione alla salute.

Altre informazioni

Non noto.

SEZIONE 12: INFORMAZIONI ECOLOGICHE

12.1. Tossicità

Prodotto/ingrediente: D-Glucopyranose, oligomers, decyloctyl glycoside
 Metodo di prova: DIN EN ISO 7346-2
 Specie: Pesce, Brachydanio rerio
 Test: LC50
 Risultato: > 100 mg/L

Prodotto/ingrediente: D-Glucopyranose, oligomers, decyloctyl glycoside
 Metodo di prova: OCSE 202
 Specie: Daphnia magna
 Test: EC50
 Risultato: > 100 mg/L

Prodotto/ingrediente: D-Glucopyranose, oligomers, decyloctyl glycoside
 Specie: Scenedesmus subspicatus
 Test: EC50
 Risultato: > 10 - 100 mg/L

Prodotto/ingrediente: D-Glucopyranose, oligomers, decyloctyl glycoside
 Metodo di prova: OCSE 209
 Specie: Pseudomonas putida
 Test: EC0
 Risultato: > 100 mg/l mg/L

Prodotto/ingrediente: D-Glucopyranose, oligomers, decyloctyl glycoside
 Metodo di prova: OCSE 204
 Specie: Pesce, Brachydanio rerio
 Risultato: > 1 - 10 mg/L

Prodotto/ingrediente: D-Glucopyranose, oligomers, decyloctyl glycoside
 Metodo di prova: OCSE 202
 Specie: Daphnia magna
 Test: NOEC
 Risultato: > 1 - 10 mg/L

12.2. Persistenza e degradabilità

Prodotto/ingrediente: D-Glucopyranose, oligomers, decyloctyl glycoside
 Conclusione: Pronta biodegradabilità

Il(i) tensioattivo(i) contenuto(i) in questo formulato è (sono) conforme(i) ai criteri di biodegradabilità stabiliti dal regolamento (CE) n. 648/2004 relativo ai detersivi. Tutti i dati di supporto sono tenuti a disposizione delle autorità competenti degli Stati Membri e saranno forniti, su loro esplicita richiesta o su richiesta di un produttore del formulato, alle suddette autorità.

12.3. Potenziale di bioaccumulo

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

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 materiale non utilizzato può essere smaltito in accordo alle norme vigenti relativamente ai rifiuti speciali assimilabili agli urbani. (*)

HP 8 - Corrosivo

Smaltire il prodotto/recipiente in punti di raccolta per rifiuti pericolosi o speciali.

Regolamento (UE) n. 1357/2014 della Commissione del 18 dicembre 2014 relativo ai rifiuti.

Codice CER:

20 01 29* Detergenti contenenti sostanze pericolose

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 informazio ni:
ADR	UN3265	LIQUIDO ORGANICO CORROSIVO, ACIDO, N.A.S.	Classe: 8 Etichette: 8 Codice di classificazione: C3 	III	No	Quantità limitate: 5 L Codice di restrizione in galleria: (E) Vedere qui di seguito per maggiori informazio ni.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Gruppo d'imballaggio

** Pericoli per l'ambiente

Altro

Il prodotto rientra nell'elenco delle merci pericolose.

ADR / Vedere Tabella A, Sezione 3.2.1 per eventuali informazioni su misure, requisiti o avvertenze speciali riguardanti il trasporto. Vedere la sezione 5.4.3, per quanto attiene istruzioni scritte sulla mitigazione dei danni in caso di incidenti durante il trasporto.

14.6. Precauzioni speciali per gli utilizzatori

Non applicabile.

14.7. Trasporto marittimo alla rinfusa conformemente agli atti dell'IMO

Dati non disponibili.

SEZIONE 15: INFORMAZIONI SULLA REGOLAMENTAZIONE

15.1. Disposizioni legislative e regolamentari su salute, sicurezza e ambiente specifiche per la sostanza o la miscela

Limitazioni d'uso:

Usò ristretto agli utilizzatori professionali.
Il prodotto non deve essere utilizzato a livello professionale dai minori di anni 18.

Esigenza di istruzioni particolari:

Nessun requisito particolare.

SEVESO - Categorie / Sostanze pericolose:

Non applicabile.

Etichettatura dei contenuti conforme al Regolamento sui detergenti 648/2004:

5% - 15%
· Tensioattivi Non ionici

Altro:

Il(i) tensioattivo(i) contenuto(i) in questo formulato è (sono) conforme(i) ai criteri di biodegradabilità stabiliti dal regolamento (CE) n. 648/2004 relativo ai detergenti. Tutti i dati di supporto sono tenuti a disposizione delle autorità competenti degli Stati Membri e saranno forniti, su loro esplicita richiesta o su richiesta di un produttore del formulato, alle suddette autorità.

Fonti:

Attuazione della direttiva 94/33/CE relativa alla protezione dei giovani sul lavoro.
Regolamento (CE) n. 648/2004 del Parlamento europeo e del Consiglio, del 31 marzo 2004, relativo ai detergenti.
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

H290, Può essere corrosivo per i metalli.
H314, Provoca gravi ustioni cutanee e gravi lesioni oculari.
H315, Provoca irritazione cutanea.
H318, Provoca gravi lesioni oculari.
H319, Provoca grave irritazione oculare.
H335, Può irritare le vie respiratorie.

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

La classificazione della miscela con riguardo ai pericoli per la salute è conforme al metodi di calcolo fornito dal Regolamento CE n. 1272/2008 (CLP).

La classificazione della miscela con riguardo alla corrosione della pelle e a gravi danni agli occhi si basa sul criterio di correzione del pH fornito dal Regolamento.

Convalidato da

Quality & Compliance

Altro

La presenza di un triangolo indica una modifica rispetto alla versione precedente (primo numero nella versione SDS, vedere sezione 1).

Le indicazioni riportate nella presente scheda di dati di sicurezza si applicano esclusivamente al prodotto indicato nella sezione 1 e non si applicano necessariamente in caso di utilizzo con altri prodotti.

Si consiglia di consegnare la presente scheda di dati di sicurezza all'utente del prodotto. Le informazioni riportate non possono essere utilizzate come specifiche prodotto.

Nazione-lingua: IT-it

安全データシート

i.23 descaler foam

項目 1: 物質/製剤および会社/企業の特定

1.1. 製品識別子

製品名:
i.23 descaler foam

1.2. 推奨用途及び使用上の制限

物質または混合物で関連の特定使用:
洗剤および洗剤 (溶剤系を含む)
産業用専用。

対提言使用:
不明。

1.3. 安全データシートの供給業者の詳細

会社と住所:
Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

電子メール:
info@hygeniq.com

SDS 日付:
2025/02/12

SDS バージョン:
1.0

1.4. 緊急連絡用電話番号 (受付時間)

緊急時には119 (24時間サービス) に電話すること
公益財団法人 日本中毒情報センター: +81-72-727-2499
項目4を参照: 応急措置

項目 2: 危険有害性の要約

JISZ7252に基づく分類。

2.1. 物質または混合物の分類

Skin Corr. 1; H314, 重篤な皮膚の薬傷・眼の損傷
Eye Dam. 1; H318, 重篤な眼の損傷。

2.2. ラベル要素

危険有害性の絵文字:



注意喚起語:

危険

危険有害性情報:

重篤な皮膚の薬傷・眼の損傷 (H314)

注意書き:

概要:

-

安全対策:

蒸気/ミストを吸入しないこと (P260)

保護眼鏡/保護手袋着用すること。(P280)

応急措置:

皮膚(または髪)に付着した場合:直ちに汚染された衣類をすべて脱ぐこと。皮膚を水【またはシャワー】で洗うこと。(P303+P361+P353)

眼に入った場合:水で数分間注意深く洗うこと。次にコンタクトレンズを着用していて容易に外せる場合は外すこと。

その後も洗浄を続けること。(P305+P351+P338)

ただちに中毒センター/医師に連絡すること。(P310)

保管:

-

廃棄:

内容物/容器を現地の規制に廃棄すること。(P501)

危険有害性成分:

D-Glucopyranose,oligomers,decyloctyl glycoside

追加ラベル付け:

該当なし。

2.3. その他の危険有害性

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
D-Glucopyranose,oligomers,decyloctyl glycoside	CAS番号 : 68515-73-1 EC番号 :	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS番号 : 506-89-8 EC番号 : 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxidecaustic soda	CAS番号 : 1310-73-2 EC番号 : 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

UVCB = 未知または可変組成、複雑な反応生成物、または生物学的材料のもの。

項目4: 応急措置

4.1. 応急処置の解説

一般情報:

事故の場合：医師または緊急部門に連絡すること - ラベルまたはこの安全データシートを持参する。

被害者の状態に疑問がある場合、または症状が継続する場合は、医師に連絡すること。絶対に意識不明の人に水やその他の飲み物を与えないこと。

吸入した場合:

呼吸困難や気道を刺激した場合：被害者が新鮮な空気を吸える場所に移動し、一緒に付き添う。

皮膚に付着した場合:

露出した部分を長時間（少なくとも30分）水で洗い流す。数時間流す必要がある場合もあります。快適な水温（20-30℃）を使用すること。毒物情報/医師/病院に連絡し、経過観察および治療に関する詳しいアドバイスを受ける。

汚染された衣類や靴を直ちに取り除くこと。必ずばく露した皮膚を水と石鹸で十分に洗う。皮膚清拭剤も使用できる。

溶剤やシンナーは絶対に使用しない。

皮膚刺激が生じた場合:医師の診察/手当てを受けること。

眼に入った場合:

眼に入った場合:十分な水または食塩水(20-30℃)で少なくとも30分間目を洗い、刺激が止まるまで続ける。コンタクトレンズを外すこと。上下まぶたの下も洗うこと。直ちに医師の診断を受け、続けて洗うこと。直ちに医師の診察を受け、移送中には洗い流しを続けます。

飲み込んだ場合:

摂取の場合は、安全データシートまたはラベルを持参して、直ちに医師に連絡すること。被害者の意識がある場合は、水を与える。医師の勧めがない限り、絶対に嘔吐を誘発しないこと。嘔吐物が口や喉に戻るのを防ぐために頭を下にして押さえる。被害者を暖かくして落ち着かせ、ショックを防ぐこと。呼吸が止まったら直ちに蘇生を開始すること。意識不明の場合は、被害者を回復体位にすること。救急車を呼ぶこと。

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

組織への有害な影響：この製品には、皮膚腐食性の物質が含まれている。吸入した蒸気またはエアロゾルは呼吸器の刺激ややけどのほかに、咳など肺への副作用を発生させる。皮膚や眼との接触は不可逆的な作用を起こす。

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

ばく露またはばく露の懸念がある場合:

直ちに医師に診察/手当てを受けること。

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)

5.3. 消防士に対する助言

接触を防ぐために、自給式呼吸装置と防護服を着用すること。直接ばく露した場合は、引き続き助言を得るために緊急サービス (119) に連絡すること。

項目6: 漏出時の措置

- 6.1. 人体に対する注意事項, 保護具及び緊急時措置
流出した物質との直接接触は避けること。
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
製品との直接接触は避けること。
作業場での喫煙、飲酒、食べ物の摂取は禁止する。
作業場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
開封した容器は、漏れを防ぐために慎重に再び封じ、直立で保管する必要がある。
推奨保管材料:
他の容器に移し替えないこと。
保管条件:
乾燥、涼しい、十分な換気
混触危険物質:
他の容器に移し替えないこと。
- 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:
洗眼場と安全シャワーが至近距離にあるようにする。
本製品の使用中には、標準的予防措置が適用されます。蒸気の吸入を避けます。

衛生対策:

製品の使用の間と、作業日の終わりには、体のすべてのばく露部分を徹底的に洗浄する必要がある。手、前腕、顔には特に注意を払います。

環境暴露管理:

職場の近くにせき止め材を保管すること。可能であれば、作業中にこぼれたものを収集すること。

個人の保護措置

一般的:

汚染された衣類を再使用する場合には洗濯をすること。
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	
呼吸保護装置は必要ない				

身体保護具:

推奨	タイプ / カテゴリ	標準	
目的のとおりを使用する場合は、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	
ニトリル ゴム、	0.4	> 480	EN374-2, EN374-3, EN388	

保護眼鏡/保護面:

推奨	標準	
サイドシールド付き安全メガネ	EN166	

項目9: 物理的及び化学的性質

9.1. 基本的な物理学および化学的特性に関する情報

物理的状:

液体

色:

茶色

臭い:

特性

臭気しきい値 (ppm) :

製品の性質上、関連または入手可能なデータはありません

pH:

ca. 1.6

比重 (g/cm³):

1.05 (20 °C)

粘度:

製品の性質上、関連または入手可能なデータはありません

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):

製品の性質上、関連または入手可能なデータはありません

軟化点/範囲 (°C):

液体には適用されません。

沸点/沸騰範囲 (°C):

製品の性質上、関連または入手可能なデータはありません

蒸気圧:

製品の性質上、関連または入手可能なデータはありません

蒸気密度:

製品の性質上、関連または入手可能なデータはありません

分解温度 (°C):

製品の性質上、関連または入手可能なデータはありません

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):

製品の性質上、関連または入手可能なデータはありません

引火性 (°C):

製品の性質上、関連または入手可能なデータはありません

自然発火温度 (°C):

製品の性質上、関連または入手可能なデータはありません

爆発 (燃焼) 限界の上限および下限 (% v/v):

製品の性質上、関連または入手可能なデータはありません

溶解度

水中の溶解度:

完全に溶ける

分配係数 (LogKow):

製品の性質上、関連または入手可能なデータはありません

脂肪の溶解度 (g/L) :

製品の性質上、関連または入手可能なデータはありません

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: 1.354

酸化特性:

製品の性質上、関連または入手可能なデータはありません

項目10: 安定性及び反応性

10.1. 反応性

利用可能なデータなし。

10.2. 化学的安定性

製品は「取り扱いと保管」のセクションに記載されている条件下で安定している。

10.3. 危険有害反応可能性

不明。

10.4. 避けるべき条件

不明。

10.5. 混触危険物質

他の容器に移し替えないこと。

10.6. 危険有害な分解生成物

熱分解は、腐食性蒸気を発生させる。

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	D-Glucopyranose, oligomers, decyloctyl glycoside
試験方法:	OECD 401
種類:	ラット
暴露経路:	経口
テスト:	LD50
結果:	> 5.000 mg/kg

製品 / 成分	D-Glucopyranose, oligomers, decyloctyl glycoside
試験方法:	OECD 402
種類:	ウサギ
暴露経路:	皮膚
テスト:	LD50
結果:	> 2000 mg/L

刺激性/腐食性

製品 / 成分	D-Glucopyranose, oligomers, decyloctyl glycoside
結果:	副作用は認められない (刺激しない)

重篤な皮膚の葉傷・眼の損傷

重篤な眼の損傷/刺激

製品 / 成分	D-Glucopyranose, oligomers, decyloctyl glycoside
結果:	副作用が認められる (重篤な眼の損傷)

重篤な眼の損傷。

呼吸器ま感作

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。

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

組織への有害な影響：この製品には、皮膚腐食性の物質が含まれている。吸入した蒸気またはエアロゾルは呼吸器の刺激ややけどのほかに、咳など肺への副作用を発生させる。皮膚や眼との接触は不可逆的な作用を起こす。

項目12: 環境影響情報

12.1. 毒性

製品 / 成分 D-Glucopyranose,oligomers,decyloctyl glycoside
 試験方法: DIN EN ISO 7346-2
 種類: 魚類, Brachydanio rerio
 テスト: LC50
 結果: > 100 mg/L

製品 / 成分 D-Glucopyranose,oligomers,decyloctyl glycoside
 試験方法: OECD 202
 種類: Daphnia magna
 テスト: EC50
 結果: > 100 mg/L

製品 / 成分 D-Glucopyranose,oligomers,decyloctyl glycoside
 種類: Scenedesmus subspicatus
 テスト: EC50
 結果: > 10 - 100 mg/L

製品 / 成分 D-Glucopyranose,oligomers,decyloctyl glycoside
 試験方法: OECD 209
 種類: Pseudomonas putida
 テスト: EC0
 結果: > 100 mg/l mg/L

製品 / 成分 D-Glucopyranose,oligomers,decyloctyl glycoside
 試験方法: OECD 204
 種類: 魚類, Brachydanio rerio
 結果: > 1 - 10 mg/L

製品 / 成分 D-Glucopyranose,oligomers,decyloctyl glycoside
 試験方法: OECD 202
 種類: Daphnia magna
 テスト: NOEC
 結果: > 1 - 10 mg/L

12.2. 残留性・分解性

製品 / 成分 D-Glucopyranose,oligomers,decyloctyl glycoside
 結論: 生分解しやすい

12.3. 生体蓄積性

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。

12.4. 土壤中の移動性

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

内容物/容器をに廃棄すること。

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	UN3265	その他の腐食性物質（有機物）（液体）（酸性のもの）	クラス 等級: 8 等級: 8 Classification code: C3 	III	いいえ	許容質量: 5 L ンネル制限 コード: (E) 追加情報については、 以下を参照してください。
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* 容器等級

** 環境有害性

追加情報

この製品は危険物の輸送規制範囲内である。

ADR / 輸送に関連した特別な規定、要求事項又は注意事項に関する情報については3.2.1項の表Aを参照して下さい。輸送中の事件又は事故によって生じた損傷の緩和に関する書面での説明については5.4.3項を参照して下さい。

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。

18歳未満の方は、本製品へのばく露を避けるべきである。

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

H290, 金属腐食のおそれ

H314, 重篤な皮膚の薬傷・眼の損傷

H315, 皮膚刺激。

H318, 重篤な眼の損傷。

H319, 強い眼刺激。

H335, 呼吸器への刺激のおそれ。

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

健康被害に関する混合物の分類はJISZ 7252の計算方法に従う。

皮膚腐食や重篤な目の損傷に関する混合物の分類はJISZ 7252のpH基準に基づく。

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情報はこの特定製品 (セクション1に記載) にのみ適用され、他の化学薬品/製品で使用する場合は必ずしも正しいものではない。

この安全データシートを、製品の実際の利用者に渡すことを推奨する。この安全データシートの情報は製品仕様としては使用できない。
国-言語 : JP-ja

안전 데이터 시트

i.23 descaler foam

1: 물질/제품과 회사 정보

1.1. 제품 식별명

제품명:
i.23 descaler foam

1.2. 제품의 권고 용도와 사용상의 제한

물질 또는 혼합물의 적절한 식별 용도:
세제 및 세정제(솔벤트 기반 세제 포함)
산업용으로만 사용하십시오.

권고되는 사용 대상:
알려진 바 없습니다.

1.3. 물질안전보건자료의 공급자에 대한 자세한 사항

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

이메일:
info@hygeniq.com

SDS 날짜:
2025. 2. 12.

SDS 버전:
1.0

1.4. 긴급전화번호

응급의료센터: 1339(24시간 서비스)
섹션 4: 응급조치

2: 유해성·위험성

화학물질의 분류 표시 및 물질안전보건자료에 관한 기준(고용노동부 제2023-9호)에 따라 분류합니다.

2.1. 물질 또는 혼합물의 분류

Skin Corr. 1; H314, 피부에 심한 화상과 눈 손상을 일으킴.
Eye Dam. 1; H318, 눈에 심한 손상을 일으킴.

2.2. 표지 요소

유해 그림문자:



화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

신호어:

위험

유해·위험 문구:

피부에 심한 화상과 눈 손상을 일으킴. (H314)

눈에 심한 손상을 일으킴. (H318)

예방조치 문구:

일반:

-

예방:

보안경/보호장갑 착용하십시오. (P280)

대응:

눈에 묻으면 몇 분간 물로 조심해서 씻으십시오. 가능하면 콘택트렌즈를 제거하십시오. 계속 씻으십시오. (P305+P351+P338)

즉시 의료기관(의사)의 진찰을 받으십시오. (P310)

저장:

-

폐기:

-

내용량, 성분 및 함유량:

D-Glucopyranose, oligomers, decyloctyl glycoside

추가 라벨링:

해당사항 없음.

2.3. 기타 위험성

3: 구성성분의 명칭 및 함유량

3.1. 물질

해당사항 없음. 이 제품은 혼합물입니다.

3.2. 혼합물

제품/성분	식별자	% w/w	분류	참고
물	CAS번호: 7732-18-5 EC: 231-791-2	80-95%		
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS번호: 68515-73-1 EC:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
D-glucono-1,5-lactone	CAS번호: 90-80-2 EC: 202-016-5	3-5%		
Urea hydrochloride	CAS번호: 506-89-8 EC: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)	CAS번호: 164462-16-2 EC: 605-362-9	1-3%		
Xanthan gum	CAS번호: 11138-66-2 EC: 234-394-2	<0.25%		

섹션 16에 언급된 H-문구 전문을 참조하십시오. 작업장 노출 한도 자료가 있을 경우 섹션 8에 나옵니다.

그 밖의 참고사항

UVCB = 알 수 없거나 가변적인 조성, 복잡한 반응 생성물 또는 생물학적 물질

4: 응급조치 요령

4.1. 응급조치에 관한 기술

일반:

사고의 경우: 의사 또는 사상자 부서에 문의하고 (119) 라벨이나 이 물질 안전 보건자료를 지참하십시오.

부상 당한 사람의 상태가 의심되거나 증상이 지속되면 의사에게 문의하십시오. 의식이 없는 사람에게 물이나 다른 음료를 주지 마십시오.

흡입했을 때:

호흡 곤란 또는 호흡기 자극 시: 사람을 신선한 공기가 있는 곳으로 데려가서 함께 머무십시오.

피부에 접촉했을 때:

노출된 부위를 30분 이상 물로 씻어내십시오. 몇 시간 동안 씻어내야 할 수도 있습니다. 편안한 수온(20-30 °C)을 사용하십시오. 후속 조치 및 치료에 대한 자세한 내용은 독물 정보/의사/병원에 문의하십시오.

오염된 의복과 신발을 즉시 벗기십시오. 물과 비누로 노출된 피부를 철저히 씻으십시오. 피부 클렌저를 사용할 수 있습니다. 용제나 희석제를 사용하지 마십시오.

피부 자극이 생기면 의학적인 조언·주의를 받으십시오.

눈에 들어갔을 때:

눈에 묻으면: 다량의 물 또는 바닷물(20-30 °C)로 30분 이상 눈을 씻고 자극이 멈출 때까지 계속하십시오. 콘택트렌즈를 빼십시오. 위 아래 눈꺼풀 밑을 씻어 내십시오. 즉시 의료 지원을 요청하고 세척을 계속하십시오.

먹었을 때:

의식이 있을 경우 물로 입을 행군 뒤 곁에 있으십시오. 증상이 있으면 즉시 의사의 진단을 받고 이 물질 안전 보건자료나 라벨을 가져가십시오. 의사가 권장하지 않는 한 구토를 유도하지 마십시오. 피해자가 구토물을 흡입하거나 질식하는 일이 없도록 머리를 아래로 하여 몸을 앞으로 숙이도록 하십시오.

화상:

해당사항 없음.

4.2. 가장 중요한 급성 및 지연 증상과 영향

제품에는 심각한 눈 손상을 일으키는 물질이 포함되어 있습니다. 이러한 물질과 접촉하면 눈에 돌이킬 수 없는 영향을 주거나 심각한 눈 상을 일으킬 수 있습니다.

4.3. 즉시 필요한 의학적 주의사항 및 특별한 처치 지침

노출 또는 노출이 우려되면

즉시 의학적인 조치·조언을 구하십시오.

기타 의사의 주의사항

이 물질 안전 보건자료를 지참하십시오.

5: 폭발·화재시 대처방법

5.1. 소화제

해당사항 없음.

5.2. 물질 또는 혼합물로부터 발생하는 특별한 위험

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)

5.3. 화재 진압에 대한 조언

접촉 방지를 위해 자급식 호흡 장비 및 보호복을 착용하십시오. 직접 노출 시 추가 조언을 얻기 위해 응급의료센터(119)에 연락하십시오.

6: 누출 사고 시 대처방법

- 6.1. 인체를 보호하기 위해 필요한 조치 사항 및 보호구**
유출된 물질에 직접 접촉하지 마십시오.
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**
제품과 직접 접촉하지 마십시오.
작업 구역에서는 흡연, 음주 및 음식 섭취가 금지됩니다.
개인 보호에 대한 정보는 '노출방지 및 개인보호구' 섹션을 참조하십시오.
- 7.2. 안전한 저장 방법(피해야 할 조건을 포함함)**
개봉한 용기는 누출을 방지하기 위해 조심스럽게 다시 밀봉하고 똑바로 세워야 합니다.
권장되는 보관재료:
원래의 용기에만 보관하십시오.
보관 조건:
건조하고 시원하며 통풍이 잘 됨
피해야 할 물질:
원래의 용기에만 보관하십시오.
- 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:
눈 세척기와 안전 샤워기가 손이 닿는 곳에 있도록 하십시오.
제품 사용시 표준 예방 조치에 따르다. 수증기 흡입을 피한다.

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

위생상 주의사항:

제품 사용 도중 및 작업 종료시 신체의 모든 노출 부위를 철저히 세척해야 합니다. 손, 팔뚝, 얼굴을 특히 주의하십시오.

환경 노출 관리:

특정한 요구 사항 없음.

개인 보호 조치

일반:

KC 마크 보호 장비만 사용하십시오.

호흡기 보호:

유형	등급	색상	표준
호흡기 보호가 필요하지 않습니다			

신체 보호:

추천	타입/범주	표준
의도한 대로 사용하면 특별하지 않습니다	-	-

손 보호:

물질	장갑 두께 (mm)	돌파 시간 (분)	표준
니트릴 고무	0.4	> 480	EN374-2, EN374-3, EN388



눈/안면 보호구:

유형	표준
측면 실드가 있는 안전 안경	EN166



9: 물리화학적 특성

9.1. 물리화학적 특성에 관한 정보

물리적 상태:

액체

색:

브라운

냄새:

특성

냄새 역치 (ppm):

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

pH:

ca. 1.6

비중 (g/cm³):

1.05 (20 °C)

점도:

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

입자 특성:

액체에 사용하지 마십시오.

위상 변화

녹는점/어는점 (°C):

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

액체에 사용하지 마십시오.

초기 끓는점과 끓는점 범위 (°C):

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

증기압:

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

증기밀도:

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

분해 온도 (°C):

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

화재 및 폭발 위험에 관한 데이터

인화점 (°C):

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

인화성 (°C):

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

자연발화 온도 (°C):

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

인화 또는 폭발 범위의 상한/하한 (% v/v):

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

용해도

물 용해도:

완전히 용해 가능

분배계수 (LogKow):

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

지방 용해도 (g/L):

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

9.2. 그 밖의 참고사항

기타 물리적 및 화학적 매개변수:

ND: 1.354

산화성:

제품의 특성상 관련 또는 사용 가능한 데이터가 없습니다.

10: 안정성 및 반응성

10.1. 반응성

자료 없음.

10.2. 화학적 안정성

이 제품은 7'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

원래의 용기에만 보관하십시오.

10.6. 분해시 생성되는 유해물질

열분해 시 부식성 증기가 발생할 수 있습니다.

11: 독성에 관한 정보

11.1. 독성 영향에 관한 정보

급성 독성

제품/성분	D-Glucopyranose, oligomers, decyloctyl glycoside
실험 방법:	OECD 401
생물종:	쥐
노출 경로:	경구
시험:	LD50
결과:	> 5.000 mg/kg

제품/성분	D-Glucopyranose, oligomers, decyloctyl glycoside
실험 방법:	OECD 402
생물종:	토끼
노출 경로:	피부
시험:	LD50
결과:	> 2000 mg/L

자극성/부식성

제품/성분	D-Glucopyranose, oligomers, decyloctyl glycoside
결과:	관찰된 부작용 없음 (자극 없음)

심한 눈 손상/자극

제품/성분	D-Glucopyranose, oligomers, decyloctyl glycoside
결과:	관찰된 부작용 (눈에 심한 손상을 일으킴)

눈에 심한 손상을 일으킴.

호흡기 과민성

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

제품에는 심각한 눈 손상을 일으키는 물질이 포함되어 있습니다. 이러한 물질과 접촉하면 눈에 돌이킬 수 없는 영향을 주거나 심각한 눈 손상을 일으킬 수 있습니다.

12: 환경에 미치는 영향

12.1. 독성

제품/성분	D-Glucopyranose, oligomers, decyloctyl glycoside
실험 방법:	DIN EN ISO 7346-2

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

생물종:	물고기, Brachydanio rerio
시험:	LC50
결과:	> 100 mg/L
제품/성분	D-Glucopyranose, oligomers, decyloctyl glycoside
시험 방법:	OECD 202
생물종:	Daphnia magna
시험:	EC50
결과:	> 100 mg/L
제품/성분	D-Glucopyranose, oligomers, decyloctyl glycoside
생물종:	Scenedesmus subspicatus
시험:	EC50
결과:	> 10 - 100 mg/L
제품/성분	D-Glucopyranose, oligomers, decyloctyl glycoside
시험 방법:	OECD 209
생물종:	Pseudomonas putida
시험:	EC0
결과:	> 100 mg/l mg/L
제품/성분	D-Glucopyranose, oligomers, decyloctyl glycoside
시험 방법:	OECD 204
생물종:	물고기, Brachydanio rerio
결과:	> 1 - 10 mg/L
제품/성분	D-Glucopyranose, oligomers, decyloctyl glycoside
시험 방법:	OECD 202
생물종:	Daphnia magna
시험:	NOEC
결과:	> 1 - 10 mg/L

12.2. 잔류성 및 분해성

제품/성분	D-Glucopyranose, oligomers, decyloctyl glycoside
결론:	쉽게 생분해 가능

12.3. 생물 농축성

사용 가능한 데이터를 기준으로 할 때 분류 기준이 충족되지 않습니다.

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 UN번호	14.2 적정 선적명	14.3 범주	14.4 PG*	14.5 Env**	그 밖의 참고 사항:
ADR	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	수업: 8 라벨: 8 분류 코드: C3 	III	아니오	제한된 수량: 5 L 터널 제한 코드: (E) 추가 정보는 아래를 참조해 주십시오.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* 포장 그룹

** 환경 유해성

추가 정보

ADR / 운송과 관련된 특수 조항, 요구 조건 또는 경고에 대한 정보는 표 A, 섹션 3.2.1을 참조하십시오. 운송 중 사고 또는 사고와 관련된 손상 완화에 대한 서면 지침은 섹션 5.4.3을 참조하십시오.

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:
산업용으로만 사용하십시오.

특정 교육에 대한 요구:
특정한 요구 사항 없음.

추가 정보:
해당사항 없음.

중점관리물질:
구성 성분이 나와있지 않습니다

KECI:

D-Glucopyranose, oligomers, decyloctyl glycoside 가 나열되어 있습니다.
Urea hydrochloride 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

화학물질의 분류, 표시 및 물질안전보건자료에 관한 기준, 제10조 따름

섹션 3에 언급된 **H-문구** 전문

- H315, 피부에 자극을 일으킴.
- H318, 눈에 심한 손상을 일으킴.
- H319, 눈에 심한 자극을 일으킴.
- H335, 호흡기계 자극을 일으킬 수 있음.

섹션 1에 언급된 식별된 사용의 전문

알려진 바 없습니다.

약어 및 두문자어

- ADN = 내륙 수로에 의한 위험물 국제 운송에 관한 유럽 규정
- ADR = 위험물 국제 도로 운송에 관한 유럽 협약
- ATE = 급성 독성 추정
- BCF = 생물농축 계수
- CAS = 화학논문 초록 서비스
- EINECS = 유럽 기존 상용 화학 물질 목록
- GHS = 화학물질 분류 표시 국제조화시스템
- IARC = 국제암연구기관
- IATA = 국제항공운송 협회
- IMDG = 국제해상위험물
- KECI = 한국 기존 화학 물질 목록
- LogPow = 옥탄올/물 분배 계수의 로그
- MARPOL = 1978년 의정서에 의해 수정된 1973년 해양오염방지협약 ("Marpol"= 해양 오염)
- MoE = 환경부공고
- OECD = 경제협력개발기구
- PBT = 잔류성, 생물농축성, 독성
- RID = 위험물 국제 철도 운송에 관한 규정
- RRN = REACH 등록 번호
- SCL = 에는 특정 농도 한계(SCL)가 있습니다.
- STEL = 단기 노출 한도
- STOT-RE = 특정 대상 장기 독성-반복 노출
- STOT-SE = 특정 대상 장기 독성-단일 노출
- TWA = 시간 가중 평균
- UN = 국제연합
- VOC = 휘발성 유기 화합물
- vPvB = 고잔류성, 고생물농축성

추가 정보

- 건강 위험과 관련하여 혼합물의 분류는 화학 물질 및 물질 안전 보건 자료의 분류 라벨링 표준(MoEL No. 2023-9)에 의해 제공된 계산 방법을 따릅니다.
- 피부 부식 및 심한 눈 손상과 관련한 혼합물의 분류는 화학 물질 및 물질 안전 보건 자료의 분류 라벨링 표준(MoEL No. 2023-9)에 제공된 pH 기준을 근거로 합니다.

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

i.23 descaler foam

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

SDS created for KUWAIT according to GHS

1.1. Product identifier

Trade name:

i.23 descaler foam

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:

12/02/2025

SDS Version:

1.0

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:
Danger

Hazard statement(s):
Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

Not applicable.

2.3. Other hazards

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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 direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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:

Ensure that eyewash stations and safety showers are located within easy reach.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.
Use only CE marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Brown

Odour:

Characteristic

Odour threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

Explosion limits (% v/v):

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

No data available.

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: EC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Species: Scenedesmus subspicatus
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 209
 Species: Pseudomonas putida
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, Brachydanio rerio
 Result: > 1 - 10 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: NOEC
 Result: > 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

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

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

Dispose of contents/container to an approved waste disposal plant.

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

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.

People under the age of 18 shall not be exposed to this product.

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

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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 GHS the evaluation of the classification of the mixture is based on:
The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.
The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

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

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

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

Country-language: KW-en

SAFETY DATA SHEET

i.23 descaler foam

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

SDS created for the REPUBLIC OF NORTH MACEDONIA according to GHS

1.1. Product identifier

Trade name:

i.23 descaler foam

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:

12/02/2025

SDS Version:

1.0

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:
Danger

Hazard statement(s):
Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

Not applicable.

2.3. Other hazards

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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 direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:
Keep only in original packaging.

Storage conditions:
Dry, cool and well ventilated

Incompatible materials:
Keep only in original packaging.

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:

Ensure that eyewash stations and safety showers are located within easy reach.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.
Use only CE marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Brown

Odour:

Characteristic

Odour threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

Explosion limits (% v/v):

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

No data available.

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: EC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Species: Scenedesmus subspicatus
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 209
 Species: Pseudomonas putida
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, Brachydanio rerio
 Result: > 1 - 10 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: NOEC
 Result: > 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

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

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

Dispose of contents/container to an approved waste disposal plant.

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

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.

People under the age of 18 shall not be exposed to this product.

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

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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 GHS the evaluation of the classification of the mixture is based on:
The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.
The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

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

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

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

Country-language: MK-en

SAFETY DATA SHEET

i.23 descaler foam

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

1.1. Product identifier

Trade name:

i.23 descaler foam

Unique formula identifier (UFI):

E094-SY4R-6T7V-FTJ3

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:

12/02/2025

SDS Version:

1.0

1.4. Emergency telephone number

Emergency: 112 (24h service)

Hospital Malta Mater Dei, Medicines & Poisons information office: +356 2545 6508

See also section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

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

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.

Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:
Danger

Hazard statement(s):
Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

UFI: E094-SY4R-6T7V-FTJ3

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

5% - 15%
· Non-ionic surfactants

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.: REACH: Index No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	

	REACH: Index No.:		STOT SE 3, H335	
sodium hydroxide;caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5 REACH: 01-2119457892-27-XXXX Index No.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet. The doctor can contact Hospital Malta Mater Dei, Medicines & Poisons information office: +356 2545 6508
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.
Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure call 112 for emergencies otherwise contact Hospital Malta Mater Dei, Medicines & Poisons information office: +356 2545 6508 in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

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 direct contact with the product.

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

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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

D-Glucopyranose,oligomers,decyloctyl glycoside

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	357000 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	595000 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	124 mg/m ³
Long term – Systemic effects - Workers	Inhalation	420 mg/m ³
Long term – Systemic effects - General population	Oral	35.7 mg/kg bw/day

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		176 µg/L
Freshwater sediment		1.516 mg/kg
Intermittent release (freshwater)		270 µg/L
Marine water		17.6 µg/L
Marine water sediment		152 µg/kg
Predators		111.11 mg/kg
Sewage treatment plant		560 mg/L
Soil		654 µg/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:

Ensure that eyewash stations and safety showers are located within easy reach.

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

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.

Use only CE marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

Brown

Odour / Odour threshold:

Characteristic

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

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

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

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

Acute toxicity

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	DIN EN ISO 7346-2
Species:	Fish, Brachydanio rerio
Test:	LC50
Result:	> 100 mg/L

Product/substance	D-Glucopyranose,oligomers,decyloctyl glycoside
Test method:	OECD 202

Species:	Daphnia magna
Test:	EC50
Result:	> 100 mg/L
Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Species:	Scenedesmus subspicatus
Test:	EC50
Result:	> 10 - 100 mg/L
Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 209
Species:	Pseudomonas putida
Test:	EC0
Result:	> 100 mg/l mg/L
Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 204
Species:	Fish, Brachydanio rerio
Result:	> 1 - 10 mg/L
Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 202
Species:	Daphnia magna
Test:	NOEC
Result:	> 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Conclusion:	Readily biodegradable

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

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

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 covered by the regulations on hazardous waste. (*)
 HP 8 – Corrosive
 Dispose of contents/container to an approved waste disposal plant.
 Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code:

20 01 29* Detergents containing dangerous substances

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

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.

People under the age of 18 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

SEVESO - Categories / dangerous substances:

Not applicable.

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

5% - 15%

· Non-ionic surfactants

Additional information:

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources:

Protection Of Young Persons At Work Places Regulations, 1st January 2002 (Subsidiary Legislation 424.10)
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP).

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

i.23 descaler foam

BAHAGIAN 1: PENGENALAN BAHAN KIMIA DAN PEMBEKAL

1.1. Pengecam produk

Nama dagang:
i.23 descaler foam

1.2. Kegunaan relevan yang dikenal pasti bagi zat atau campuran serta kegunaan yang tidak dinasihatkan

Penggunaan bahan atau campuran yang dikenal pasti relevan:
Detergen dan agen pembersih (termasuk yang berasaskan pelarut)
Terhad kepada penggunaan perindustrian dan profesional.

Penggunaan dilarang terhadap:
Tidak diketahui.

1.3. Butir-butir pembekal risalah data keselamatan

Butiran syarikat:
Hygeniq B.V.
Lenteweg 15
7532 RV Enschede
Nederland
0534282860

E-mel:
info@hygeniq.com

Tarikh SDS:
12/02/2025

Versi SDS:
1.0

1.4. Nombor telefon kecemasan

Pusat Racun Kebangsaan (Pulau Pinang): Tel: 04 657 0099 (Isnin-Jumaat 08:10pg - 5:10pg), Tel: 012 430 9499 (Isnin-Jumaat 5:10ptg-10:00mlm ; Hujung minggu & cuti umum 8.10pg - 5.10ptg)
Lihat seksyen 4: Langkah pertolongan cemas

BAHAGIAN 2: PENGENALAN BAHAYA

2.1. Klasifikasi bahan atau campuran

Skin Corr. 1; H314, Menyebabkan lecuran kulit dan kerosakan mata yang teruk.
Eye Dam. 1; H318, Menyebabkan kerosakan mata yang serius.

2.2. Unsur-unsur label

Piktogram bahaya:



Kata isyarat:
Bahaya

Pernyataan bahaya:

Menyebabkan lecuran kulit dan kerosakan mata yang teruk. (H314)

Pernyataan berjaga-jaga:

Am:

-

Pencegahan:

Jangan sedut wap/kabus. (P260)

Pakai perlindungan mata/sarung tangan pelindung. (P280)

Respons:

JIKA TERKENA KULIT (atau rambut): Segera tanggalkan/buka semua pakaian yang tercemar. Basuh kulit dengan air atau pancuran air. (P303+P361+P353)

JIKA TERKENA MATA: Bilas berhati-hati dengan air selama beberapa minit. Tanggalkan kanta lekap, jika ada dan dapat dilakukan dengan mudah. Teruskan membilas. (P305+P351+P338)

Segera hubungi PUSAT RACUN/doktor/pakar perubatan. (P310)

Penyimpanan:

-

Pelupusan:

Lupuskan kandungan/bekas ke peraturan tempatan (P501)

Ramuan berbahaya:

D-Glucopyranose, oligomers, decyloctyl glycoside

Pelabelan tambahan:

Tidak berkenaan.

2.3. Bahaya lain

BAHAGIAN 3: KOMPOSISI DAN MAKLUMAT MENGENAI RAMUAN BAHAN KIMIA BERBAHAYA MAKLUMAT BAHAN

3.1. Bahan

Tidak berkenaan. Produk ini ialah sejenis campuran.

3.2. Campuran

Produk/bahan	Pengenal pasti	% w/w	Klasifikasi	Perhatian
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS: 68515-73-1 EC:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS: 506-89-8 EC: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide caustic soda	CAS: 1310-73-2 EC: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

Lihat teks penuh frasa H dalam seksyen 16. Had pendedahan pekerjaan disenaraikan dalam seksyen 8, jika ini tersedia.

Maklumat lain

UVCB = Produk atau bahan biologi dengan komposisi tidak diketahui atau berubah-ubah serta tindak balas kompleks

BAHAGIAN 4: LANGKAH-LANGKAH PERTOLONGAN CEMAS

4.1. Perihal langkah pertolongan cemas

Am:

Jika berlaku kemalangan: Hubungi doktor atau jabatan kecederaan - ambil label atau helaian data keselamatan ini. Hubungi doktor jika ragu-ragu mengenai keadaan orang yang cedera atau jika simptom tersebut berterusan. Jangan berikan air atau minuman lain kepada orang yang tidak sedarkan diri.

Penyedutan:

Apabila kesukaran bernafas atau kerengsaan saluran pernafasan: Bawa individu itu ke kawasan berudara segar dan tunggu bersama beliau.

Sentuhan kulit:

Jirus kawasan terdedah dengan air untuk jangka masa yang lama - sekurang-kurangnya 30 minit. Ia mungkin perlu dijirus selama beberapa jam. Gunakan suhu air yang selesa (20-30 °C). Hubungi Pusat Maklumat Racun/doktor/hospital untuk mendapatkan nasihat lanjut tentang susulan dan rawatan. Tanggalkan pakaian dan kasut yang tercemar serta merta. Pastikan membasuh kulit dengan teliti dengan air dan sabun. Pembersih kulit boleh digunakan. JANGAN guna pelarut atau pencair. Jika berlaku kerengsaan kulit: Dapatkan bantuan/rawatan perubatan.

Sentuhan mata:

Jika terkena mata: Bilas mata dengan air yang banyak atau air garam (20-30 °C) selama sekurang-kurangnya 30 minit dan teruskan sehingga kerengsaan berhenti. Keluarkan kanta sentuh. Pastikan anda membilas di bawah kelopak mata atas dan bawah. Dapatkan bantuan perubatan dengan serta-merta dan teruskan membilas.

Pengingesan:

Jika berlaku pengingesan, hubungi doktor. Sekiranya orang itu sedar, berikan beliau air. JANGAN cuba menyebabkan muntah, kecuali jika ini disyorkan oleh doktor. Tahan kepala menghadap ke bawah untuk mengelakkan muntah kembali mulut dan tekak. Cegah kejutan dengan memastikan orang yang cedera hangat dan tenang. Mulakan pernafasan segera jika pernafasan berhenti. Jika tidak sedarkan diri, pastikan orang yang cedera mengiring ke dalam kedudukan pemulihan. Hubungi ambulans.

Terbakar:

Tidak berkenaan.

4.2. Simptom dan kesan yang paling penting, baik akut mahu pun tertunda

Kesan merosakkan tisu: Produk ini mengandungi bahan-bahan dengan sifat menghakis kulit. Menyedut wap atau aerosol boleh menghasilkan kesan buruk kepada paru-paru, kegatalan dan terbakar dalam organ-organ pernafasan serta batuk. Sentuhan kulit dan sentuhan dengan mata menyebabkan kesan tidak dapat dipulihkan.

4.3. Indikasi apa-apa rawatan perubatan serta merta dan rawatan khas yang diperlukan

JIKA terdedah atau dikhuatiri terdedah kepada bahan:

Segera dapatkan bantuan/rawatan perubatan.

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 istimewa daripada zat atau campuran

Kebakaran akan mengakibatkan asap tebal. Pendedahan kepada produk pembakaran boleh membahayakan kesihatan anda. Bekas tertutup, yang terdedah kepada kebakaran, hendaklah disejukkan dengan 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)

5.3. Nasihat untuk ahli bomba

Pakai alat pernafasan serba lengkap dan pakaian perlindungan untuk mengelakkan sentuhan. Apabila terkena pendedahan langsung hubungi Pusat Racun Kebangsaan (Pulau Pinang) (lihat bahagian 1.4), untuk mendapatkan nasihat lanjut.
Kod Hazchem: 2X

BAHAGIAN 6: LANGKAH-LANGKAH PELEPASAN TIDAK SENGAJA

6.1. Langkah berjaga-jaga peribadi, peralatan pelindung dan prosedur kecemasan

Elakkan sentuhan langsung dengan bahan tertumpah.
Kawasan tercemar mungkin licin.

6.2. Peringatan alam sekitar

Elakkan pelepasan ke tasik, sungai, pemetung, dll.
Pastikan orang yang tidak dibenarkan berada jauh daripada tumpahan

6.3. Kaedah dan bahan bagi pembendungan dan pembersihan

Mengandungi dan mengumpul tumpahan dengan bahan penyerap yang tidak mudah terbakar cth. pasir, tanah, vermikulit atau tanah diatom dan diletakkan dalam bekas untuk dilupuskan mengikut peraturan tempatan.
Setakat pembersihan yang mungkin 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 mengendalikan dengan selamat

Elakkan hubungan langsung dengan produk.
Merokok, minum dan penggunaan makanan adalah tidak dibenarkan di kawasan kerja.
Lihat seksyen "Kawalan pendedahan dan perlindungan diri" untuk maklumat mengenai perlindungan peribadi.

7.2. Syarat-syarat bagi penyimpanan yang selamat, termasuk apa-apa ketakserasian

Bekas yang telah dibuka mesti ditutup semula dengan berhati-hati dan terus ditegakkan untuk mencegah kebocoran.

Bahan penyimpanan yang disyorkan:

Pastikan bahan disimpan hanya di dalam bekas asal.

Kedaaan penyimpanan:

Kering, sejuk dan pengudaraan yang baik

Bahan tidak serasi:

Pastikan bahan disimpan hanya di dalam bekas asal.

7.3. Kegunaan akhir yang khusus

Produk ini hanya boleh digunakan untuk aplikasi yang disebutkan dalam seksyen 1.2

BAHAGIAN 8: KAWALAN PENDEDAHAN DAN PERLINDUNGAN DIRI

8.1. Parameter kawalan

Tiada bahan yang disenaraikan dalam senarai bahan kebangsaan dengan had pendedahan pekerjaan.

8.2. Kawalan-kawalan pendedahan

Gunakan kawalan am untuk mengelakkan pendedahan yang tidak perlu.

Cadangan am:

Merokok, minum dan penggunaan makanan adalah tidak dibenarkan di kawasan kerja.

Senario pendedahan:

Tiada senario pendedahan yang dilaksanakan untuk produk ini.

Nilai-nilai had pendedahan:

Had Pendedahan Pekerjaan belum ditakrifkan untuk bahan-bahan dalam produk ini.

Kawalan kejuruteraan yang wajar:

Pastikan stesen pembersihan mata dan pancuran mandian keselamatan terletak di kawasan yang mudah dicapai. Ambil langkah berjaga-jaga yang biasa semasa penggunaan produk. Elakkan penyedutan wap.

Langkah-langkah kebersihan:

Dalam masa penggunaan produk dan sehingga tamat hari bekerja, semua bahagian yang terkena badan mesti dibasuh dengan teliti. Berikan perhatian khusus kepada tangan, lengan bawah, dan wajah.

Kawalan pendedahan alam sekitar:

Simpan bahan penampakan berhampiran tempat kerja. Jika boleh, kumpulkan tumpahan semasa bekerja.

Langkah-langkah perlindungan individu

Am:

Basuh pakaian yang tercemar sebelum menggunakannya semula.
Gunakan hanya peralatan perlindungan bertanda CE.

Perlindungan respiratori:

Yang	Kelas	Warna	Standard	
Perlindungan pernafasan tidak diperlukan				

Perlindungan tubuh:

Disyorkan	Jenis / Kategori	Standard	
Tidak khas apabila digunakan seperti yang dimaksudkan	-	-	

Perlindungan tangan:

Bahan	Ketebalan sarung tangan (mm)	Masa penembusan (min.)	Standard	
Getah nitril	0.4	> 480	EN374-2, EN374-3, EN388	

Perlindungan mata/muka:

Yang	Standard	
Kaca mata keselamatan dengan pelindung sisi	EN166	

BAHAGIAN 9: SIFAT FIZIKAL DAN KIMIA

9.1. Maklumat tentang sifat fizikal dan kimia asas

Keadaan fizikal:

Cecair

Warna:

Coklat

Bau:

Ciri

Ambang bau (ppm):

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

pH:

ca. 1.6

Ketumpatan relatif (g/cm³):

1.05 (20 °C)

Kelikatan:

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

Ciri-ciri zarah:

Tidak digunakan pada cecair

Fasa perubahan

Takat lebur/takat beku (°C):

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

Titik lembut/julat (°C):

Tidak digunakan pada cecair

Titik didih/julat didih (°C):

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

Tekanan Wap:

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

Ketumpatan Wap:

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

Suhu pereputan (°C):

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

Kadar Penyejatan:

Data mengenai bahaya kebakaran dan letupan

Takat kilat (°C):

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

Titik pencucuhan (°C):

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

Suhu penyalaan automatik (°C):

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

Had mudah meletup (mudah menyala) bawah dan atas (% v/v):

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

Keterlarutan

Kelarutan dalam air:

Larut sepenuhnya

Pekali Sekatan (LogKow):

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

Kelarutan dalam lemak (g/L):

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

9.2. Maklumat lain

Parameter fizikal dan kimia yang lain:

ND: 1.354

Sifat pengoksidaan:

Tiada data tersedia atau berkaitan disebabkan sifat produk ini

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-keadaan yang mesti dielak

Tidak diketahui.

10.5. Bahan tidak serasi

Pastikan bahan disimpan hanya di dalam bekas asal.

10.6. Produk pereputan berbahaya

Penguraian terma boleh mengeluarkan wap yang mengakis.

BAHAGIAN 11: MAKLUMAT TOKSIKOLOGI

11.1. Maklumat tentang kesan toksikologi

Ketoksikan akut

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Kaedah ujian:	OECD 401
Spesis:	Tikus
Laluan pendedahan:	Oral
Ujian:	LD50
Keputusan:	> 5.000 mg/kg

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Kaedah ujian:	OECD 402
Spesis:	Arnab
Laluan pendedahan:	Kulit
Ujian:	LD50
Keputusan:	> 2000 mg/L

Kerengsaan/Kakisan

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Keputusan:	Tiada kesan buruk yang diperhatikan (Tidak merengsakan)

Menyebabkan lecuran kulit dan kerosakan mata yang teruk.

Kerosakan/kerengsaan mata yang serius

Produk/bahan	D-Glucopyranose, oligomers, decyloctyl glycoside
Keputusan:	Kesan buruk yang diperhatikan (Menyebabkan kerosakan mata yang serius)

Menyebabkan kerosakan mata yang serius.

Pemekaan pernafasan

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Pemekaan kulit

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Kemutagenan sel kuman

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Kekarsinogenan

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

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 penyedutan

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

Kesan Kesihatan Kronik Berpotensi

Kesan merosakkan tisu: Produk ini mengandungi bahan-bahan dengan sifat menghakis kulit. Menyedut wap atau aerosol boleh menghasilkan kesan buruk kepada paru-paru, kegatalan dan terbakar dalam organ-organ pernafasan serta batuk. Sentuhan kulit dan sentuhan dengan mata menyebabkan kesan tidak dapat dipulihkan.

BAHAGIAN 12: MAKLUMAT EKOLOGI

12.1. Ketoksikan

Produk/bahan	D-Glucopyranose,oligomers,decyloctyl glycoside
Kaedah ujian:	DIN EN ISO 7346-2
Spesis:	Ikan, Brachydanio rerio
Ujian:	LC50
Keputusan:	> 100 mg/L

Produk/bahan	D-Glucopyranose,oligomers,decyloctyl glycoside
Kaedah ujian:	OECD 202
Spesis:	Daphnia magna
Ujian:	EC50
Keputusan:	> 100 mg/L

Produk/bahan	D-Glucopyranose,oligomers,decyloctyl glycoside
Spesis:	Scenedesmus subspicatus
Ujian:	EC50
Keputusan:	> 10 - 100 mg/L

Produk/bahan	D-Glucopyranose,oligomers,decyloctyl glycoside
Kaedah ujian:	OECD 209
Spesis:	Pseudomonas putida
Ujian:	EC0
Keputusan:	> 100 mg/l mg/L

Produk/bahan	D-Glucopyranose,oligomers,decyloctyl glycoside
Kaedah ujian:	OECD 204
Spesis:	Ikan, Brachydanio rerio
Keputusan:	> 1 - 10 mg/L

Produk/bahan	D-Glucopyranose,oligomers,decyloctyl glycoside
Kaedah ujian:	OECD 202
Spesis:	Daphnia magna
Ujian:	NOEC
Keputusan:	> 1 - 10 mg/L

12.2. Kegigihan dan degradasi

Produk/bahan	D-Glucopyranose,oligomers,decyloctyl glycoside
Kesimpulan:	Mudah terbiodegradasi

12.3. Potensi bioakumulasi

Berdasarkan data yang ada, kriteria klasifikasi tidak dipenuhi.

12.4. Mobiliti 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-kesan buruk lain

Tidak diketahui.

BAHAGIAN 13: MAKLUMAT PELUPUSAN

Kaedah rawatan bahan buangan

Lupuskan kandungan/bekas ke ke loji pelupusan sisa yang diluluskan.

Pelabelan spesifik

Pembungkusan

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Kelas: 8 Kelas bahaya pengangkutan: 8 Kod klasifikasi: C3 	III	Tidak	Kuantiti terhad: 5 L Kod sekatan terowong: (E) Sila lihat di bawah untuk maklumat tambahan.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Kumpulan Pembungkusan

** Bahaya Alam Sekitar

Maklumat tambah

Produk ini berada dalam lingkungan peraturan pengangkutan barang berbahaya.

ADR / Lihat Jadual A, Bahagian 3.2.1 untuk sebarang maklumat tentang peruntukan, keperluan atau amaran khas berkaitan pengangkutan. Lihat bahagian 5.4.3 untuk arahan secara bertulis tentang pengurangan kerosakan yang berkaitan dengan insiden atau kemalangan semasa pengangkutan.

Kod Hazchem: 2X

14.6. Langkah pencegah istimewa 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 khusus bagi zat atau campuran

Sekatan untuk permohonan:

Terhad kepada penggunaan perindustrian dan profesional.

Orang yang berumur di bawah umur 18 tahun tidak boleh didedahkan kepada produk ini.

Permintaan untuk pendidikan khusus:

Tiada keperluan khusus.

Kawalan terhadap bahaya kemalangan besar dalam perindustrian:

Tidak berkenaan.

Maklumat tambahan:

Tidak berkenaan.

Sistem Pengurusan Maklumat Kimia (CIMS):

D-Glucopyranose, oligomers, decyloctyl glycoside disenaraikan

Sumber:

AKTA KESELAMATAN DAN KESIHATAN PEKERJAAN 1994

Peraturan-peraturan Keselamatan dan Kesihatan Pekerjaan (Pengelasan, Pelabelan dan Helaiian Data Keselamatan Bahan Kimia Berbahaya) [2013 P.U. (A) 310.]

Tataamalan Industri pada Pengelasan Bahan Kimia dan Komunikasi Hazard (ICOP)

15.2. Penilaian keselamatan kimia

Tidak

BAHAGIAN 16: MAKLUMAT LAIN

Teks penuh frasa H seperti yang disebutkan dalam seksyen 3

H290, Boleh mengakis logam.

H314, Menyebabkan lecuran kulit dan kerosakan mata yang teruk.

H315, Menyebabkan kerengsaan kulit.

H318, Menyebabkan kerosakan mata yang serius.

H319, Menyebabkan kerengsaan mata yang serius.

H335, Boleh menyebabkan kerengsaan pernafasan.

Teks penuh penggunaan yang dikenalpasti seperti dinyatakan dalam seksyen 1

Tidak diketahui.

Singkatan dan akronim

ADN = Peruntukan Eropah mengenai Pengangkutan 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

Pengelasan campuran dalam hal bahaya kesihatan adalah mengikut kaedah pengiraan yang diberikan oleh Tataamalan Industri Mengenai Pengelasan Bahan Kimia dan Komunikasi Hazard (ICOP).

Pengelasan campuran berkenaan dengan kakisan kulit dan kerosakan mata yang serius adalah berdasarkan kriteria pH yang diberikan oleh Tataamalan Industri pada Pengelasan Bahan Kimia dan Komunikasi Hazard (ICOP).

Lembaran data keselamatan disahkan oleh

Quality & Compliance

Maklumat lain

Perubahan (berkadaran dengan perubahan penting yang terakhir (sifer pertama dalam versi SDS, lihat seksyen 1)) ditandakan dengan segitiga.

Maklumat dalam helaian data keselamatan ini hanya terpakai kepada produk tertentu ini (disebutkan dalam seksyen 1) dan tidak semestinya betul jika digunakan dengan bahan kimia/produk lain.

Adalah disyorkan untuk menyerahkan helaian data keselamatan ini kepada pengguna produk yang sebenarnya.

Maklumat dalam helaian data keselamatan ini tidak boleh digunakan sebagai spesifikasi produk.

Negara-bahasa: MY-ms

VEILIGHEIDSINFORMATIEBLAD

i.23 descaler foam

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

1.1. Productidentificatie

Handelsnaam:

i.23 descaler foam

Unieke formule-identificatie (UFI):

E094-SY4R-6T7V-FTJ3

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:

12-02-2025

SDS-versie:

1.0

1.4. Telefoonnummer voor noodgevallen

Bij ongeval met dit product neemt contact op met uw arts of de spoeddiensten van het plaatselijke ziekenhuis. Artsen en medisch personeel kunnen met NVIC contact opnemen: Tel: +31 (0)88 755 8000 (bereikbaar 24/7). Het telefoonnummer is uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen. Zie rubriek 4 over eerstehulpmaatregelen.

RUBRIEK 2: IDENTIFICATIE VAN DE GEVAREN

Geclassificeerd overeenkomstig Voorschrift (EC) Nr. 1272/2008 (CLP).

2.1. Indeling van de stof of het mengsel

Skin Corr. 1; H314, Veroorzaakt ernstige brandwonden en oogletsel.
Eye Dam. 1; H318, Veroorzaakt ernstig oogletsel.

2.2. Etiketteringselementen

Gevarenpictogram(men):



Signaalwoord:

Gevaar

Gevarenaanduidingen:

Veroorzaakt ernstige brandwonden en oogletsel. (H314)

Veiligheidsaanbevelingen:

Algemeen:

-

Preventie:

damp/nevel niet inademen. (P260)

oogbescherming/Beschermende handschoenen dragen. (P280)

Reactie:

BIJ CONTACT MET DE HUID (of het haar): verontreinigde kleding onmiddellijk uittrekken. Huid met water afspoelen of afdouchen. (P303+P361+P353)

BIJ CONTACT MET DE OGEN: voorzichtig afspoelen met water gedurende een aantal minuten; contactlenzen verwijderen, indien mogelijk; blijven spoelen. (P305+P351+P338)

Onmiddellijk een ANTIGIFCENTRUM/arts raadplegen. (P310)

Opslag:

-

Verwijdering:

Inhoud/verpakking afvoeren naar overeenkomstig de plaatselijke voorschriften (P501)

Stoffen waarvoor meldingsplicht geldt:

D-Glucopyranose, oligomeren, decyloctyl glycoside

Andere opmerkingen:

UFI: E094-SY4R-6T7V-FTJ3

Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004:

5% - 15%

· Niet-ionogene oppervlaktestoffen

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.
D-Glucopyranose, oligomeren, decyloctyl glycoside	CAS Nr.: 68515-73-1 EG Nr: REACH: Catalogusnr.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS Nr.: 506-89-8 EG Nr: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	

	REACH: Catalogusnr.:		STOT SE 3, H335	
natriumhydroxide	CAS Nr.: 1310-73-2 EG Nr: 215-185-5 REACH: 01-2119457892-27-XXXX Catalogusnr.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

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

[19] UVCB = Stoffen van onbekende of variabele samenstelling, complexe reactieproducten of biologische materialen.

RUBRIEK 4: EERSTEHULPMAATREGELEN

4.1. Beschrijving van de eerstehulpmaatregelen

Algemeen:

Bij ongelukken: Contacteer een arts of het : Tel: +31 (0)88 755 8000 (bereikbaar 24/7). Neem het etiket van het product of dit veiligheidsblad mee.

Het telefoonnummer is uitsluitend bestemd om professionele hulpverleners te informeren bij acute vergiftigingen. Bij aanhoudende symptomen of twijfel over de toestand van het slachtoffer moet er een arts ingeschakeld worden. Geef een bewusteloze persoon nooit water of iets dergelijks.

Bij inademen:

Als men moeilijkheden vaststelt tijdens de ademhaling of irritatie van de luchtwegen: Breng de persoon naar buiten en houd hem in de gaten.

Bij huidcontact:

Spoel het blootgestelde gebied gedurende lange tijd, minstens 30 minuten, met water. Het kan nodig zijn om gedurende enkele uren te spoelen. Gebruik een comfortabele watertemperatuur (20-30 °C). Neem contact op met Het Nationaal Vergiftigingen Informatie Centrum (NVIC)/arts/ziekenhuis voor verder advies over opvolging en behandeling.

Verwijder verontreinigde kleding en schoenen. Huid, die in contact is geweest met het materiaal grondig wassen met water en zeep, eventueel huidreinigingsmiddel gebruiken. Gebruik GEEN oplosmiddelen of verdunners.

Bij huidirritatie: een arts raadplegen.

Bij oogcontact:

Bij contact met de ogen: Spoel de ogen direct uit met een ruime hoeveelheid water (20-30 °C) tot de irritatie ophoudt en minstens 30 minuten. Verwijder eventuele contactlenzen. Spoel ook onder het bovenste en onderste ooglid. Bel meteen een arts. Raadpleeg onmiddellijk een arts en blijf spoelen tijdens het transport naar de arts.

Bij inslikken:

Bij inslikken: neem direct contact op met een arts. Geef het slachtoffer water te drinken als de persoon bij bewustzijn is. Probeer NIET het slachtoffer te laten braken, behalve als de arts dat adviseert. Laat het hoofd zakken zodat er geen braaksel terugloopt in mond of hals. Voorkom shock door het slachtoffer warm en rustig te houden. Geef kunstmatige ademhaling als de ademhaling stopt. Bij bewusteloosheid: breng het slachtoffer naar een aparte afgesloten ruimte. Bel een ambulance.

Bij verbranding:

Niet van toepassing.

4.2. Belangrijkste acute en uitgestelde symptomen en effecten

Weefsel vernietigende bijwerking: Het product bevat stoffen die bijtend zijn. Als damp of aerosolen worden ingeademd, kan dit schade brengen aan de longen en irritatie en een branderig gevoel veroorzaken in de luchtwegen alsmede hoesten. Bijtende stoffen kunnen irreversibele beschadigingen veroorzaken aan de ogen. Bijt in de huid.

4.3. Vermelding van eventueel noodzakelijke onmiddellijke medische verzorging en speciale behandeling

NA (mogelijke) blootstelling:
Onmiddellijk een arts raadplegen.

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)

5.3. Advies voor brandweerlieden

Normaal beschermkleding en volledige ademhalingsbescherming. Bij direct contact met de chemicaliën Artsen en medisch personeel met NVIC contact opnemen: Tel: +31 (0)88 755 8000 (bereikbaar 24/7)

RUBRIEK 6: MAATREGELEN BIJ HET ACCIDENTEEL VRIJKOMEN VAN DE STOF OF HET MENGSEL

6.1. Persoonlijke voorzorgsmaatregelen, beschermingsmiddelen en noodprocedures

Vermijd direct contact met gemorste stof.
Verontreinigde gebieden kunnen glad zijn.

6.2. Milieuvorzorgsmaatregelen

Voorkom weglopen naar meren, rivieren, riolering, e.d.
Houd onbevoegden uit de buurt van het gemorste product.

6.3. Insluitings- en reinigingsmethoden en -materiaal

Verzamel gemorst materiaal met onbrandbaar, absorberend materiaal, bijvoorbeeld zand, aarde, vermiculiet of diatomeeënaarde en doe het in een container voor verwijdering volgens de lokale voorschriften.
Schoonmaken wordt voor zover mogelijk met schoonmaakmiddelen gedaan. Vermijd oplosmiddelen.

6.4. Verwijzing naar andere rubrieken

Zie het rubriek "Instructies voor verwijdering" over hoe om te gaan met afval.
Zie het rubriek over 8 "Maatregelen ter beheersing van blootstelling/persoonlijke bescherming" voor beschermingsregelingen.

RUBRIEK 7: HANTERING EN OPSLAG

7.1. Voorzorgsmaatregelen voor het veilig hanteren van de stof of het mengsel

Vermijd direct contact met het product.
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

Containers die zijn geopend dienen zorgvuldig te worden afgesloten en rechtop te worden opgeslagen om lekkage te voorkomen.

Compatibele verpakkingen:

Uitsluitend in de oorspronkelijke verpakking bewaren.

Opslag condities:

Droog, koel en goed geventileerd

Chemisch op elkaar inwerkende materialen:

Uitsluitend in de oorspronkelijke verpakking bewaren.

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

D-Glucopyranose,oligomers,decyloctyl glycoside

Duur:	Blootstellingsroute:	DNEL:
Lange termijn - Systemische effecten - Algehele populatie	Inademing	124 mg/m ³
Lange termijn - Systemische effecten - Arbeiders	Inademing	420 mg/m ³
Lange termijn - Systemische effecten - Algehele populatie	Oraal	35.7 mg/kg bw/dag
Lange termijn - Systemische effecten - Algehele populatie	Via de huid	357000 mg/kg bw/dag
Lange termijn - Systemische effecten - Arbeiders	Via de huid	595000 mg/kg bw/dag

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Blootstellingsroute:	Blootstellingsduur:	PNEC:
Aarde		654 µg/kg
Afvalwaterzuiveringsinstallatie		560 mg/L
Intermitterende vrijlating (zoet water)		270 µg/L
Predatoren		111.11 mg/kg
Zeewater		17.6 µg/L
Zeewatersediment		152 µg/kg
Zoet water		176 µg/L
Zoetwatersediment		1.516 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:

Zorg ervoor dat oogwasstations en veiligheidsdouches binnen handbereik zijn.

Wees voorzichtig bij het gebruik van het product. Vermijd de inademing van dampen.

Hygiënische maatregel:

Tijdens elke pauze in het gebruik van het product en na werktijd moeten geëxponeerde lichaamsdelen afgewassen worden. Let vooral op handen, onderarmen en gezicht.

Beheersing van milieublootstelling:

Zorg ervoor dat er bij het werken met het product stuw materiaal in de directe nabijheid aanwezig is. Gebruik zo

mogelijk opvangbakken bij het werk.

Individuele beschermingsmaatregelen, zoals persoonlijke beschermingsmiddelen

Algemeen:

Verontreinigde kleding wassen alvorens deze opnieuw te gebruiken.
Gebruik alleen beschermingsapparatuur met het CE-keurmerk.

Luchtwegen:

Type	Klasse	Kleur	Standaard	
Ademhalingsbescherming is niet vereist indien er voldoende ventilatie is				

Huid en lichaam:

Aanbevolen	Type/Categorie	Normen	
Geen bijzondere bij normaal doelbewust gebruik	-	-	

Handen:

Materiaal	Minimale laagdikte (mm)	Doorbraaktijd (min.)	Normen	
Nitril handschoenen	0.4	> 480	EN374-2, EN374-3, EN388	

Ogen:

Type	Normen	
Draag een veiligheidsbril met zijstukken	EN166	

RUBRIEK 9: FYSISCHE EN CHEMISCHE EIGENSCHAPPEN

9.1. Informatie over fysische en chemische basiseigenschappen

Fysische toestand:

Vloeibaar

Kleur:

Bruin

Geur / Geurdrempelwaarde (ppm):

Karakteristiek

pH:

ca. 1.6

Soortelijk gewicht (g/cm³):

1,05 (20 °C)

Kinematische viscositeit:

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Deeltjeskenmerken:

Niet van toepassing op vloeistoffen.

Toestandsverandering en damp

Smeltpunt/vriespunt (°C):

Geen relevante of beschikbare gegevens vanwege de aard van het product.

Verwerkingspunt/verwerkingstraject (°C):
Niet van toepassing op vloeistoffen.

Kookpunt (°C):
Geen relevante of beschikbare gegevens vanwege de aard van het product.

Dampdruk:
Geen relevante of beschikbare gegevens vanwege de aard van het product.

Relatieve dampdichtheid:
Geen relevante of beschikbare gegevens vanwege de aard van het product.

Ontledingstemperatuur (°C):
Geen relevante of beschikbare gegevens vanwege de aard van het product.

Data voor brand- en explosiegevaar

Vlampunt (°C):
Geen relevante of beschikbare gegevens vanwege de aard van het product.

Ontvlambaarheid (°C):
Geen relevante of beschikbare gegevens vanwege de aard van het product.

Zelfontbrandingstemperatuur (°C):
Geen relevante of beschikbare gegevens vanwege de aard van het product.

Ontploffingsgrenzen (% v/v):
Geen relevante of beschikbare gegevens vanwege de aard van het product.

Oplosbaarheid

Oplosbaarheid in water:
Volledig oplosbaar

n-octanol/water coëfficiënt (LogKow):
Geen relevante of beschikbare gegevens vanwege de aard van het product.

Oplosbaarheid in vet (g/L):
Geen relevante of beschikbare gegevens vanwege de aard van het product.

9.2. Overige informatie

Andere fysische en chemische parameters:
ND: 1.354

Oxiderende eigenschappen:
Geen relevante of beschikbare gegevens vanwege de aard van het product.

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

Uitsluitend in de oorspronkelijke verpakking bewaren.

10.6. Gevaarlijke ontledingsproducten

Thermische ontleding kan corrosieve dampen produceren.

RUBRIEK 11: TOXICOLOGISCHE INFORMATIE

11.1. Informatie over gevarenklassen als omschreven in Verordening (EG) nr. 1272/2008

Acute toxiciteit

Product / ingrediënt	D-Glucopyranose, oligomeren, decyloctyl glycoside
Testmethode:	OESO 401
Soorten:	Rat
Blootstellingsroute:	Oraal
Test:	LD50
Resultaat:	> 5.000 mg/kg

Product / ingrediënt	D-Glucopyranose, oligomeren, decyloctyl glycoside
Testmethode:	OESO 402
Soorten:	Konijn
Blootstellingsroute:	Via de huid
Test:	LD50
Resultaat:	> 2000 mg/L

Huidcorrosie/-irritatie

Product / ingrediënt	D-Glucopyranose, oligomeren, decyloctyl glycoside
Resultaat:	Geen schadelijke effecten waargenomen (Niet irriterend)

Veroorzaakt ernstige brandwonden en oogletsel.

Ernstig oogletsel/oogirritatie

Product / ingrediënt	D-Glucopyranose, oligomeren, decyloctyl glycoside
Resultaat:	Schadelijke effecten waargenomen (Veroorzaakt ernstig oogletsel)

Veroorzaakt ernstig oogletsel.

Sensibilisatie van de luchtwegen

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

Weefsel vernietigende bijwerking: Het product bevat stoffen die bijtend zijn. Als damp of aerosolen worden ingeademd, kan dit schade brengen aan de longen en irritatie en een branderig gevoel veroorzaken in de luchtwegen alsmede hoesten. Bijtende stoffen kunnen irreversibele beschadigingen veroorzaken aan de ogen. Bijt in de huid.

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 D-Glucopyranose,oligomers,decyloctyl glycoside
 Testmethode: DIN EN ISO 7346-2
 Soorten: Vis, Brachydanio rerio
 Test: LC50
 Resultaat: > 100 mg/L

Product / ingrediënt D-Glucopyranose,oligomers,decyloctyl glycoside
 Testmethode: OESO 202
 Soorten: Daphnia magna
 Test: EC50
 Resultaat: > 100 mg/L

Product / ingrediënt D-Glucopyranose,oligomers,decyloctyl glycoside
 Soorten: Scenedesmus subspicatus
 Test: EC50
 Resultaat: > 10 - 100 mg/L

Product / ingrediënt D-Glucopyranose,oligomers,decyloctyl glycoside
 Testmethode: OESO 209
 Soorten: Pseudomonas putida
 Test: EC0
 Resultaat: > 100 mg/l mg/L

Product / ingrediënt D-Glucopyranose,oligomers,decyloctyl glycoside
 Testmethode: OESO 204
 Soorten: Vis, Brachydanio rerio
 Resultaat: > 1 - 10 mg/L

Product / ingrediënt D-Glucopyranose,oligomers,decyloctyl glycoside
 Testmethode: OESO 202
 Soorten: Daphnia magna
 Test: NOEC
 Resultaat: > 1 - 10 mg/L

12.2. Persistentie en afbreekbaarheid

Product / ingrediënt D-Glucopyranose,oligomers,decyloctyl glycoside
 Conclusie: Gemakkelijk biologisch afbreekbaar

De oppervlakreactieve stof(fen) in dit preparaat voldoet(n) aan de criteria voor biologische afbreekbaarheid zoals vastgelegd in Verordening (EG) nr. 648/2004 betreffende detergentia. Gegevens ter ondersteuning van deze bewering worden ter beschikking van de bevoegde autoriteiten van de lidstaten gehouden en zullen aan hen beschikbaar worden gesteld na een rechtstreeks verzoek of op verzoek van een producent van detergentia.

12.3. Bioaccumulatie

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

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

Dit product valt onder de wetgeving inzake gevaarlijke afvalstoffen. (*)

HP 8 - Corrosief

Inhoud/verpakking afvoeren naar overeenkomstig de plaatselijke/regionale/nationale/internationale voorschriften. Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.

Euralcode:

20 01 29* Detergenten die gevaarlijke stoffen bevatten

Verontreinigde emballage

Verpakking met restinhoud van het product wegwerken volgens dezelfde voorwaarden als het product.

RUBRIEK 14: INFORMATIE MET BETREKKING TOT HET VERVOER

	14.1 VN	14.2 Juiste ladingnaam van de VN	14.3 Transportgevaarklasse(n)	14.4 PG*	14.5. Env**	Andere informatie:
ADR	UN3265	BIJTENDE ZURE ORGANISCHE VLOEISTOF, N.E.G.	Klasse: 8 Etiketten: 8 Classificatiecode: C3 	III	Nee	Gelimiteerde hoeveelheid en: 5 L Code voor beperkingen in tunnels: (E) Zie hieronder voor meer informatie.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Verpakkingsgroep

** Milieugevaren

Overig

Het product valt onder de conventies voor gevaarlijke goederen.

ADR / Zie tabel A, rubriek 3.2.1, voor eventuele informatie over speciale bepalingen, voorschriften of waarschuwingen in verband met het vervoer. Zie rubriek 5.4.3, voor schriftelijke instructies betreffende het beperken van schade in verband met incidenten of ongevallen tijdens het vervoer.

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.

Het product mag niet beroepshalve worden gebruikt door personen jonger dan 18 jaar.

Eisen t.o.v. speciale opleidingen:

Geen bijzondere eisen.

SEVESO - Gevarencategorieën / Gevaarlijke stoffen:

Niet van toepassing.

Etikettering van de inhoud in overeenstemming met detergentiaverordening EG nr. 648/2004:

5% - 15%

- Niet-ionogene oppervlakreactieve stoffen

Overig:

De oppervlakreactieve stof(fen) in dit preparaat voldoet(n) aan de criteria voor biologische afbreekbaarheid zoals vastgelegd in Verordening (EG) nr. 648/2004 betreffende detergentia. Gegevens ter ondersteuning van deze bewering worden ter beschikking van de bevoegde autoriteiten van de lidstaten gehouden en zullen aan hen beschikbaar worden gesteld na een rechtstreeks verzoek of op verzoek van een producent van detergentia.

Bronnen:

Richtlijn 94/33/EG van de Raad van 22 juni 1994 betreffende de bescherming van jongeren op het werk.
Verordening (EG) nr. 648/2004 van het Europees Parlement en de Raad van 31 maart 2004 betreffende detergentia.

Verordening (EU) Nr. 1357/2014 van de Commissie van 18 december 2014 betreffende afvalstoffen.

Verordening (EG) nr. 1272/2008 van het Europees Parlement en de Raad van 16 december 2008 betreffende de indeling, etikettering en verpakking van stoffen en mengsels (CLP).

Verordening (EG) nr. 1907/2006 van het Europees Parlement en de Raad van 18 december 2006 inzake de registratie en beoordeling van en de autorisatie en beperkingen ten aanzien van chemische stoffen (REACH).

15.2. Chemischeveiligheidsbeoordeling

Nee

RUBRIEK 16: OVERIGE INFORMATIE

De volledige tekst van de H-zinnen genoemd in rubriek 3

- H290, Kan bijtend zijn voor metalen.
- H314, Veroorzaakt ernstige brandwonden en oogletsel.
- H315, Veroorzaakt huidirritatie.
- H318, Veroorzaakt ernstig oogletsel.
- H319, Veroorzaakt ernstige oogirritatie.
- H335, Kan irritatie van de luchtwegen veroorzaken.

Afkortingen en acroniemen

- ADN = Europese wetgeving met betrekking tot het vervoer van gevaarlijke goederen over binnewateren
- ADR = Europese overeenkomst met betrekking tot het vervoer van gevaarlijke goederen over de weg
- ATE = Acute toxiciteitsbeoordeling
- BCF = Bioconcentratie Factor
- CAS = Chemical Abstracts Service
- CE = Conformité européenne
- CLP = Indeling, etikettering en verpakking van stoffen en mengsels [Verordening (EG) No. 1272/2008]
- CSA = Chemische Veiligheidsbeoordeling
- CSR = rapporten over de chemische veiligheid (CSR - Chemical Safety Reports)
- DNEL = De afgeleide dosis zonder effect
- EAC = Europese Afval Catalogoog
- EINECS = European Inventory of Existing Commercial Substances
- ES = blootstellingsscenario
- EUH zin = CLP-specifieke gevaarszin
- EuPCS = Europees productindelingssysteem
- GHS = Globaal geharmoniseerd systeem voor indeling, kenmerking en etikettering van chemische stoffen en mengsels
- GWP = Aardopwarmingsvermogen
- IATA = Internationaal Lucht Transport Vereniging
- IBC = Tussentijdse bulk container
- IMDG = Internationaal Maritiem Transport voor Gevaarlijke goederen
- LogPow = Logaritme van de octaan/water partitie coëfficiënt
- MARPOL = Internationale conventie voor de preventie van vervuiling door schepen, 1973 en aangepast door het protocol van 1978. ("Marpol" = zee vervuilend)
- OESO = Organisatie voor Economische Samenwerking en Ontwikkeling
- PBT = Persistent, Bioaccumulatief en Toxisch
- PNEC = Voorspelde geen effect concentratie

RID = Regelgeving met betrekking tot het vervoer van gevaarlijke goederen over het spoor
RRN = REACH registratie nummer
SCL = Specifieke concentratielimiet.
SVHC = Zeer zorgwekkende stoffen
STOT-RE = specifieke doelorgaantoxiciteit - herhaalde blootstelling
STOT-SE = specifieke doelorgaantoxiciteit - enkelvoudige blootstelling
TGG = Tijd gewogen gemiddelde
UVBC = Stoffen van onbekende of variabele samenstelling, complexe reactieproducten of biologische materialen.
VN = Verenigde Naties
VOS = Vluchtige Organische Stoffen
zPzB = zeer Persistent en zeer Bioaccumulatief

Overig

De indeling van het stof/mengsel ten aanzien van de gevaren voor de gezondheid in overeenstemming zijn met de berekeningsmethoden die door Verordening (EC) nr 1272/2008 (CLP).
De indeling van het stof/mengsel ten aanzien van huidcorrosie en ernstig oogletsel is gebaseerd op het pH-criterium verstrekt door Verordening (EC) nr 1272/2008 (CLP)

Het veiligheidsinformatieblad is gevalideerd door

Quality & Compliance

Overig

Veranderingen ten opzichte van de vorige belangrijke revisie (eerste cijfer in de SDS-versie, zie rubriek 1) van dit veiligheidsinformatieblad zijn gemarkeerd met een driehoek.
De inlichtingen in dit veiligheidsinformatieblad gelden alleen voor het product genoemd in rubriek 1 en hoeven niet te gelden bij gebruik samen met andere producten.
Het is aan te bevelen dit veiligheidsinformatieblad af te geven aan de eigenlijke gebruiker van het product. De genoemde informatie dient niet als productspecificatie.
Land-taal: NL-nl

SIKKERHETSDATABLAD

i.23 descaler foam

AVSNITT 1: IDENTIFIKASJON AV STOFFET/STOFFBLANDINGEN OG AV SELSKAPET/FORETAKET

1.1. Produktidentifikator

Handelsnavn:

i.23 descaler foam

Unik Formular Identifikasjon (UFI):

E094-SY4R-6T7V-FTJ3

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:

12.02.2025

SDS Versjon:

1.0

1.4. Nødtelefonnummer

Nødsituasjon: Ring 113, be om giftinformasjonen. Åpent 24 timer i døgnet.

Giftinformasjonen på tlf.nr.: +47 22 59 13 00

Se avsnitt 4 om 'Førstehjelpstiltak'

AVSNITT 2: FAREIDENTIFIKASJON

Klassifisert i henhold til CLP-forskriften.

2.1. Klassifisering av stoffet eller stoffblandingen

Skin Corr. 1; H314, Gir alvorlige etseskader på hud og øyne.

Eye Dam. 1; H318, Gir alvorlig øyeskade.

2.2. Merkingselementer

Farepiktogram:



Varselord:

Fare

Faresetninger:

Gir alvorlige etseskader på hud og øyne. (H314)

Sikkerhetssetning(er):

Generelt:

-

Forebygging:

Ikke innånd damp/tåke. (P260)

Benytt øyevern/vernehansker. (P280)

Tiltak:

VED HUDKONTAKT (eller håret): Tilsølte klær må fjernes straks. Skyll eller dusj huden med vann. (P303+P361+P353)

VED KONTAKT MED ØYNENE: Skyll forsiktig med vann i flere minutter. Fjern eventuelle kontaktlinser dersom dette enkelt lar seg gjøre. Fortsett skyllingen. (P305+P351+P338)

Kontakt umiddelbart et GIFTINFORMASJONSSENTER/lege. (P310)

Oppbevaring:

-

Disponering:

Innhold/beholder leveres i samsvar med lokale bestemmelser (P501)

Inneholder:

D-Glucopyranose,oligomers,decyloctyl glycoside

Annen merkning:

UFI: E094-SY4R-6T7V-FTJ3

Etikettering av innhold i overensstemmelse med produktforskriften:

5% - 15%

· Ikke-ioniske overflateaktive stoffer

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.
D-Glucopyranose,oligomers,decyloctyl glycoside	CAS-nr.: 68515-73-1 EF-nr.: REACH: Indeksnr.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS-nr.: 506-89-8 EF-nr.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	

	REACH: Indeksnr.:		STOT SE 3, H335	
natriumhydroksid;kaustisk soda;natronlut	CAS-nr.: 1310-73-2 EF-nr.: 215-185-5 REACH: 01-2119457892-27-XXXX Indeksnr.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

Se avsnitt 16 for de fullstendige H-setningene det vises til ovenfor. Tiltaks- og grenseverdier, hvis tilgjengelig, er oppført i avsnitt 8.

Annem informasjon

(19) UVCB= Ukjent eller variabel sammensetning, komplekse reaksjonsprodukter eller biologiske materialer.

AVSNITT 4: FØRSTEHJELPSTILTAK

4.1. Beskrivelse av førstehjelpstiltak

Generelt:

Ved uhell: Kontakt lege eller legevakt - ta med etiketten eller dette sikkerhetsdatabladet.

Ved vedvarende symptomer eller ved tvil om den skaddes tilstand skal det søkes legehjelp. Gi aldri en bevisstløs person vann eller lignende.

Innånding:

Ved pustevansker eller irritasjon i luftveiene: Ta personen ut i frisk luft og hold personen under oppsyn.

Hudkontakt:

Det er viktig å skylle lenge - minimum 30 minutter. Det kan være nødvendig å skylle i flere timer. Bruk behagelig temperatur på vannet (20-30 °C). Kontakt Giftinformasjon/lege/sykehus for videre råd om oppfølging og behandling.

Tilsølt tøy og sko fjernes. Hud som har vært i kontakt med materialet vaskes grundig med vann og såpe.

Hudrensemiddel kan brukes. Bruk IKKE løsemidler eller fortyynnere.

Ved hudirritasjon: Søk legehjelp.

Øyekontakt:

Ved kontakt med øynene: Hold øyelokkene fra hverandre slik at vannet kommer godt til. Om man bruker kontaktlinser skal disse fjernes så raskt som mulig. Skyll straks øynene med rikelig vann (20-30 °C) til irritasjonen opphører, og minst i 30 minutter. Sørg for å skylle under øvre og nedre øyelokk. Oppsøk legevakt/sykehus straks. Fortsett skylking under transport.

Svelging:

Ved inntak, kontakt omgående lege. Gi den skadde vann å drikke hvis vedkommende er ved bevissthet. Forsøk IKKE å fremkalle brekninger med mindre legen anbefaler det. Senk hodet, slik at oppkast ikke vil renne ned i munnen og halsen. Forebygg sjokk ved å holde den skadde varm og i ro. Gi kunstig åndedrett hvis personen slutter å puste. Ved bevisstløshet, legg den skadde i stabilt sideleie. Tilkall ambulanse.

Forbrenning:

Ikke relevant.

4.2. De viktigste symptomene og virkningene, både akutte og forsinkede

Vevsødeleggende virkninger: Produktet inneholder stoffer som er etsende. Hvis damp eller aerosoler innåndes kan det gi skader på lungene og forårsake irritasjon og svie i åndedretsorganene, samt hoste. Etsende stoffer kan forårsake uopprettelige skader på øyne. Etses huden.

4.3. Angivelse av om umiddelbar legehjelp og spesialbehandling er nødvendig

Ved eksponering eller mistanke om eksponering:

Søk legehjelp umiddelbart.

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 brannsløkking renne ut i kloakk og vannløp.

Hvis produktet utsettes for høye temperaturer, f.eks. i tilfelle brann, kan det dannes farlige nedbrytningsprodukter. Disse er:

Karbonoksider (CO / CO₂)

5.3. Råd til brannmannskaper

Brannsløkningspersonell skal bruke egnet verneutstyr og selvforsynt åndedrettsvern med full ansiktsmaske.

AVSNITT 6: TILTAK VED UTILSIKTEDE UTSLIPP

6.1. Personlige forsiktighetsregler, personlig verneutstyr og nødrutiner

Unngå direkte kontakt med søl.

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: HÅNDBTERING OG LAGRING

7.1. Forsiktighetsregler for sikker håndtering

Unngå direkte kontakt med produktet.

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

Åpnede beholdere må lukkes forsvarlig og oppbevares stående for å unngå lekkasje.

Egnet emballasje:

Oppbevares bare i originalemballasjen.

Oppbevaringsbetingelser:

Tørt, kjølig og godt ventilert

Uforenlige materialer:

Oppbevares bare i originalemballasjen.

7.3. Særlig(e) sluttanvendelse(r)

Dette produktet bør bare brukes til formål som beskrevet i avsnitt 1.2.

AVSNITT 8: EKSPONERINGSKONTROLL / PERSONLIG VERNEUTSTYR

8.1. Kontrollparametere

Produktet inneholder ikke noen stoffer som er nevnt i den norske listen for stoffer med yrkesmessige begrensninger for eksponering.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Varighet:	Opptaksvei:	DNEL:
Langsiktig – Systemiske effekter - Arbeidere	Dermal	595000 mg/kg bw/day
Langsiktig – Systemiske effekter - Befolkningen generelt	Dermal	357000 mg/kg bw/day
Langsiktig – Systemiske effekter - Arbeidere	Innånding	420 mg/m ³
Langsiktig – Systemiske effekter - Befolkningen generelt	Innånding	124 mg/m ³
Langsiktig – Systemiske effekter - Befolkningen generelt	Oral	35.7 mg/kg bw/day

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Opptaksvei:	Eksponeringens varighet:	PNEC:
Ferskvann		176 µg/L
Ferskvannssediment		1.516 mg/kg
Havvann		17.6 µg/L
Havvannssediment		152 µg/kg
Jord		654 µg/kg
Periodisk utslipp (ferskvann)		270 µg/L
Renseanlegg		560 mg/L
Rovdyr		111.11 mg/kg

8.2. Eksponeringskontroll

Bruk generell kontroll for å forhindre unødvendig eksponering.

Generelt:

Røking, inntak av mat og drikke er ikke tillatt i arbeidsområdet.

Eksponeringsscenarioer:

Ingen eksponeringsscenarioer er implementert for dette produktet.

Eksponeringsgrenser:

Det foreligger ikke eksponeringsgrenser for innholdstoffer i produktet.

Tekniske tiltak:

Sørg for at øyeskyllestasjoner og sikkerhetsdusjer er plassert innen rekkevidde. Følg standard forholdsregler ved bruk av produktet. Unngå inhalering av damp.

Hygieniske tiltak:

Ved hver pause i bruk av produktet og ved arbeidsstans skal eksponerte områder av kroppen vaskes. Vær ekstra nøye med hender, underarmer og ansikt.

Begrensning av eksponering av miljøet:

Hold oppdemningsmaterialer i nærheten av arbeidsplassen. Samle om mulig inn søl i løpet av arbeidet.

Individuelle vernetiltak

Generelt:

Tilsølte klær må vaskes før de brukes på nytt. Benytt utelukkende CE-merket verneutstyr.

Åndedrettsvern:

Type	Klasse	Farge	Standarder	
Åndedrettsvern er ikke nødvendig ved tilstrekkelig ventilasjon.				

Kroppsværn:

Anbefalt	Type/Kategori	Standarder	
Ingen spesielle ved normal tilsiktet bruk.	-	-	

Håndværn:

Materiale	Hanskeykkelse (mm)	Gjennomtrengningstid (min.)	Standarder	
Nitril	0.4	> 480	EN374-2, EN374-3, EN388	

Øyeværn:

Type	Standarder	
Bruk beskyttelsesbriller med sideskjold.	EN166	

AVSNITT 9: FYSISKE OG KJEMISKE EGENSKAPER

9.1. Opplysninger om grunnleggende fysiske og kjemiske egenskaper

Tilstandsform:

Væske

Farge:

Brun

Lukt / Luktterskel (ppm):

Karakteristisk

pH:

ca. 1.6

Tetthet (g/cm³):

1,05 (20 °C)

Kinematisk viskositet:

Ingen relevante eller tilgjengelige data som følge av produktets art

Partikkelegenskaper:

Ikke relevant - produktet er en væske

Tilstandsendring og damptrykk

Smeltepunkt/Frysepunkt (°C):

Ingen relevante eller tilgjengelige data som følge av produktets art

Bløtgjøringspunkt / -område (°C):

Ikke relevant - produktet er en væske

Kokepunkt (°C):

Ingen relevante eller tilgjengelige data som følge av produktets art

Damptrykk:

Ingen relevante eller tilgjengelige data som følge av produktets art

Relativ damptetthet:

Ingen relevante eller tilgjengelige data som følge av produktets art

Spaltingstemperatur (°C):

Ingen relevante eller tilgjengelige data som følge av produktets art

Data for brann- og eksplosjonsfarer

Flammepunkt (°C):

Ingen relevante eller tilgjengelige data som følge av produktets art

Antennelighet (°C):

Ingen relevante eller tilgjengelige data som følge av produktets art

Selvantennelsestemperatur (°C):

Ingen relevante eller tilgjengelige data som følge av produktets art

Nedre og øvre eksplosjonsgrense (% v/v):

Ingen relevante eller tilgjengelige data som følge av produktets art

Løselighet

Løselighet i vann:

Fullt oppløselig

Fordelingskoeffisient (n-octanol/vann) (LogKow):

Ingen relevante eller tilgjengelige data som følge av produktets art

Løselighet i fett (g/L):

Ingen relevante eller tilgjengelige data som følge av produktets art

9.2. Andre opplysninger

Andre fysiske og kjemiske parametere:

ND: 1.354

Oksiderende egenskaper:

Ingen relevante eller tilgjengelige data som følge av produktets art

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

Oppbevares bare i originalemballasjen.

10.6. Farlige nedbrytningsprodukter

Termisk nedbrytning kan produsere etsende damper.

AVSNITT 11: TOKSIKOLOGISKE OPPLYSNINGER

11.1. Opplysninger om fareklasser som definert i forordning (EF) nr. 1272/2008

Akutt giftighet

Produkt/bestanddel	D-Glucopyranose,oligomers,decyloctyl glycoside
Testmetode:	OECD 401
Art:	Rotte
Opptaksvei:	Oral
Test:	LD50
Resultat:	> 5.000 mg/kg

Produkt/bestanddel	D-Glucopyranose,oligomers,decyloctyl glycoside
Testmetode:	OECD 402
Art:	Kanin
Opptaksvei:	Dermal
Test:	LD50

Resultat: > 2000 mg/L

Hudetsing/hudirritasjon

Produkt/bestanddel D-Glucopyranose,oligomers,decyloctyl glycoside
Resultat: Ingen negative effekter observert (Ingen irritasjon)

Gir alvorlige etseskader på hud og øyne.

Alvorlig øyeskade/øyeirritasjon

Produkt/bestanddel D-Glucopyranose,oligomers,decyloctyl glycoside
Resultat: Negative effekter observert (Gir alvorlig øyeskade)

Gir alvorlig øyeskade.

Sensibilisering ved innånding

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Sensibilisering ved hudkontakt

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

Arvestoffskadelig virkning på kjønnceller

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

Vevsødeleggende virkninger: Produktet inneholder stoffer som er etsende. Hvis damp eller aerosoler innåndes kan det gi skader på lungene og forårsake irritasjon og svie i åndedretsorganene, samt hoste. Etsende stoffer kan forårsake uopprettelige skader på øyne. Etser huden.

Hormonforstyrrende egenskaper

Blanding/produktet inneholder ingen stoffer som anses å ha hormonforstyrrende egenskaper som kan påvirke helsen.

Andre opplysninger

Ingen kjente

AVSNITT 12: ØKOLOGISKE OPPLYSNINGER

12.1. Giftighet

Produkt/bestanddel D-Glucopyranose,oligomers,decyloctyl glycoside
Testmetode: DIN EN ISO 7346-2
Art: Fisk, Brachydanio rerio
Test: LC50
Resultat: > 100 mg/L

Produkt/bestanddel D-Glucopyranose,oligomers,decyloctyl glycoside
Testmetode: OECD 202
Art: Daphnia magna
Test: EC50
Resultat: > 100 mg/L

Produkt/bestanddel D-Glucopyranose,oligomers,decyloctyl glycoside

Art: Scenedesmus subspicatus
Test: EC50
Resultat: > 10 - 100 mg/L

Produkt/bestanddel: D-Glucopyranose,oligomers,decyloctyl glycoside
Testmetode: OECD 209
Art: Pseudomonas putida
Test: EC0
Resultat: > 100 mg/l mg/L

Produkt/bestanddel: D-Glucopyranose,oligomers,decyloctyl glycoside
Testmetode: OECD 204
Art: Fisk, Brachydanio rerio
Resultat: > 1 - 10 mg/L

Produkt/bestanddel: D-Glucopyranose,oligomers,decyloctyl glycoside
Testmetode: OECD 202
Art: Daphnia magna
Test: NOEC
Resultat: > 1 - 10 mg/L

12.2. Persistens og nedbrytbarhet

Produkt/bestanddel: D-Glucopyranose,oligomers,decyloctyl glycoside
Konklusjon: God biologisk nedbrytbarhet

Tensidet(ene) som inngår i denne blandingen oppfyller kriteriene for biologisk nedbrytning i Forskrift 1. juni 2004 nr. 922 om begrensning i bruk av helse- og miljøfarlige kjemikalier og andre produkter (produktforskriften) (EU regulativ nr. 648/2004). Data som underbygger denne påstanden er tilgjengelige for medlemsstatenes rette myndighet og vil bli gjort tilgjengelige for dem ved direkte forespørsel, eller på forespørsel fra en produsent av vaske- og rengjøringsmidler.

12.3. Bioakkumuleringsevne

Basert på tilgjengelige data er klassifiseringskriteriene ikke oppfylt.

12.4. Mobilitet i jord

Ingen data tilgjengelige.

12.5. Resultater av PBT- og vPvB-vurdering

Blanding/produktet inneholder ikke noen stoffer som oppfyller kriteriene som klassifiserer dem som PBT og/eller vPvB.

12.6. Hormonforstyrrende egenskaper

Blanding/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

Dette produktet er omfattet av regelverket om farlig avfall. (*)

HP 8 Etsende

Innhold/beholder leveres til godkjent avfallsanlegg.

Fraråde tømning i avløp.

Forskrift 1. juni 2004 nr. 930 om gjenvinning og behandling av avfall (avfallsforskriften).

Avfallskode EAL:

20 01 29*

Rengjøringsmidler som inneholder farlige stoffer

Forurenset emballasje

Emballasje med restinnhold av produktet skal avhendes etter samme bestemmelser som produktet.

AVSNITT 14: TRANSPORTOPPLYSNINGER

	14.1 FN- eller ID-nummer	14.2 FN-forsendelsesnavn	14.3 Transportfareklasse(r)	14.4 Emballasje- grupp e	14.5 Miljøfa rer	Annen informas jon:
ADR	UN3265	ETSENDE VÆSKE, SUR, ORGANISK, N.O.S.	Klasse: 8 Faresedler: 8 Klassifiseringskoder: C3 	III	Nei	Begrense de mengder: 5 L Tunnel restriksjo nskode: (E) Se mer informasj on under.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

Annen informasjon

Produktet er omfattet av konvensjonene om farlig gods.

ADR / See Tabell A, punkt 3.2.1 for eventuell informasjon om spesielle bestemmelser, krav eller advarsler i forbindelse med transport. Se punkt 5.4.3, for skriftlige instruksjoner om tapsbegrensning ved hendelser eller ulykker under transport.

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.

Produktet må ikke brukes profesjonelt av personer under 18 år.

Krav om særlig utdanning:

Ingen spesielle krav.

SEVESO - Farekategorier / spesifiserte farlige kjemikalier:

Ikke relevant.

Etikettering av innhold i overensstemmelse med produktforskriften:

5% - 15%

· Ikke-ioniske overflateaktive stoffer

Deklarering av kjemikalier:

Dersom produktet importeres til eller produseres i Norge i mengder på 100 kg/år er det registreringspliktig i produktregisteret fordi det er klassifisert som farlig.

Annen informasjon:

Tensidet(ene) som inngår i denne blandingen oppfyller kriteriene for biologisk nedbrytning i Forskrift 1. juni 2004 nr. 922 om begrensning i bruk av helse- og miljøfarlige kjemikalier og andre produkter (produktforskriften) (EU

regulativ nr. 648/2004). Data som underbygger denne påstanden er tilgjengelige for medlemsstatenes rette myndighet og vil bli gjort tilgjengelige for dem ved direkte forespørsel, eller på forespørsel fra en produsent av vaske- og rengjøringsmidler.

Kilder:

Lov 17. juni 2005 nr. 62 om arbeidsmiljø, arbeidstid og stillingsvern mv. (arbeidsmiljøloven, kapittel 11. arbeid av barn og ungdom).
EUROPAPARLAMENTS- OG RÅDSFORORDNING (EF) nr. 648/2004 av 31. mars 2004 om vaske- og rengjøringsmidler
Forskrift 1. juni 2004 nr. 930 om gjenvinning og behandling av avfall (avfallsforskriften).
Forskrift 19. mai 2015 nr. 541 om deklareringsregisteret (deklareringsforskriften).
Forskrift 16. juni 2012 nr. 622 om klassifisering, merking og emballering av stoffer og stoffblandinger (CLP-forskriften).
Forskrift 30. mai 2008 nr. 516 om registrering, vurdering, godkjenning og begrensning av kjemikalier (REACH-forskriften).

15.2. Vurdering av kjemikaliesikkerhet

Nei

AVSNITT 16: ANDRE OPPLYSNINGER

Fullstendig tekst for H-setninger som det refereres til i avsnitt 3

H290, Kan være etsende for metaller.
H314, Gir alvorlige etseskader på hud og øyne.
H315, Irriterer huden.
H318, Gir alvorlig øyeskade.
H319, Gir alvorlig øyeirritasjon.
H335, Kan forårsake irritasjon av luftveiene.

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 kommersielle kjemiske substanser
ES = Eksponeringsscenario
EUH statement = CLP-spesifikk fareerklæring
EuPCS = Europeisk produktkategoriseringssystem
EWC = Europeisk Avfallskatalog
GHS = Globalt Harmonisert System for Klassifisering og Merking av Kjemikalier
GWP = Potensial for global oppvarming
IATA/ICAO = Internasjonal lufttransport Forening
IBC = Middels Bulk Kontainer
IMDG = Internasjonal Maritim Farlig Gods
LogPow = Logaritmen til fordelingskoeffisienten for oktanol / vann
MARPOL 73/78 = Den Internasjonale Konvensjonen til Forhindring av Marin Forurensning fra Skip, 1973, modifisert i 1978
OECD = Organisasjonen for økonomisk samarbeid og utvikling
PBT = Persistent, Bioakkumulerbar og Giftig
PNEC = Forutsatt ingen effekt konsentrasjon
RID = Forskrift 1. april 2009 om landtransport av farlig gods
RRN = REACH 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

Klassifiseringen av blandingen når det gjelder helsefarer er i samsvar med beregningsmetodene som er beskrevet i CLP-forskriften.

Klassifiseringen av blandingen når det gjelder hudirritasjon og alvorlig øyenskade er basert på pH-kriteriene beskrevet i CLP-forskriften.

Sikkerhetsdatablad er validert av

Quality & Compliance

Annet

Endringer i forhold til siste vesentlige revisjon (første siffer i SDS-versjon, se avsnitt 1) av dette sikkerhetsdatablad er markert med en trekant.

Opplysningene i dette sikkerhetsdatabladet gjelder kun produktet nevnt i avsnitt 1 og er ikke nødvendigvis gjeldende ved bruk sammen med andre produkter.

Det anbefales å utlevere dette sikkerhetsdatabladet til den faktiske bruker av produktet. Den nevnte informasjonen kan ikke brukes som produktspesifikasjon.

Land-språk: NO-nb

SAFETY DATA SHEET

i.23 descaler foam

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

Product identifier

Trade name:
i.23 descaler foam

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:
12/02/2025

SDS Version:
1.0

Emergency telephone number

National Poisons Centre: 0800 764 766 (24 hour service)
See also section 4 "First aid measures"

SECTION 2: HAZARDS IDENTIFICATION

Classified according to the Hazardous Substances (Hazard Classification) Notice.

Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)

Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

Not applicable.

Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not applicable. This product is a mixture.

Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

Most important symptoms and effects, both acute and delayed

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

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)

Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the National Poisons Centre: 0800 764 766 (24 hour service) in order to obtain further advice.
Hazchem Code: 2X

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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 direct contact with the product.
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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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:

Ensure that eyewash stations and safety showers are located within easy reach.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.

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	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form:

Liquid

Colour:

Brown

Odour:

Characteristic

Odour threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

Explosion limits (% v/v):

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

Other information

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: EC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Species: Scenedesmus subspicatus
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 209
 Species: Pseudomonas putida
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, Brachydanio rerio
 Result: > 1 - 10 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: NOEC
 Result: > 1 - 10 mg/L

Persistence and degradability

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Conclusion: Readily biodegradable

Bioaccumulative potential

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

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

Dispose of contents/container to an approved waste disposal plant.

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

Hazchem Code: 2X

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.

People under the age of 15 shall not be exposed to this product.

Demands for specific education:

No specific requirements.

Control of major hazard facilities:

Not applicable.

Additional information:

Not applicable.

New Zealand Inventory of Chemicals (NZIoC):

D-Glucopyranose, oligomers, decyloctyl glycoside is listed

Urea hydrochloride is listed

Sources:

Health and Safety at Work (General Risk and Workplace Management) Regulations 2016 (LI 2016/13)

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

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by the Hazardous Substances (Hazard Classification) Notice.

The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by the Hazardous Substances (Hazard Classification) Notice.

The safety data sheet is validated by

Quality & Compliance

Other

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

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

KARTA CHARAKTERYSTYKI

i.23 descaler foam

SEKCJA 1: IDENTYFIKACJA SUBSTANCJI/MIESZANINY I IDENTYFIKACJA PRZEDSIĘBIORSTWA

1.1. Identyfikator produktu

Nazwa handlowa:
i.23 descaler foam

Niepowtarzalny identyfikator postaci czynnej (UFI):
E094-SY4R-6T7V-FTJ3

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:
12.02.2025

Wersja karty charakterystyki:
1.0

1.4. Numer telefonu alarmowego

Ośrodki zatruc.
Gdańsk: Pomorskie Centrum Toksykologii. Tel: (48) 58 682 04 04
Kraków: Centrum Informacji Toksykologicznej. Tel: (48) 12 411 99 99
Łódź: Krajowe Centrum Informacji o Truciznach. Tel: (48) 42 63 14 724
Warszawa: Warszawskie Centrum Informacji i Kontroli Zatruc. Tel: (48) 22 619 66 54
Wrocław: Dolnośląskie Centrum Informacji Toksykologicznej i Toksykologicznej. Tel: (48) 71 306 44 19

*Europejski numer alarmowy : 112

Patrz sekcja 4 o środkach pierwszej pomocy.

SEKCJA 2: IDENTYFIKACJA ZAGROŻEŃ

Klasyfikacja wg Rozporządzenia (WE) 1272/2008 (CLP).

2.1. Klasyfikacja substancji lub mieszaniny

Skin Corr. 1; H314, Powoduje poważne oparzenia skóry oraz uszkodzenia oczu.

Eye Dam. 1; H318, Powoduje poważne uszkodzenie oczu.

2.2. Elementy oznakowania

Piktogram(y) zagrożeń:



Hasło ostrzegawcze:

Niebezpieczeństwo

Zwrot wskazujący rodzaj zagrożenia:

Powoduje poważne oparzenia skóry oraz uszkodzenia oczu. (H314)

Zwroty wskazujące środki ostrożności:

Ogólne:

-

Zapobieganie:

Nie wdychać par/mgły. (P260)

Stosować ochronę oczu/rękawice ochronne. (P280)

Reagowanie:

W PRZYPADKU KONTAKTU ZE SKÓRĄ (lub z włosami): Natychmiast zdjąć całą zanieczyszczoną odzież. Spłukać skórę pod strumieniem wody lub prysznicem. (P303+P361+P353)

W PRZYPADKU DOSTANIA SIĘ DO OCZU: Ostrożnie płukać wodą przez kilka minut. Wyjąć soczewki kontaktowe, jeżeli są i można je łatwo usunąć. Nadal płukać. (P305+P351+P338)

Natychmiast skontaktować się z OŚRODKIEM ZATRUĆ/lekarzem. (P310)

Przechowywanie:

-

Usuwanie:

Zawartość/pojemnik usuwać zgodnie z przepisami lokalnymi (P501)

Zawiera następujące substancje odpowiedzialne za ryzyko zagrożenia zdrowia:

D-Glucopyranose, oligomers, decyloctyl glycoside

Informacje uzupełniające na etykiecie:

UFI: E094-SY4R-6T7V-FTJ3

Oznakowanie zawartości zgodnie z Rozporządzeniem nr 648/2004 w sprawie detergentów:

5% - 15%

· Niejonowe środki powierzchniowo czynne

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
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D-Glucopyranose, oligomers, decyloctyl glycoside	Nr. CAS: 68515-73-1 Nr. WE: REACH: Nr. indeksowy:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	Nr. CAS: 506-89-8 Nr. WE: 208-059-6 REACH: Nr. indeksowy:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
wodorotlenek sodu	Nr. CAS: 1310-73-2 Nr. WE: 215-185-5 REACH: 01-2119457892-27-XXXX Nr. indeksowy: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

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

[19] UVCB = Oznacza substancje o nieznanym lub zmiennym składzie, złożone produkty reakcji lub materiały biologiczne.

SEKCJA 4: ŚRODKI PIERWSZEJ POMOCY

4.1. Opis środków pierwszej pomocy

Informacje ogólne:

W razie wypadku lub złego samopoczucia skontaktować się z lekarzem lub pogotowiem – zabrać ze sobą etykietę lub niniejszą kartę charakterystyki. Lekarz może się zwrócić do Instytutu Toksykologii w szpitalu.

Jeśli objawy nie ustają, lub jeśli są wątpliwości co do stanu osoby poszkodowanej, trzeba się zwrócić po pomoc lekarską. Nigdy nie podawaj wody ani podobnych płynów osobie nieprzytomnej.

Wdychanie:

W razie problemów z oddychaniem lub podrażnienia dróg oddechowych: Zapewnić poszkodowanemu dostęp do świeżego powietrza i nie pozostawiać go bez nadzoru.

Kontakt ze skórą:

Narażony obszar spłukiwać wodą przez długi czas – co najmniej 30 minut. Może być konieczne płukanie przez kilka godzin. Używać wody o komfortowej temperaturze (20-30 °C). Skontaktować się z Centrum Informacji ds. zatruć/lekarzem/szpitałem w celu uzyskania dalszych porad dotyczących obserwacji i leczenia.

Natychmiast zdjęć zanieczyszczoną odzież. Niezwłocznie spłukać skażone miejsce obficie wodą. Można zastosować środki do mycia skóry. NIE używać rozpuszczalników ani rozcieńczalników.

W przypadku wystąpienia podrażnienia skóry: Zasięgnąć porady/zgłosić się pod opiekę lekarza.

Kontakt z oczami:

W PRZYPADKU DOSTANIA SIĘ DO OCZU: Natychmiast przemyć oczy dużą ilością wody lub płynem do przemywania oczu. Trzymać oczy szeroko otwarte. Płukać aż minie podrażnienie, przynajmniej przez 30 minut. Usunąć ewentualne szkła kontaktowe. Należy natychmiast zawezwać lekarza. Kontynuować płukanie podczas transportu.

Połknięcia:

W przypadku połknięcia należy się natychmiast skontaktować z lekarzem. Jeśli poszkodowana osoba jest przytomna, należy jej dać wodę do picia. NIE należy wywoływać wymiotów, jeśli lekarz tego nie zalecił. Ułożyć głowę nisko, tak, aby wymioty nie wróciły do ust i gardła. Unikać szoku trzymając poszkodowaną osobę w ciepłe i spokoju. W przypadku braku oddechu, należy zastosować sztuczne oddychanie. W przypadku braku przytomności, należy ułożyć poszkodowaną osobę w pozycji bocznej ustalonej. Wezwać pogotowie.

Oparzenie:

Nie dotyczy.

4.2. Najważniejsze ostre i opóźnione objawy oraz skutki narażenia

Produkt zawiera substancje żrące. Wdychanie oparów może działać silnie drażniąco. Może uszkodzić płuca i spowodować podrażnienie i ból w narządach układu oddechowego oraz kaszel. Substancje żrące mogą być przyczyną utraty wzroku lub trwałego uszkodzenia wzroku. Działa żrąco na skórę. Może powodować rany. Działa szkodliwie po połknięciu, możliwe ryzyko powstania nieodwracalnych zmian w stanie zdrowia.

4.3. Wskazania dotyczące wszelkiej natychmiastowej pomocy lekarskiej i szczególnego postępowania z poszkodowanym

W PRZYPADKU narażenia lub styczności:
Natychmiast zasięgnąć porady/zgłosić się pod opiekę lekarza.

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)

5.3. Informacje dla straży pożarnej

Normalne ubranie strażackie i pełne wyposażenie dla ochrony dróg oddechowych. W przypadku bezpośredniego kontaktu z substancją chemiczną dowódca zastępu może się skontaktować z centrum ratunkowym dla wypadków chemicznych aby otrzymać dalsze porady.

SEKCJA 6: POSTĘPOWANIE W PRZYPADKU NIEZAMIERZONEGO UWOLNIENIA DO ŚRODOWISKA

6.1. Indywidualne środki ostrożności, wyposażenie ochronne i procedury w sytuacjach awaryjnych

Unikać bezpośredniego kontaktu z rozlanym materiałem.
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 bezpośredniego kontaktu z produktem.

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

Otwarte pojemniki muszą być ponownie uszczelnione i przechowywane pionowo dla uniknięcia wycieków.

Zgodności z opakowaniem:

Przechowywać wyłącznie w oryginalnym opakowaniu.

Warunki przechowywania:

W miejscu suchym, chłodnym i z dobrą cyrkulacją powietrza

Materiały niezgodne:

Przechowywać wyłącznie w oryginalnym opakowaniu.

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

D-Glucopyranose,oligomers,decyloctyl glycoside

Czas:	Droga narażenia:	DNEL:
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Doustnie	35.7 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Naskórnice	357000 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Naskórnice	595000 mg/kg/dzień
Długoterminowo (działanie ogólnoustrojowe-cała populacja)	Wziewnie	124 mg/m ³
Długoterminowo (działanie ogólnoustrojowe-Pracownicy)	Wziewnie	420 mg/m ³

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Droga narażenia:	Czas ekspozycji:	PNEC:
Drapieżniki		111.11 mg/kg
Oczyszczalnia ścieków		560 mg/L
Osad w wodzie morskiej		152 µg/kg
Osad w wodzie słodkiej		1.516 mg/kg
Przerywane uwalnianie (woda słodka)		270 µg/L
Woda morska		17.6 µg/L
Woda słodka		176 µg/L
Ziemia		654 µg/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:

Zapewnić łatwy dostęp do oczomyjek i natrysków bezpieczeństwa.
Stosuj standardowe środki ostrożności podczas użytkowania produktu. Unikaj wdychania oparów.

Zaradcze środki higieniczne:

W każdej przerwie w pracy z produktem oraz po zakończeniu dnia pracy należy umyć odkryte części ciała. Zwracać szczególną uwagę na dłonie, przedramiona i twarz.

Środki ograniczające narażenie środowiska:

Należy zapewnić, aby w czasie pracy z produktem materiały tamujące znajdowały się w bezpośrednim zasięgu. Jeśli to możliwe, należy używać wanieki ściekowej.

Indywidualne środki ochrony takie jak indywidualne wyposażenie ochronne

Ogólnie:

Wyprać zanieczyszczoną odzież przed ponownym użyciem.
Używać wyłącznie sprzętu ochronnego z oznakowaniem CE.

Ochronę dróg oddechowych:

Typ	Klasa	Kolor	Normy	
Środki ochrony dróg oddechowych nie są wymagane w przypadku odpowiedniej wentylacji				

Ochrona skór:

Polecamy	Typu/Kategorii	Normy	
Brak szczególnych przy zwykłym użyciu zgodnie z przeznaczeniem.	-	-	

Ochrona rąk:

Materiał	Grubość rękawicy (mm)	Czas wytrzymałości (min.)	Normy	
Nitryl	0.4	> 480	EN374-2, EN374-3, EN388	

Ochrona oczu:

Typ	Normy	
Noś okulary ochronne z osłonami bocznymi.	EN166	

SEKcja 9: WŁAŚCIWOŚCI FIZYCZNE I CHEMICZNE

9.1. Informacje na temat podstawowych właściwości fizycznych i chemicznych

Stan skupienia:

Ciekły

Kolor:

Brązowy

Zapach / Próg zapachu (ppm):

Charakterystyczny

pH:

ca. 1.6

Gęstość (g/cm³):

1,05 (20 °C)

Lepkość kinematyczna:

Brak stosownych lub dostępnych danych na temat charakteru produktu

Charakterystyka cząsteczek:

Nie dotyczy cieczy.

Zmiana stanu skupienia i opary

Temperatura topnienia/krzepnięcia (°C):

Brak stosownych lub dostępnych danych na temat charakteru produktu

Temperaturę/zakres mięknięcia (°C):

Nie dotyczy cieczy.

Temperatura wrzenia (°C):

Brak stosownych lub dostępnych danych na temat charakteru produktu

Prężność pary:

Brak stosownych lub dostępnych danych na temat charakteru produktu

Względna gęstość pary :

Brak stosownych lub dostępnych danych na temat charakteru produktu

Temperatura rozkładu (°C):

Brak stosownych lub dostępnych danych na temat charakteru produktu

Dane dotyczące niebezpieczeństwa pożaru i wybuchu

Temperatura zapłonu (°C):

Brak stosownych lub dostępnych danych na temat charakteru produktu

Palność materiałów (°C):

Brak stosownych lub dostępnych danych na temat charakteru produktu

Temperatura samozapłonu (°C):

Brak stosownych lub dostępnych danych na temat charakteru produktu

Granice wybuchowości (obj. %):

Brak stosownych lub dostępnych danych na temat charakteru produktu

Rozpuszczalność

Rozpuszczalność w wodzie:

Całkowicie rozpuszczalny

n-oktanol/woda współczynnik (LogKow):

Brak stosownych lub dostępnych danych na temat charakteru produktu

Rozpuszczalność w tłuszczu (g/L):

Brak stosownych lub dostępnych danych na temat charakteru produktu

9.2. Inne informacje

Inne parametry fizyczne i chemiczne:

ND: 1.354

Właściwości utleniające:

Brak stosownych lub dostępnych danych na temat charakteru produktu

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

Przechowywać wyłącznie w oryginalnym opakowaniu.

10.6. Niebezpieczne produkty rozkładu

Rozkład termiczny może powodować wydzielanie się żrących oparów.

SEKCJA 11: INFORMACJE TOKSYKOLOGICZNE

11.1. Informacje na temat klas zagrożenia zdefiniowanych w rozporządzeniu (WE) nr 1272/2008

Toksyczność ostra

Produktu/składnik	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda badania:	OECD 401
Rodzaj:	Szczur
Droga narażenia:	Doustnie
Test:	LD50
Wynik:	> 5.000 mg/kg

Produktu/składnik	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda badania:	OECD 402
Rodzaj:	Królik
Droga narażenia:	Naskórnice
Test:	LD50
Wynik:	> 2000 mg/L

Działanie żrące/drażniące na skórę

Produktu/składnik	D-Glucopyranose, oligomers, decyloctyl glycoside
Wynik:	Nie zaobserwowano działań szkodliwych (Nie działa drażniąco)

Powoduje poważne oparzenia skóry oraz uszkodzenia oczu.

Poważne uszkodzenie oczu/działanie drażniące na oczy

Produktu/składnik	D-Glucopyranose, oligomers, decyloctyl glycoside
Wynik:	Zaobserwowano działania szkodliwe (Powoduje poważne uszkodzenie oczu)

Powoduje poważne uszkodzenie oczu.

Działanie uczulające na drogi oddechowe

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

Produkt zawiera substancje żrące. Wdychanie oparów może działać silnie drażniąco. Może uszkodzić płuca i spowodować podrażnienie i ból w narządach układu oddechowego oraz kaszel. Substancje żrące mogą być przyczyną utraty wzroku lub trwałego uszkodzenia wzroku. Działa żrąco na skórę. Może powodować rany. Działa szkodliwie po połknięciu, możliwe ryzyko powstania nieodwracalnych zmian w stanie zdrowia.

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	D-Glucopyranose,oligomers,decyloctyl glycoside
Metoda badania:	DIN EN ISO 7346-2
Rodzaj:	Ryba, Brachydanio rerio
Test:	LC50
Wynik:	> 100 mg/L

Produktu/składnik	D-Glucopyranose,oligomers,decyloctyl glycoside
Metoda badania:	OECD 202
Rodzaj:	Daphnia magna
Test:	CE50
Wynik:	> 100 mg/L

Produktu/składnik	D-Glucopyranose,oligomers,decyloctyl glycoside
Rodzaj:	Scenedesmus subspicatus
Test:	CE50
Wynik:	> 10 - 100 mg/L

Produktu/składnik	D-Glucopyranose,oligomers,decyloctyl glycoside
Metoda badania:	OECD 209
Rodzaj:	Pseudomonas putida
Test:	EC0
Wynik:	> 100 mg/l mg/L

Produktu/składnik	D-Glucopyranose,oligomers,decyloctyl glycoside
Metoda badania:	OECD 204
Rodzaj:	Ryba, Brachydanio rerio
Wynik:	> 1 - 10 mg/L

Produktu/składnik	D-Glucopyranose,oligomers,decyloctyl glycoside
Metoda badania:	OECD 202
Rodzaj:	Daphnia magna
Test:	NOEC
Wynik:	> 1 - 10 mg/L

12.2. Trwałość i zdolność do rozkładu

Produktu/składnik	D-Glucopyranose,oligomers,decyloctyl glycoside
Wniosek:	Łatwe uleganie biodegradacji

Środek powierzchniowo czynny / środki powierzchniowo czynne zawarte w tym preparacie jest/są zgodny/e z kryteriami podatności na biodegradację zawartymi w dyrektywie (WE) nr 648/2004 dotyczącej detergentów. Dane potwierdzające ten fakt są do dyspozycji właściwych władz państw członkowskich i będą im udostępniane na ich bezpośrednią prośbę lub na prośbę producenta detergentów.

12.3. Zdolność do bioakumulacji

W oparciu o dostępne dane, kryteria klasyfikacji nie są spełnione.

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

Pozbywać się zgodnie z miejscowymi i narodowymi dyrektywami dotyczącymi gospodarki odpadów. (*)

HP 8 - Żrąc

Zawartość/pojemnik usuwać do autoryzowanego zakładu utylizacji 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 29*

Detergenty zawierające substancje niebezpieczne

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	UN3265	MATERIAŁ ŻRĄCY CIEKŁY KWAŚNY ORGANICZNY I.N.O.	Klasa: 8 Nalep-ki: 8 Kod klasyfikacyjny: C3 	III	Nie	Ilości ograniczone: 5 L Kategoria transportowa: (E) Patrz poniżej dodatkowe informacje.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Grupa pakowania

** Zagrozenia dla srodowiska

Inne

Produkt podlega przepisom dotyczącym przewozu towarów niebezpiecznych.

ADR / Informacje na temat szczególnych przepisów, wymagań lub ostrzeżeń dotyczących transportu zamieszczono w Tabeli A, punkt 3.2.1. Instrukcje pisemne dotyczące sposobów ograniczenia szkód powstałych w wyniku zdarzeń lub wypadków mających miejsce w trakcie transportu zamieszczono w punkcie 5.4.3.

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.

Wyrób nie może być używany w celach zawodowych przez osoby w wieku poniżej 18 lat.

Wymagania szczególnego wykształcenia:

Nie ma specjalnych wymagań.

SEVESO - Kategorie niebezpiecznych substancji / Wskazane substancje niebezpieczne:

Nie dotyczy.

Oznakowanie zawartości zgodnie z Rozporządzeniem nr 648/2004 w sprawie detergentów:

5% - 15%

· Niejonowe środki powierzchniowo czynne

Inne:

Środek powierzchniowo czynny / środki powierzchniowo czynne zawarte w tym preparacie jest/są zgodny/e z kryteriami podatności na biodegradację zawartymi w dyrektywie (WE) nr 648/2004 dotyczącej detergentów. Dane potwierdzające ten fakt są do dyspozycji właściwych władz państw członkowskich i będą im udostępniane na ich bezpośrednią prośbę lub na prośbę producenta detergentów.

Źródła:

Dyrektywa Rady 94/33/WE z dnia 22 czerwca 1994 r. w sprawie ochrony pracy osób młodych.

Rozporządzenie (WE) nr 648/2004 Parlamentu Europejskiego i Rady z dnia 31 marca 2004 r. w sprawie detergentów.

Rozporządzenie Komisji (UE) NR 1357/2014 z dnia 18 grudnia 2014 r. zastępujące załącznik III do dyrektywy Parlamentu Europejskiego i Rady 2008/98/WE w sprawie odpadów oraz uchylającej niektóre dyrektywy. Ustawa z dnia 14.12.2012r. o odpadach, (Dz.U.2013 poz.21). Rozporządzenie Ministra Środowiska z dnia 9.12.2014r. w sprawie katalogu odpadów (Dz.U. 2014 poz. 1923).

Rozporządzenie Parlamentu Europejskiego i Rady (WE) nr 1272/2008 z dnia 16 grudnia 2008 r. w sprawie klasyfikacji, oznakowania i pakowania substancji i mieszanin (CLP).

Rozporządzenie Ministra Pracy i Polityki Społecznej z dnia 26.09.1997r. w sprawie ogólnych przepisów bezpieczeństwa i higieny pracy. (Dz.U. 2003 nr 169 poz. 1650) z późniejszymi zmianami.

Rozporządzenie Ministra Zdrowia z dnia 30.12.2004 roku w sprawie bezpieczeństwa i higieny pracy związanej z występowaniem w miejscu pracy czynników chemicznych. (Dz. U. z 2005r. Nr 11, poz. 86) z późniejszymi zmianami.

ROZPORZĄDZENIE PARLAMENTU EUROPEJSKIEGO I RADY (UE) 2016/425 z dnia 9 marca 2016 r. w sprawie środków ochrony indywidualnej oraz uchylenia dyrektywy Rady 89/686/EWG.

Ustawa o substancjach i ich mieszaninach z dnia 25.02.2011r. (Dz.U. 2011 nr 63 poz. 322) z późniejszymi zmianami.

Rozporządzenie (WE) nr 1907/2006 PeiR z dnia 18.12.2006r. w sprawie rejestracji, oceny, udzielania zezwoleń i stosowanych ograniczeń w zakresie chemikaliów (REACH), utworzenia Europejskiej Agencji Chemikaliów, 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

H290, Może powodować korozję metali.

H314, Powoduje poważne oparzenia skóry oraz uszkodzenia oczu.

H315, Działa drażniąco na skórę.

H318, Powoduje poważne uszkodzenie oczu.
H319, Działa drażniąco na oczy.
H335, Może powodować podrażnienie dróg oddechowych.

Skróty i akronimy

ADN = Europejskie Warunki dotyczące Międzynarodowego Przewozu Niebezpiecznych Towarów Wodnymi Drogami Śródlądowymi
ADR = Europejskie Porozumienie dotyczące Międzynarodowych Przewozów Niebezpiecznych Towarów Transportem Drogowym
ATE = Szacunkowa toksyczność ostra
BCF = Współczynnik biokoncentracji
CAS = Chemical Abstract Service (Serwis Wypisów Chemicznych)
CE = Zgodność europejska
CLP = Rozporządzenie dotyczące klasyfikacji, oznakowania i pakowania (Rozporządzenie (WE) nr 1272/2008)
CSA = Ocena bezpieczeństwa chemicznego
CSR = Raport bezpieczeństwa chemicznego
DNEL = Pochodny Poziom Niepowodujący Zmian
EINECS = Europejski Spis Istniejących Substancji Chemicznych Znajdujących się na Rynku
ES = Scenariusz narażenia
EUH statement = CLP Zwrot wskazujący rodzaj zagrożenia
EuPCS = Europejski system klasyfikacji produktów
EWC = Europejski Katalog Odpadów
GHS = Globalnie Zharmonizowany System Klasyfikacji i Oznakowania Chemikaliów
GWP = Współczynnik globalnego ocieplenia
IATA = Międzynarodowe Zrzeszenie Przewoźników Powietrznych
IBC = Intermediate Bulk Container
IMDG = Międzynarodowy Morski Kod Towarów Niebezpiecznych
LogPow = logarytm współczynnika podziału oktanolu/wody
MARPOL = Międzynarodowa Konwencja Zapobiegania Zanieczyszczeniom ze Statków, 1973 modyfikowana Protokołem z roku 1978 (Marpol = zanieczyszczenia morskie)
NDS = średniej ważonej w czasie
OECD = Organizacja Współpracy Ekonomicznej i Rozwoju
PBT = Trwały, wykazujący zdolność do bioakumulacji i toksyczny
PNEC = Przewidywane Stężenie Niepowodujące Zmian w Środowisku
RID = Regulamin dla międzynarodowego przewozu kolejami towarów niebezpiecznych
RRN = Numer rejestracyjny REACH
SCL = Specyficzne stężenie.
SVHC = Substancja wzbudzająca poważne obawy
STOT-RE = Toksyczność docelowa specyficznego narządu - powtarzalne narażenie
STOT-SE = Toksyczność docelowa specyficznego narządu - jednorazowe narażenie
UN = Organizacja Narodów Zjednoczonych (ONZ)
UVCB = Oznacza substancje o nieznanym lub zmiennym składzie, złożone produkty reakcji lub materiały biologiczne.
VOC = Lotny związek organiczny
vPvB = Bardzo trwałe i wykazujące bardzo dużą zdolność do bioakumulacji

Inne

Klasyfikacja mieszaniny pod względem zagrożeń dla zdrowia jest zgodna z metodami obliczeniowymi podanymi w rozporządzeniu (EC) Nr 1272/2008 (CLP).
Klasyfikacja mieszaniny w zakresie oddziaływania żrącego na skórę i poważnego uszkodzenia oczu jest oparta na kryterium pH podanym w rozporządzeniu (EC) nr 1272/2008 (CLP)

Karta charakterystyki została zatwierdzona przez

Quality & Compliance

Inne

Zmiany w stosunku do ostatniej aktualizacji (pierwsza cyfra w wersji karty SDS, sekcji 1) tej karty charakterystyki są oznakowane trójkątami.
Informacje zawarte w niniejszej karcie charakterystyki odnoszą się tylko do produktu wymienionego w sekcji 1 i mogą nie być aktualne w odniesieniu do użycia razem z innymi produktami.
Zaleca się dostarczenie niniejszej karty charakterystyki faktycznemu użytkownikowi produktu. Wymienione informacje nie mogą być używane jako specyfikacja produktu.
Kraj-język: PL-pl

SAFETY DATA SHEET

i.23 descaler foam

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

SDS created for QATAR according to GHS

1.1. Product identifier

Trade name:

i.23 descaler foam

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:

12/02/2025

SDS Version:

1.0

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:
Danger

Hazard statement(s):
Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

Not applicable.

2.3. Other hazards

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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 direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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:

Ensure that eyewash stations and safety showers are located within easy reach.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.
Use only CE marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Brown

Odour:

Characteristic

Odour threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

Explosion limits (% v/v):

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

No data available.

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: EC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Species: Scenedesmus subspicatus
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 209
 Species: Pseudomonas putida
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, Brachydanio rerio
 Result: > 1 - 10 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: NOEC
 Result: > 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

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

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

Dispose of contents/container to an approved waste disposal plant.

Specific labelling

Contaminated packing

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

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informatio n:
ADR	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

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.

People under the age of 18 shall not be exposed to this product.

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

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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 GHS the evaluation of the classification of the mixture is based on:
The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.
The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

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

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

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

Country-language: QA-en

FIȘĂ CU DATE DE SECURITATE

i.23 descaler foam

SECȚIUNEA 1: IDENTIFICAREA SUBSTANȚEI/AMESTECULUI ȘI A SOCIETĂȚII/ÎNTRERINDERII

1.1. Element de identificare a produsului

Nume comercial:

i.23 descaler foam

Identificator de formulă unic (UFI):

E094-SY4R-6T7V-FTJ3

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:

12.02.2025

Versiune SDS:

1.0

1.4. Număr de telefon care poate fi apelat în caz de urgență

BIROUL PT REGULAMENTUL SANITAR INTERNATIONAL SI INFORMARE TOXICOLOGICA: (+40) 21 599 2300

Vedeți secțiunea 4 - Măsurile de prim ajutor

SECȚIUNEA 2: IDENTIFICAREA PERICOLELOR

Clasificat conform Regulamentului (CE) nr. 1272/2008 (CLP).

2.1. Clasificarea substanței sau a amestecului

Skin Corr. 1; H314, Provoacă arsuri grave ale pielii și lezarea ochilor.

Eye Dam. 1; H318, Provoacă leziuni oculare grave.

2.2. Elemente pentru etichetă

Pictograma periculoasă:



Cuvânt de semnal:
Pericol

Declarație periculoasă:
Provoacă arsuri grave ale pielii și lezarea ochilor. (H314)

Fraze de precauție:

General:

-

Prevenire:

Nu inspirați vapori/ceață. (P260)

Purtați protecția ochilor/mănuși de protecție. (P280)

Raspuns:

ÎN CAZ DE CONTACT CU PIELEA (sau cu părul): Scoateți imediat toată îmbrăcămintea contaminată. Clătiți pielea cu apă sau faceți duș. (P303+P361+P353)

ÎN CAZ DE CONTACT CU OCHII: Clătiți cu atenție cu apă timp de mai multe minute. Scoateți lentilele de contact, dacă este cazul și dacă acest lucru se poate face cu ușurință. Continuați să clătiți. (P305+P351+P338)

Sunați imediat la un CENTRU DE INFORMARE TOXICOLOGICĂ/un medic (P310)

Stocare:

-

Aruncare:

Aruncați conținutul/recipientul în conformitate cu reglementările locale (P501)

Identitatea substanțelor ce sunt responsabile pentru majoritatea pericolelor de sănătate.:

D-Glucopyranose, oligomers, decyloctyl glycoside

Etichetare adițională:

UFI: E094-SY4R-6T7V-FTJ3

Etichetarea conținutului în conformitate cu Regulamentul privind detergenții 648/2004:

5% - 15%

· Agenți tensioactivi neionici

2.3. Alte pericole

Avertismente adiționale:

Acest amestec/produs nu conține nicio substanță care îndeplinește criteriile de clasificare ca PBT și/sau vPvB.

Acest produs nu conține substanțe considerate a fi perturbatoare endocrine în conformitate cu criteriile incluse în Regulamentul Delegat al Comisiei (UE) 2017/2100 sau Regulamentul Comisiei (UE) 2023/707.

SECȚIUNEA 3: COMPOZIȚIE/INFORMAȚII PRIVIND COMPONENTII

3.1. Substanțe

Nu este aplicabil. Acest produs este un amestec.

3.2. Amestecuri

Produs/ingredient	Identificatori	% w/w	Clasificare	Notițe
D-Glucopyranose, oligomers, decyloctyl glycoside	Nr. CAS: 68515-73-1 Nr. CE: REACH: Nr. de index:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	Nr. CAS: 506-89-8 Nr. CE: 208-059-6 REACH:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	

	Nr. de index:		
hidroxid de sodiu;soda caustica(hidroxid de sodiu)	Nr. CAS: 1310-73-2 Nr. CE: 215-185-5 REACH: 01-2119457892-27-XXXX Nr. de index: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)

Vedeți textul complet al frazelor H în secțiunea 16. Limitele de expunere ocupaționale sunt listate în secțiunea 8, dacă sunt disponibile.

Alte informații

[19] UVCB = înseamnă compoziție necunoscută sau variabilă, produse de reacție complexă sau materiale biologice.

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 inconștientă apă sau produse similare.

Inhalare:

La dificultăți de respirație sau iritații ale tractului respirator: Scoateți persoana la aer curat și rămâneți cu ea.

Contact cu pielea:

Spălați zona expusă cu apă mult timp - cel puțin 30 de minute. Poate fi necesar să se spele câteva ore. Folosiți o temperatură confortabilă a apei (20-30 °C). Contactați centrul pentru informații toxicologice/un medic/spitalul pentru sfaturi suplimentare cu privire la monitorizare și tratament.

Îndepărtați hainele și pantofii contaminați imediat. Pielea care a intrat în contact cu materialul trebuie să fie spălată corespunzător cu apă și săpun. Puteți utiliza detergent pentru piele. NU folosiți solvenți sau diluanți. În caz de iritare a pielii: consultați medicul.

Contactul cu ochii:

ÎN CAZ DE CONTACT CU OCHII: Clătiți ochii cu foarte multă apă și apă sărată (20-30 °C) pentru cel puțin 30 minute și continuați până ce se oprește iritația. Îndepărtați lentilele de contact. Asigurați-vă că vă clătiți pleoapele superioare și partea inferioară. Solicitați imediat asistență medicală și continuați clătirea în timpul transportului.

Înghițire:

În cazul înghițirii, contactați imediat doctorul. Dacă persoana este conștientă, oferiți-i apă. NU încercați să induceți vomitarea, decât dacă acest lucru vă este recomandat de medic. Țineți capul în jos astfel încât voma să nu pătrundă înapoi în gură și gât. Preveniți șocul prin păstrarea persoanei rănite calmă și caldă. Oferiți resuscitare gură la gură dacă se oprește respirația. Dacă nu este conștientă, rulați persoana rănită pe partea cealaltă cu genunchii îndoiți. Sunați ambulanța.

Arsuri:

Nu este aplicabil.

4.2. Cele mai importante simptome și efecte, atât acute, cât și întârziate

Efectele dăunării țesutului - Acest produs conține substanțe corozive. Dacă vaporii sau aerosolii sunt inhalați, acest lucru poate rezulta în daune asupra plămânilor, iritație sau arsuri ale organelor respiratorii precum și tusea. Substanțele corozive poate cauza daune ireversibile asupra ochilor și arsuri acide pe piele.

4.3. Indicații privind orice fel de asistență medicală imediată și tratamentele speciale necesare

ÎN CAZ DE expunere sau de posibilă expunere:
Consultați imediat medicul.

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 extincătoarele 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)

5.3. Recomandari destinate pompierilor

Purtați aparate de respirație independente și echipamente de protecție pentru a preveni contactul.

SECȚIUNEA 6: MĂSURI DE LUAT ÎN CAZ DE DISPERSIE ACCIDENTALĂ

6.1. Precauții personale, echipament de protecție și proceduri de urgență

Evitați contactul direct cu substanțele ce au curs.

Zonele contaminate pot fi alunecoase.

6.2. Precauții pentru mediul înconjurător

Evitați descărcarea în lacuri, ape curgătoare, canale colectoare, etc.

Țineți persoanele neautorizate departe de deversare.

6.3. Metode și material pentru izolarea incendiilor și pentru curățenie

Opriti și colectați scurgerile cu material necombustibil, absorbant, de ex. nisip, pământ, vermiculită sau pământ de diatomee, și puneți-le într-un recipient pentru eliminare în conformitate cu reglementările locale.

Curățarea trebuie să fie făcută cât mai departe posibil utilizând agenți de curățare. Nu utilizați solvenți.

6.4. Trimitere la alte secțiuni

Vedeți secțiunea 13 Considerații privind eliminarea - pentru manipularea deșeurilor.

Vedeți secțiunea 8 Controale ale expunerii/protecția personală măsuri de protecție.

SECȚIUNEA 7: MANIPULAREA ȘI DEPOZITAREA

7.1. Precauții pentru manipularea în condiții de securitate

Evitați contactul direct cu produsul.

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

Containerele care au fost deschise trebuie să fie eliberate cu atenție și menținute drepte pentru a preveni scurgerile.

Compatibilitățile privind ambalarea:

A se păstra numai în ambalajul original.

Condiții de depozitare:

Uscată, răcoroasă și bine ventilată

Materiale incompatibile:

A se păstra numai în ambalajul original.

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

D-Glucopyranose,oligomers,decyloctyl glycoside

Durata:	Ruta expunerii:	DNEL:
Termen lung - efecte sistemice - lucrători	Epidermică	595000 mg/kg/zi
Termen lung - efecte sistemice - populație generală	Epidermică	357000 mg/kg/zi
Termen lung - efecte sistemice - lucrători	Inhalare	420 mg/m ³
Termen lung - efecte sistemice - populație generală	Inhalare	124 mg/m ³
Termen lung - efecte sistemice - populație generală	Orală	35.7 mg/kg/zi

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Ruta expunerii:	Durata expunerii:	PNEC:
Apă de mare		17.6 µg/L
Apă dulce		176 µg/L
Eliberare intermitentă (apă dulce)		270 µg/L
Prădători		111.11 mg/kg
Sedimente de apă de mare		152 µg/kg
Sedimente de apă dulce		1.516 mg/kg
Sol		654 µg/kg
Stație de epurare a apelor uzate		560 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.

Măsuri tehnice corespunzătoare:

Asigurați-vă că stațiile de spălare a ochilor și dușurile de siguranță sunt situate la îndemână.

Aplicați măsurile standard de precauție în timpul utilizării produsului. Evitați inhalarea vaporilor.

Măsuri de igiena:

Atunci când doriți să luați o pauză de la utilizarea acestui produs sau când ați terminat, toate zonele corpului expuse trebuie să fie spălate. Acordați o atenție deosebită mâinilor, antebrățelor și feței.

Măsuri pentru evitarea expunerii la mediu:

Mențineți materialele de îndiguire aproape de locul de muncă. Dacă este posibil colectați scurgerile în timpul lucrului.

Măsuri de protecție individuale, cum ar fi echipamente de protecție personale

General:

Spălați îmbrăcămintea contaminată, înainte de reutilizare.

Utilizați doar echipamentele de protecție marcate CE

Echipament de respirație:

Tipul	Clasa	Culoare	Standardele	
Protecția respiratorie nu este necesară în cazul ventilației adecvate				

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	
Cauciuc nitrilic	0.4	> 480	EN374-2, EN374-3, EN388	

Protecția ochilor:

Tipul	Standardele	
Purtați ochelari cu protecție laterală.	EN166	

SECȚIUNEA 9: PROPRIETĂȚILE FIZICE ȘI CHIMICE

9.1. Informații privind proprietățile fizice și chimice de bază

Forma:

Lichid

Culoare:

Maro

Parfum / Pragul de acceptare a mirosului (ppm):

Caracteristic

pH:

ca. 1.6

Densitate (g/cm³):

1,05 (20 °C)

Viscozitatea cinematică:

Nu există date relevante sau disponibile, din cauza naturii produsului.

Caracteristicile particulei:

Nu se aplică lichidelor.

Modificari fizice

Punctul de topire/punctul de înghețare (°C):

Nu există date relevante sau disponibile, din cauza naturii produsului.

Punctul / intervalul de înmuiere (°C):

Nu se aplică lichidelor.

Punct de fierbere (°C):

Nu există date relevante sau disponibile, din cauza naturii produsului.

Presiune vaporica:

Nu există date relevante sau disponibile, din cauza naturii produsului.

Densitatea relativă a vaporilor:

Nu există date relevante sau disponibile, din cauza naturii produsului.

Temperatura de descompunere (°C):

Nu există date relevante sau disponibile, din cauza naturii produsului.

Date privind focul și pericolele de explozie

Temperatura de aprindere (°C):

Nu există date relevante sau disponibile, din cauza naturii produsului.

Inflamabilitatea (°C):

Nu există date relevante sau disponibile, din cauza naturii produsului.

Temperatura de autoaprindere (°C):

Nu există date relevante sau disponibile, din cauza naturii produsului.

Limite expunere (Vol%):

Nu există date relevante sau disponibile, din cauza naturii produsului.

Solubilitate

Solubilitate în apă:

Complet solubil

n-octanol/ coeficient apă (LogKow):

Nu există date relevante sau disponibile, din cauza naturii produsului.

Solubilitate în grasimi (g/L):

Nu există date relevante sau disponibile, din cauza naturii produsului.

9.2. Alte informații

Alți parametri fizici și chimici:

ND: 1.354

Proprietăți oxidante:

Nu există date relevante sau disponibile, din cauza naturii produsului.

SECȚIUNEA 10: STABILITATE ȘI REACTIVITATE

10.1. Reactivitate

Nu există date disponibile.

10.2. Stabilitate chimică

Produsul este stabil în conformitate cu condițiile, notate în secțiunea 7 "Manipularea și depozitarea"

10.3. Posibilitatea de reacții periculoase

Nimeni familiar.

10.4. Condiții de evitat

Nimeni familiar.

10.5. Materiale incompatibile

A se păstra numai în ambalajul original.

10.6. Prođuși de descompunere periculoși

Descompunerea termică poate produce vapori corozivi.

SECȚIUNEA 11: INFORMAȚII TOXICOLOGICE

11.1. Informații privind clasele de pericol definite în Regulamentul (CE) nr. 1272/2008

Toxicitate acută

Produs/ingredient	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda de testare:	OECD 401
Specii:	Șobolan
Ruta expunerii:	Orală
Test:	LD50

Rezultat: > 5.000 mg/kg

Produs/ingredient D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda de testare: OECD 402
Specii: Iepure
Ruta expunerii: Epidermică
Test: LD50
Rezultat: > 2000 mg/L

Coroziunea/ iritația pielii

Produs/ingredient D-Glucopyranose, oligomers, decyloctyl glycoside
Rezultat: Nu se observă efecte adverse (Neiritant)

Provoacă arsuri grave ale pielii și lezarea ochilor.

Daune serioase ale ochilor/ iritație

Produs/ingredient D-Glucopyranose, oligomers, decyloctyl glycoside
Rezultat: Se observă efecte adverse (Provoacă leziuni oculare grave)

Provoacă leziuni oculare grave.

Sensibilizarea căilor respiratorii

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

Efectele dăunării țesutului - Acest produs conține substanțe corozive. Dacă vaporii sau aerosolii sunt inhalați, acest lucru poate rezulta în daune asupra plămânilor, iritație sau arsuri ale organelor respiratorii precum și tusea. Substanțele corozive poate cauza daune ireversibile asupra ochilor și arsuri acide pe piele.

Proprietăți de perturbator endocrin

Acest amestec/produs nu conține nicio substanță considerată a avea proprietăți de perturbare hormonală în ceea ce privește sănătatea.

Alte informații

Nimeni familiar.

SECȚIUNEA 12: INFORMAȚII ECOLOGICE

12.1. Toxicitatea

Produs/ingredient D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda de testare: DIN EN ISO 7346-2
Specii: Pește, Brachydanio rerio
Test: LC50
Rezultat: > 100 mg/L

Produs/ingredient	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda de testare:	OECD 202
Specii:	Daphnia magna
Test:	EC50
Rezultat:	> 100 mg/L

Produs/ingredient	D-Glucopyranose, oligomers, decyloctyl glycoside
Specii:	Scenedesmus subspicatus
Test:	EC50
Rezultat:	> 10 - 100 mg/L

Produs/ingredient	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda de testare:	OECD 209
Specii:	Pseudomonas putida
Test:	EC0
Rezultat:	> 100 mg/l mg/L

Produs/ingredient	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda de testare:	OECD 204
Specii:	Pește, Brachydanio rerio
Rezultat:	> 1 - 10 mg/L

Produs/ingredient	D-Glucopyranose, oligomers, decyloctyl glycoside
Metoda de testare:	OECD 202
Specii:	Daphnia magna
Test:	NOEC
Rezultat:	> 1 - 10 mg/L

12.2. Persistența și degradabilitatea

Produs/ingredient	D-Glucopyranose, oligomers, decyloctyl glycoside
Concluzie:	Biodegradabilitate rapidă

Agentul/Agenții tensioactiv(i) conținut(ți) în acest preparat corespunde/corespund criteriilor de biodegradabilitate prevăzute de Reglementarea (CE) Nr.648/2004 privind detergenții. Datele care susțin această afirmație sunt ținute la dispoziția autorităților competente ale Statelor Membre și le vor fi furnizate la cererea directă a acestora sau la cererea unui producător de detergenți.

12.3. Potențialul de bioacumulare

Pe baza datelor disponibile, criteriile de clasificare nu sunt îndeplinite.

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 este acoperit de regulamentele privind deșeurile periculoase. (*)

HP 8 - Corozive

Aruncați conținutul/recipientul la într-o fabrică de depozitare de deșeuri aprobată.

Regulamentul (UE) NR. 1357/2014 al Comisiei din 18 decembrie 2014 privind deșeurile.

Cod EWC:

20 01 29* Detergenți conținând substanțe periculoase

Ambalare contaminată

Pachetele ce conțin resturi din produse trebuie dispuse în același loc ca și produsul.

SECȚIUNEA 14: INFORMAȚII REFERITOARE LA TRANSPORT

	14.1 ONU	14.2 Denumirea corectă ONU pentru expediție	14.3 Clasa (clasele) de pericol pentru transport	14.4 PG*	14.5. Env**	Alte informații:
ADR	UN3265	LICHID ORGANIC COROSIV, ACID, N.S.A.	Clasa: 8 Etichete: 8 Cod de clasificare: C3 	III	Nu	Cantități limitate: 5 L Cod restricție tunel: (E) Consultați mai jos informațiile suplimentare.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Grupul de ambalare

** Pericole pentru mediul înconjurător

Informații adiționale

Acest produs este acoperit prin convențiile pentru bunurile periculoase.

ADR / Consultați tabelul A, secțiunea 3.2.1 pentru informații privind prevederile speciale, cerințele sau avertismentele legate de transport. Consultați secțiunea 5.4.3 pentru instrucțiuni în scris privind diminuarea daunelor în legătură cu incidentele sau accidentele din timpul transportului.

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.

Persoanele sub 18 ani nu trebuie să fie expuse la acest produs.

Cerințe pentru instruire corespunzătoare:

Nu există cerințe specifice.

SEVESO - Categoriile de substanțe periculoase / Denumirea substanțelor periculoase:

Nu este aplicabil.

Etichetarea conținutului în conformitate cu Regulamentul privind detergenții 648/2004:

5% - 15%

· Agenți tensioactivi neionici

Informații adiționale:

Agentul/Agenții tensioactiv(i) conținut(ți) în acest preparat corespunde/corespund criteriilor de biodegradabilitate prevăzute de Reglementarea (CE) Nr.648/2004 privind detergenții. Datele care susțin această afirmație sunt ținute

la dispoziția autorităților competente ale Statelor Membre și le vor fi furnizate la cererea directă a acestora sau la cererea unui producător de detergenți.

Surse:

ORDIN nr. 753 din 16 octombrie 2006 privind protecția tinerilor în muncă, EMITENT: MINISTERUL MUNCII, SOLIDARITĂȚII SOCIALE ȘI FAMILIEI, Publicat în MONITORUL OFICIAL nr. 925 din 15 noiembrie 2006.
Regulamentul (CE) nr. 648/2004 al Parlamentului European și al Consiliului din 31 martie 2004 privind detergenții.
Regulamentul (UE) NR. 1357/2014 al Comisiei din 18 decembrie 2014 privind deșeurile.
Regulamentul (CE) nr. 1272/2008 al Parlamentului European și al Consiliului din 16 decembrie 2008 privind clasificarea, etichetarea și ambalarea substanțelor și a amestecurilor (CLP).
Regulamentul (CE) nr. 1907/2006 al Parlamentului European și al Consiliului din 18 decembrie 2006 privind înregistrarea, evaluarea, autorizarea și restricționarea substanțelor chimice (REACH).

15.2. Evaluarea securității chimice

Nu

SECȚIUNEA 16: ALTE INFORMAȚII

Textul complet al frazelor H sunt menționate în secțiunea 3.

H290, Poate fi corosiv pentru metale.
H314, Provoacă arsuri grave ale pielii și lezarea ochilor.
H315, Provoacă iritarea pielii.
H318, Provoacă leziuni oculare grave.
H319, Provoacă o iritare gravă a ochilor.
H335, Poate provoca iritarea căilor respiratorii.

Abrevieri și acronime

ADN = Prevederile Europene privind Transportul Internațional de Mărfuri Periculoase pe Ape Continentale
ADR = Acordul European privind Transportul Internațional Rutier de Mărfuri Periculoase
TAE = Toxicitate Acută Estimată
FBC = Factor de Bioconcentrație
CAS = Serviciul de Catalogare al Chimicalelor
CE = Conformité Européenne
CLP = Regulamentul privind Clasificarea, Etichetarea și Ambalarea [Regulamentul (CE) Nr. 1272/2008
COV = Compus Organic Volatil
CSA = Evaluare privind Siguranța Chimică
CSR = Raport privind Siguranța Chimică
DNEL = Nivel Fără Efect
EINECS = Inventarul European al Substanțelor Chimice Existente pe piață
ES = Scenariu de Expunere
specificare EUH = specificare privind pericolul specifică CLP
EuPCS = Sistemul european de clasificare a produselor
EWC = Catalog European pentru Deșeuri
GHS = Sistem Global Harmonizat al Clasificării și Etichetării Chimicalelor
GWP = Potențialul de încălzire globală
IATA = Asociația Internațională a Transportului Aerian
IBC = Container Intermediar Vrac IMDG = Internațional Maritim Mărfuri Periculoase
LogPow = logaritmul octanolului/coeficient al partiției apei
MARPOL 73/78 = Convenția Internațională pentru Prevenirea Poluării provenite de la Nave, 1973 așa cum a fost modificată prin Protocolul din 1978 ("Marpol" = poluare marină)
OECD = Organizația pentru Cooperarea Economică și Dezvoltare
PBT = Persistent, Biocumulativ și Toxic
PNEC = Concentrație Prevăzută Fără Efect
RID = Regulamentul privind Transportul Internațional Feroviar al Mărfurilor Periculoase
RRN = Număr Înregistrare REACH
SCL = Concentrație specifică.
SVHC = Substanțe de Foarte Mare Îngrijorare
STOT-RE = Toxicitate Organ Țintă Specifică - Expunere Repetată
STOT-SE = Toxicitate Organ Țintă Specifică - Expunere Unică
VLA = Medie cântărită în timp
UN = Națiunile Unite

UVCB = compoziție necunoscută sau variabilă, produse cu reacție complexă sau cu materiale biologice
vPvB = Foarte Persistent și Foarte Biocumulativ

Informații adiționale

Clasificarea amestecului cu privire la pericolele pentru sănătate este în conformitate cu metodele de calcul precizate în Regulamentul (CE) Nr. 1272/2008 (CLP).

Clasificarea amestecului cu privire la coroziunea pielii și lezarea gravă a ochilor se bazează pe criteriile de pH precizate în Regulamentul (CE) Nr. 1272/2008 (CLP)

Fișă cu date de securitate este validată de

Quality & Compliance

Altele

O modificare (în proporție cu ultima modificare esențială (primul cifru din versiunea SDS) este marcată cu un triunghi. Informațiile din fișă de securitate se aplică doar acestui produs specific (menționat în secțiunea 1) și nu este în mod necesar corect pentru utilizarea altor chimicale/ produse.

Este recomandat să predeți fișă cu date de securitate actualului utilizator al produsului. Informații cu privire la această fișă nu pot fi folosite ca și specificațiile produsului.

Țară-limbă: RO-ro

БЕЗБЕДНОСНИ ЛИСТ

i.23 descaler foam

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

1.1. Идентификација хемикалије

Комерцијално име:
i.23 descaler foam

UFI:
E094-SY4R-6T7V-FTJ3

1.2. Идентификовани начини коришћења хемикалије и начини коришћења који се не препоручују

Употреба материјала/смеше:
Детерџенти и средства за чишћење (укључујући и оне на бази растварача)
Дозвољено само за професионално коришћење.

Употребе које се не препоручују:
Нема познатих.

1.3. Подаци о снабдевачу

Компанија и адреса:
Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

Електронска адреса:
info@hygeniq.com

Датум безбедносног листа:
12.2.2025.

Верзија безбедносног листа:
1.0

1.4. Број телефона за хитне случајеве

Телефонски број хитне помоћ: 194
Дежурни токсиколог (24 сата дневно): +381 (11) 360 84 40
Центар за контролу тровања на ВМА, тел: +381 (11) 266 11 22, +381 (11) 266 27 55
Такође погледајте поглавље 4 за мере прве помоћи.

ПОГЛАВЉЕ 2. ИДЕНТИФИКАЦИЈА ОПАСНОСТИ

Класификовано у складу са Уредбом о класификацији, паковању, обележавању и оглашавању (Службени гласник РС, 105/13).

2.1. Класификација хемикалије

Skin Corr. 1; H314, Изазива тешке опекотине коже и оштећење ока.
Eye Dam. 1; H318, Доводи до тешког оштећења ока.

2.2. Елементи обележавања

Пиктограм опасности:



Реч упозорења:

Опасност

Обавештење о опасности:

Изазива тешке опекотине коже и оштећење ока. (H314)

Обавештење о мерама предострожности:

Опште:

-

Превенција:

Не удисати пару/маглу. (P260)

Носити заштиту за очи/заштитне рукавице. (P280)

Реаговање:

АКО ДОСПЕ НА КОЖУ (или косу): Одмах скинути сву контаминирану одећу. Испрати кожу водом или иштуширати се. (P303+P361+P353)

АКО ДОСПЕ У ОЧИ: Пажљиво испирати водом неколико минута. Уклонити контактна сочива, уколико постоје и уколико је то могуће учинити. Наставити са испирањем. (P305+P351+P338)

Одмах позвати ЦЕНТАР ЗА КОНТРОЛУ ТРОВАЊА/лекара. (P310)

Складиштење:

-

Одлагање:

Одлагање садржаја / амбалаже у складу са локалним прописима (P501)

Опасне материје:

D-Glucopyranose, oligomers, decyloctyl glycoside

Додатно обавештење о опасности:

UFI: E094-SY4R-6T7V-FTJ3

Означавање садржаја према ПРАВИЛНИК о детергентима:

5% - 15%

· Нејонски сурфактанти

2.3. Остале опасности

Додатна упозорења:

Ова смеша/производ не садржи супстанце за које се сматра да испуњава 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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS бр.: 68515-73-1 EC бр.: REACH:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]

	Индекс бр. :		
Urea hydrochloride	CAS бр.: 506-89-8 EC бр.: 208-059-6 REACH: Индекс бр. :	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335
sodium hydroxidecaustic soda	CAS бр.: 1310-73-2 EC бр.: 215-185-5 REACH: 01-2119457892-27-XXXX Индекс бр. : 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)

Погледајте потпуни текст X-израза у поглавље 16. Границе изложености током рада наведене су у поглавље 8, ако су доступне.

Остали подаци

UVCB = Непознат или променљив састав, сложени производи реакције или биолошки материјали

ПОГЛАВЉЕ 4. МЕРЕ ПРВЕ ПОМОЋИ

4.1. Опис мера прве помоћи

Опште информације:

Уколико је дисање неправилно, и јављају се поспаност, губитак свести или грчеви: Позовите 194 и одмах почните са мерама помоћи (прва помоћ).

Ако имате сумње у вези са стањем повређене особе или ако симптоми потрају, обратите се лекару. Никад несвесној особи немојте давати воду или неко друго пиће.

После удисања:

Потешкоће са дисањем или иритација дисајних путева: Изведите особу на свеж ваздух и останите уз њу.

У додиру са кожом:

Дуго испирајте изложено подручје водом - најмање 30 минута. Можда ће бити потребно испирање неколико сати. Користите угодну температуру воде (20-30 °Ц). Контактирајте информације о тровању/лекара/болницу за даље савете о праћењу и лечењу.

Одмах скините контаминирану одећу и обућу. Обавезно темелјно оперете изложену кожу водом и сапуном . Може се користити средство за чишћење коже. НЕ користите раствараче или разредиваче.

Ако дође до иритације коже: Потражити медицински савет / мишљење.

Након контакта са очима:

АКО ДОСПЕ У ОЧИ: Испирајте очи са много воде или сланом водом (20-30 °Ц) најмање 30 минута и наставите са испирањем док иритација не престане. Извадите контактна сочива. Обавезно исперите подручје испод горњег и доњег капка. Одмах потражите лекарску помоћ и наставите са испирањем.

Након гутања:

У случају гутања, одмах се обратите лекару и понесите безбедносни лист или етикету. Ако је особа свесна, дајте јој воде. НЕ покушавајте да изазовете повраћање, осим ако то не препоручи лекар. Држите главу окрену на доле како бисте спречили да се садржај повраћања врати у уста и грло. Спречите шок тако што ћете повређену особу држати мирном и утопљеном. Ако дисање престане, одмах започните оживљавање. Уколико дође до губитка свести, повређену особу пребаците у положај за опоравак. Позовите хитну помоћ.

Сагоревање:

Није применљиво.

4.2. Најважнији симптоми и ефекти, акутни и одложени

Оштећење ткива: Овај производ садржи супстанце са корозивним дејством на кожу. Удисање испарења или аеросола може имати штетне ефекте на плућа, изазвати иритацију и опекотине на дисајним органима, као и кашаљ. Контакти путем коже и контакт са очима имају неповратне ефекте.

4.3. Хитна медицинска помоћ и посебан третман

У СЛУЧАЈУ излагања или забринутости:
Хитно потражити медицински савет / мишљење

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 запалјивим производима може наштетити вашем здрављу. Затворене посуде изложене ватри требало би охладити водом. Не дозволите да вода за гашење пожара доспе у канализацију и оближње површинске токове.

Уколико је производ изложен високим температурама, нпр. у случају пожара, настају опасна јединиња као резултат његовог распадања. То су:
Угљени оксиди (CO / CO₂)

5.3. Савет за ватрогасце

Носите изолациони апарат за дисање и заштитну одећу ради спречавања контакта. Након директног излагања контактирајте Национални центар за контролу тровања на број +381 (11) 360 84 40 (24 сата дневно) ради добијања додатних савета.

ПОГЛАВЉЕ 6. МЕРЕ У СЛУЧАЈУ УДЕСА

6.1. Личне предострожности, заштитна опрема и поступци у случају удеса

Избегавајте директан контакт са проливеним материјама.
Контаминирани простор може бити клизав.

6.2. Предострожности које се односе на животну средину

Избегавајте испуштање у језера, потоке, канализације итд.
Неовлашћене особе држите подале од изливања.

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

Користите песак, земљу, вермикулит, диятомейску земљу да бисте задржали и купили незапалјиве упијаоце материјале и ставите у контејнер за одлагање, у складу са локалним прописима.
Чишћење се у мери у којој је то могуће обавља нормалним средствима за чишћење. Избегавајте употребу растварача.

6.4. Упућивање на друга поглавља

Погледајте поглавље 13 „Одлагање“ у вези са поступком за отпад.
За заштитне мере погледајте поглавље 8 „Контрола изложености и лична заштита“.

ПОГЛАВЉЕ 7. РУКОВАЊЕ И СКЛАДИШТЕЊЕ

7.1. Предострожности за безбедно руковање

Избегавајте директан контакт са производом.
Пушење, и конзумирање хране и писа нису дозвољени у радном простору.
За информације о личној заштити погледајте поглавље „Контрола изложености и лична заштита“.

7.2. Услови за безбедно складиштење, укључујући некомпатибилности

Отворени контејнери се морају пажљиво затворити и држати усправно како би се спречило цурење.

Препоручени материјал за складиштење:

Чувати само у оригиналној амбалажи.

Услови складиштења:

Суво, хладно и добро проветрано

Некомпатибилни материјали:

Чувати само у оригиналној амбалажи.

7.3. Посебни начини коришћења

Овај производ би требало користити само за примене наведене у поглавље 1.2

ПОГЛАВЉЕ 8. КОНТРОЛА ИЗЛОЖЕНОСТИ И ЛИЧНА ЗАШТИТА

8.1. Параметри контроле изложености

На националној листи супстанци са ограничењем у погледу изложености током рада није наведена ниједна супстанца.

DNEL

D-Glucopyranose, oligomers, decyloctyl glycoside

Трајање:	Пут експозиције:	DNEL:
Дугорочно - Системски - Потрошач	Дерматолошки	357000 mg/kg/дан
Дугорочно - Системски - Радник	Дерматолошки	595000 mg/kg/дан
Дугорочно - Системски - Потрошач	Инхалацијски	124 mg/m ³
Дугорочно - Системски - Радник	Инхалацијски	420 mg/m ³
Дугорочно - Системски - Потрошач	Орално	35.7 mg/kg/дан

PNEC

D-Glucopyranose, oligomers, decyloctyl glycoside

Пут експозиције:	Трајање изложености:	PNEC:
Морска вода		17.6 µg/L
Периодично ослобађање (слатка вода)		270 µg/L
Постројењима за пречишћавање отпадних вода		560 mg/L
Седимент мора		152 µg/kg
Седимент слатке воде		1.516 mg/kg
Секундарно тровање		111.11 mg/kg
Слатка вода		176 µg/L
Тло		654 µg/kg

8.2. Контрола изложености и лична заштита

Извршите општу контролу да бисте спречили непотребно излагање.

Опште препоруке:

Пушење, и конзумирање хране и пића нису дозвољени у радном простору.

Сценарији излагања:

За овај производ нису имплементирани сценарији изложености.

Границе излагања:

Границе изложености током рада нису дефинисане за супстанце у овом производу.

Одговарајући технички уређаји за управљање:

Осигурајте да се станице за испирање очију и безбедносни тушеви налазе на дохват руке.

Примените стандардне мере предострожности током употребе производа. Избегавајте удисање испарења.

Хигијенске мере:

Сви изложени делови тела морају да се темелно оперу у интервалима између употребе производа и на крају радног дана. Обратите посебну пажњу на руке, подлактице и лице.

Мере спречавања контакта са животном средином:

Материјал за пригушивање држите у близини радног места. Ако је могуће, сакупите материјал присут током рада.

Опште мере заштите и хигијене

Генерално:

Опрати контаминирану одећу пре поновне употребе.
Користите само заштитну опрему са знаком CE.

Заштита дисајних путева:

Тип	Класа	Боя	Стандарди	
Респираторна заштита није потребна				

Заштита тела:

Препоручено	Тип / Категорија	Стандарди	
Нема посебних прописа када се користи како је предвиђено	-	-	

Заштитне руке:

Материјал	Дебљина рукавице	Време продирања (Минуту)	Стандарда	
Нитрилни каучук	0.4	> 480	EN374-2, EN374-3, EN388	

Заштита очију/лица:

Тур	Стандарди	
Заштитне наочаре са бочним штитницима	EN166	

ПОГЛАВЉЕ 9. ФИЗИЧКА И ХЕМИЈСКА СВОЈСТВА

9.1. Подаци о основним физичким и хемијским својствима хемикалије

Изгледу - агрегатно стање:

Течно

Боји:

Смеђе

Мирису / Прагу мириса (ppm):

Карактеристично

pH:

са. 1.6

Релативна густина (g/cm³):

1,05 (20 °C)

Кинематичка вискозност:

Нема релевантних или доступних података због природе производа

Карактеристике честица:

Не односи се на течности

Фазне промене

Тачка топљења / тачка мржњења (°C):

Нема релевантних или доступних података због природе производа

Тачка/опсег омекшавања (°C):

Не односи се на течности

Почетна тачка кључања и опсег кључања (°C):

Нема релевантних или доступних података због природе производа

Напон паре:

Нема релевантних или доступних података због природе производа

Релативна густина паре:

Нема релевантних или доступних података због природе производа

Температура разлагања (°C):

Нема релевантних или доступних података због природе производа

Подаци о опасностима од пожара и експлозије

Запаљивост (чврсто, гасовито):

Нема релевантних или доступних података због природе производа

Тачка паљења (°C):

Нема релевантних или доступних података због природе производа

Температура самопаљења (°C):

Нема релевантних или доступних података због природе производа

Горња / доња граница запаљивости или експлозивности (%v/v):

Нема релевантних или доступних података због природе производа

Растворљивост

Растворљивост у вода:

У потпуности растворљив

Коефицијент расподеле у систему n-октанол/вода (LogKow):

Нема релевантних или доступних података због природе производа

Растворљивост у масти (g/L):

Нема релевантних или доступних података због природе производа

9.2. Остали подаци

Остали физички и хемијски параметри:

ND: 1.354

Оксидујућа својства:

Нема релевантних или доступних података због природе производа

ПОГЛАВЉЕ 10. СТАБИЛНОСТ И РЕАКТИВНОСТ

10.1. Реактивност

Нема доступних података.

10.2. Хемијска стабилност

Производ је стабилан под условима наведеним у оделјку 7 „Руковање и складиштење“.

10.3. Могућност настанка опасних реакција

Нема познатих.

10.4. Услови које треба избегавати

Нема познатих.

10.5. Некомпатибилни материјали

Чувати само у оригиналној амбалажи.

10.6. Опасни производи разградње

Термичко распадање може произвести корозивне паре.

ПОГЛАВЉЕ 11. ТОКСИКОЛОШКИ ПОДАЦИ

11.1. Подаци о токсичним ефектима

Акутна токсичност

Хемијски назив	D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања:	ОЕЦД 401
Врсте:	Пацов

Пут експозиције: Орално
Тест: LD50
Вредност: > 5.000 mg/kg

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања: ОЕЦД 402
Врсте: Зеџ
Пут експозиције: Дерматолошки
Тест: LD50
Вредност: > 2000 mg/L

Корозивно оштећење коже / иритација

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Вредност: Нису установљени негативни ефекти (Неиритантан)

Изазива тешке опекотине коже и оштећење ока.

Тешко оштећење ока / иритација ока

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Вредност: Установљени су негативни ефекти (Доводи до тешког оштећења ока)

Доводи до тешког оштећења ока.

Сензибилизација респираторних органа

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

Оштећење ткива: Овај производ садржи супстанце са корозивним дејством на кожу. Удисање испарења или аеросола може имати штетне ефекте на плућа, изазвати иритацију и опекотине на дисајним органима, као и кашаљ. Контакти путем коже и контакт са очима имају неповратне ефекте.

Угрожава рад ендокриних жлезда

Ова смеша/производ не садржи никакве материје за које се сматра да имају својства изазивања хормонског поремећаја.

Додатне информације

Нема познатих.

ПОГЛАВЉЕ 12. ЕКОТОКСИКОЛОШКИ ПОДАЦИ

12.1. Токсичност

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања: DIN EN ISO 7346-2
Врсте: Рибе, Brachydanio rerio
Тест: LC50

Вредност: > 100 mg/L

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања: ОЕЦД 202
Врсте: Daphnia magna
Тест: EC50
Вредност: > 100 mg/L

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Врсте: Scenedesmus subspicatus
Тест: EC50
Вредност: > 10 - 100 mg/L

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања: ОЕЦД 209
Врсте: Pseudomonas putida
Тест: EC0
Вредност: > 100 mg/l mg/L

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања: ОЕЦД 204
Врсте: Рибе, Brachydanio rerio
Вредност: > 1 - 10 mg/L

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Метод тестирања: ОЕЦД 202
Врсте: Daphnia magna
Тест: NOEC
Вредност: > 1 - 10 mg/L

12.2. Перзистентност и разградљивост

Хемијски назив: D-Glucopyranose, oligomers, decyloctyl glycoside
Закључак: Лако биоразградива материја

Сурфактант(и) садржани у овом препарату је(су) у складу са критеријумима биоразградивости утврђеним у уредби (ЕЗ) бр. 648/2004 о детердженцима. Подаци који поткреплю ову тврдњу стоје на располагању надлежним властима држава чланица и биће им доступни на њихов директни захтев или на захтев произвођача детерджената.

12.3. Потенцијал биоакумулације

На основу доступних података, критеријуми за класификацију нису испуњени.

12.4. Мобилност у земљишту

Нема доступних података.

12.5. Резултати ПБТ и вПвБ процене

Ова смеша/производ не садржи супстанце за које се сматра да испуњавају критеријуме да буду класификовани као ПБТ и/или вПвБ.

12.6. Угрожава рад ендокриних жлезда

Ова смеша/производ не садржи никакве материје за које се када се нађу унутар животне средине сматра да имају својства ометања ендокриног система.

12.7. Остали штетни ефекти

Нема познатих.

ПОГЛАВЉЕ 13. ОДЛАГАЊЕ

13.1. Методе третмана отпада

На производ се односе прописи о опасном отпаду. (*)

НР 8 - Корозивно

Одлагање садржаја / амбалаже у складу са локалним прописима.

Уредба комисије (ЕУ) бр. 1357/2014 од 18. децембра 2014. године која замењује прилог ИИИ директиве 2008/98/ЕЗ Европског парламента и савета о отпаду.

Код европског каталога отпада (EWL):
20 01 29* детерџенти који садрже опасне супстанце

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	UN3265	НАГРИЗАЈУЋА КИСЕЛА ОРГАНСКА ТЕЧНОСТ, Н.Д.Н	Класа: 8 Листи-це опасности: 8 Класификациони код: C3 	III	Не	Ограничене количина: 5 L Кодови за ограничења за тунеле: (E) За додатне информације, погледајте доле.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Група паковања

** Опасност по животну средину

Додатне информације

Овај производ је обухваћен прописима о транспорту опасне робе.

ADR / Видети табелу А, одељак 3.2.1 за све информације о посебним одредбама, захтевима или упозорењима у вези са транспортом. Видети одељак 5.4.3, за упутства у писаној форми у вези са ублажавањем штета у вези са инцидентима или незгодама током транспорта.

14.6. Посебне предострожности за корисника

Није применљиво.

14.7. Транспорт у расутом стању (Анексу ИИ Међународне конвенције за спречавање загађења из бродова и ИБЦ Цоде)

Нема доступних података.

ПОГЛАВЉЕ 15. РЕГУЛАТОРНИ ПОДАЦИ

15.1. Прописи у вези са безбедношћу, здрављем и животном средином

Ограничења за примену:

Дозвољено само за професионално коришћење.

Особе млађе од 18 година не смеју бити изложене овом производу.

Захтеви за специфичним образовањем:

Нема посебних захтева.

"СЕВЕСО" - Категорија / Опасне материје:

Није применљиво.

Означаванье садржaja према ПРАВИЛНИК о детергентима:

5% - 15%

· Нејонски сурфактанти

Додатне информације:

Сурфактант(и) садржани у овом препарату је(су) у складу са критеријумима биоразградивости утврђеним у уредби (ЕЗ) бр. 648/2004 о детергентима. Подаци који поткрепљују ову тврдњу стоје на располагању надлежним властима држава чланица и биће им доступни на њихов директни захтев или на захтев произвођача детерђената.

Извори:

ПРАВИЛНИК о превентивним мерама за безбедан и здрав рад младих (Службени гласник РС, 102/2016)

ПРАВИЛНИК о детергентима ("Службени гласник РС", 25/2015)

ПРАВИЛНИК о категоријама, испитивању и класификацији отпада (Службени гласник РС, 56/10)

Правилник о класификацији, паковању, обележавању и оглашавању хемикалије и одређеног производа у складу са Глобално хармонизованим системом за класификацију и обележавање УН: 105/2013-16, 52/2017-73, 21/2019-208

15.2. Процена безбедности хемикалије.

Не

ПОГЛАВЉЕ 16. ОСТАЛИ ПОДАЦИ

Комплетан текст Х-фраза како је наведено у поглавље 3

H290, Може бити корозивно за метале.

H314, Изазива тешке опекотине коже и оштећење ока.

H315, Изазива иритацију коже.

H318, Доводи до тешког оштећења ока.

H319, Доводи до јаке иритације ока.

H335, Може да изазове иритацију респираторних органа.

Скраћенице и акроними

ADR = Европски споразум о међународном друмском превозу опасне робе

ATE = Процена акутне токсичности

BCF = Фактор биоконцентрације

CAS = Служба хемийских сажетака

CE = европска усаглашеност

CLP = Уредба о класификацији, означавању и паковању [Уредба (ЕЗ) бр. 1272/2008]

CSA = Процена хемийске безбедности

CSR = Извештај о хемийској безбедности

STOT = Специфична циљна токсичност органа

DMEL = Изведени минимални ниво ефекта

DNEL = Изведени ниво без ефекта

EINECS = Европски инвентар постојећих комерцијалних хемийских супстанци

ES = Сценарио изложености

EUN izjava = ЦЛП-специфична изјава о опасности

EUPCS = Европски систем категоризације производа

EWЦ = Европски каталог отпада

GHS = Глобално усклађени систем класификације и обележавања хемикалија

GWP (ГВП) = Потенцијал глобалног загревања

IARC = међународна агенција за истраживање рака

IATA = Међународно удружење за ваздушни саобраћај

IBC = Средњи контејнер за расути терет

IMDG = Међународна поморска опасна роба

LogPow = Логаритам коефицијента раздвајања октанол/вода

MARPOL = Међународна конвенција о спречавању загађења са бродова из 1973. године, измењена протоколом из 1978. („Marpol“ = загађење мора)

ОЕЦД = Организација за Економску Царадњу и Дазвој

ПБТ = Истрајан, биоакумулативан и токсичан

PNEC = Предвидена концентрација без ефекта

RID = Прописи који се тичу међународног превоза опасне робе железницом

RRN = REACH регистрациони број
SCL = има одређену границу концентрације.
SVHC = Веома забринјавајуће супстанце
STOT-RE = Специфична циљна токсичност органа - понављана излагања
STOT-SE = Специфична циљна токсичност органа - појединачна излагања
TWA = Временски пондерисан просек
UN = Уједињене нације
UVBC = Непознат или променљив састав, сложени продукти реакције или биолошки материјали
VOC = Нестабилно органско јединиће
ВПВБ = Веома трајно и врло биоакумулативно

Додатне информације

Класификација смеше у погледу опасности по здравље уађена је у складу са методама израчунавања описаним у Правилнику о класификацији, паковању, означавању и оглашавању.

Класификација смеше у погледу корозије коже и озбиљних оштећења очию заснива се на рН критеријуму описаном у Правилнику о класификацији, паковању, означавању и оглашавању.

Класификација смеше у погледу опасности по здравље је у складу са методама израчунавања датим у уредби (ЕЦ) бр. 1272/2008 (CLP).

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP).

Безбедносни лист потврђује

Quality & Compliance

Остали подаци

Промена (сразмерно последњој суштинској промени (прва шифра у верзији СДС, погледајте поглавље 1)) обележена је троуглом.

Подаци у овом безбедносном упутству односе се само на овај одређени производ (поменут у поглавље 1) и нису нужно тачни за употребу са другим хемикалијама/производима.

Препоручује се да ово безбедносно упутство дате стварном кориснику производа. Информације у овом безбедносном упутству не могу се користити као спецификације производа.

Земља-језик: RS-sr

SAFETY DATA SHEET

i.23 descaler foam

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

SDS created for SAUDI ARABIA according to GHS

1.1. Product identifier

Trade name:

i.23 descaler foam

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:

12/02/2025

SDS Version:

1.0

1.4. Emergency telephone number

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

SECTION 2: HAZARDS IDENTIFICATION

Classified according to GHS.

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:
Danger

Hazard statement(s):
Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

Not applicable.

2.3. Other hazards

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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 direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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:

Ensure that eyewash stations and safety showers are located within easy reach.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.
Use only CE marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form:

Liquid

Colour:

Brown

Odour:

Characteristic

Odour threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No relevant or available data due to the nature of the product.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No relevant or available data due to the nature of the product.

Vapour pressure:

No relevant or available data due to the nature of the product.

Relative vapour density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°C):

No relevant or available data due to the nature of the product.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):

No relevant or available data due to the nature of the product.

Flammability (°C):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):

No relevant or available data due to the nature of the product.

Explosion limits (% v/v):

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

No data available.

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: EC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Species: Scenedesmus subspicatus
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 209
 Species: Pseudomonas putida
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, Brachydanio rerio
 Result: > 1 - 10 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: NOEC
 Result: > 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

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

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

Dispose of contents/container to an approved waste disposal plant.

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

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.

People under the age of 18 shall not be exposed to this product.

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

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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 GHS the evaluation of the classification of the mixture is based on:
The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.
The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by GHS.

The safety data sheet is validated by

Quality & Compliance

Other

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

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

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

Country-language: SA-en

SÄKERHETS DATABLAD

i.23 descaler foam

AVSNITT 1: NAMNET PÅ ÄMNET/BLANDNINGEN OCH BOLAGET/FÖRETAGET

1.1. Produktbeteckning

Handelsnamn:

i.23 descaler foam

Unik formuleringsidentifierare (UFI):

E094-SY4R-6T7V-FTJ3

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:

2025-02-12

SDB Version:

1.0

1.4. Telefonnummer för nödsituationer

Akut: Ring 112, begär giftinformation. Öppet dygnet runt.

Mindre akut: Ring 010-456 6700. Öppet dygnet runt.

Se avsnitt 4 om åtgärder vid första hjälpen.

AVSNITT 2: FARLIGA EGENSKAPER

Klassificerad enligt förordningen (EG) nr 1272/2008 (CLP).

2.1. Klassificering av ämnet eller blandningen

Skin Corr. 1; H314, Orsakar allvarliga frätskador på hud och ögon.

Eye Dam. 1; H318, Orsakar allvarliga ögonskador.

2.2. Märkningsuppgifter

Faropiktogram:



Signalord:

Fara

Faroangivelser:

Orsakar allvarliga frätskador på hud och ögon. (H314)

Skyddsangivelser:

Allmänt:

-

Förebyggande:

Inandas inte ångor/dimma. (P260)

Använd ögonskydd/skyddshandskar. (P280)

Åtgärder:

VID HUDKONTAKT (även håret): Ta omedelbart av alla nedstänkta kläder. Skölj huden med vatten eller duscha. (P303+P361+P353)

VID KONTAKT MED ÖGONEN: Skölj försiktigt med vatten i flera minuter. Ta ur eventuella kontaktlinser om det går lätt. Fortsätt att skölja. (P305+P351+P338)

Kontakta genast GIFTINFORMATIONSCENTRALEN/läkare. (P310)

Förvaring:

-

Avfall:

Innehållet/behållaren lämnas i enlighet med lokala bestämmelser (P501)

Innehåller:

D-Glucopyranose, oligomers, decyloctyl glycoside

Annan märkning:

UFI: E094-SY4R-6T7V-FTJ3

Märkning av innehåll i enlighet med förordning (EG) nr 648/2004 om tvätt- och rengöringsmedel:

5% - 15%

· Nonjoniska tensider

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.
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS-nr.: 68515-73-1 EG-nr.: REACH: Indexnr.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS-nr.: 506-89-8 EG-nr.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	

	REACH: Indexnr.:		STOT SE 3, H335	
natriumhydroxid;kaustik soda;natronlut	CAS-nr.: 1310-73-2 EG-nr.: 215-185-5 REACH: 01-2119457892-27-XXXX Indexnr.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	

Fullständig ordalydelse av H-fraserna finns i avsnitt 16. Arbetshygieniska gränsvärden finns i avsnitt 8 - om de är tillgängliga.

Annan information

[19] UVCB = Ämnen med okänd eller varierande sammansättning, komplexa reaktionsprodukter eller biologiskt material.

AVSNITT 4: ÅTGÄRDER VID FÖRSTA HJÄLPEN

4.1. Beskrivning av åtgärder vid första hjälpen

Allmänt:

Vid olycka: Kontakta läkare eller akutmottagning - ta med etiketten eller detta säkerhetsdatablad.
Vid bestående symptom eller om det råder tveksamheter om den påverkades tillstånd skall läkarhjälp sökas. Ge aldrig en medvetslös person vatten eller liknande.

Inandning:

I fall av andningssvårigheter eller irritation i andningsvägarna: Flytta den skadade personen till frisk luft direkt och håll personen under uppsyn.

Hudkontakt:

Det är viktigt att skölja länge - minst 30 minuter. Det kan vara nödvändigt att skölja i flera timmar. Använd en behaglig vattentemperatur (20-30 °C). Kontakta giftinformationscentral/läkare/sjukhus för ytterligare rådgivning om uppföljning och behandling.
Avlägsna snabbt förorenade kläder och skor. Hud som har varit i kontakt med materialet tvättas grundligt med tvål och vatten. Hudrengöringsmedel kan användas. Använd EJ organiska lösningsmedel.
Vid hudirritation: Sök läkarhjälp.

Kontakt med ögonen:

Vid kontakt med ögonen: Skölj genast ögonen med rikliga mängder vatten (20-30 °C) till dess irritationen upphör och i minst 30 minuter. Avlägsna eventuella kontaktlinser. Se till att skölja under både övre och nedre ögonlock. Uppsök genast läkare. Fortsätt att skölja under transport.

Förtäring:

Vid förtäring, kontakta omgående läkare. Ge den drabbade vatten att dricka om denne är vid medvetande. Försök EJ framkalla kräkning annat än om läkaren rekommenderar detta. Sänk huvudet så att eventuella kräkningar ej rinner tillbaka i munnen och ner i halsen. Förebygg chock genom att hålla den skadade varm och i stillhet. Ge konstgjord andning om andningen upphör. Vid medvetslöshet, lägg den skadade i framstupa sidoläge. Tillkalla ambulans.

Brännskada:

Ej tillämpligt.

4.2. De viktigaste symptomen och effekterna, både akuta och fördröjda

Vävnadsskadliga effekter: Produkten innehåller frätande ämnen. Om ånga eller luftburna partiklar inandas kan detta ge skador på lungor och förorsaka irritation och sveda i luftvägarna samt hosta. Frätande ämnen orsakar oåterkalleliga skador på ögonen. Fräter på huden.

4.3. Angivande av omedelbar medicinsk behandling och särskild behandling som eventuellt krävs

Vid exponering eller misstanke om exponering:
Sök omedelbart läkarhjälp.

Information till läkare

Medtag detta säkerhetsdatablad eller etiketten från produkten.

AVSNITT 5: BRANDBEKÄMPNINGÅTGÄRDER

5.1. Släckmedel

Ej tillämpligt.

5.2. Särskilda faror som ämnet eller blandningen kan medföra

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)

5.3. Råd till brandbekämpningspersonal

Använd skyddsutrustning inklusive andningsapparat. Om exponering skett, kontakta Giftinformationscentralen (tel 112, 24/7) för rådgivning.

AVSNITT 6: ÅTGÄRDER VID OAVSIKTLIGA UTSLÄPP

6.1. Personliga skyddsåtgärder, skyddsutrustning och åtgärder vid nödsituationer

Undvik direktkontakt med spill.

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. Lösningssmedel 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 direktkontakt med produkten.

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

Öppnad behållare skall återförslutas väl och förvaras i upprätt läge för att förhindra läckage.

Kompatibla förpackningar:

Förvaras endast i originalförpackningen.

Förvaringsförhållanden:

Torr, svalt och väl ventilerat

Oförenliga material:

Förvaras endast i originalförpackningen.

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

Produkten innehåller inga ämnen som är upptagna på Arbetsmiljöverkets lista över ämnen med ett gränsvärde för exponering på arbetsplatsen.

DNEL

D-Glucopyranose,oligomers,decyloctyl glycoside

Varaktighet:	Exponeringsväg:	DNEL:
Långvarig – Systemiska effekter - Allmän befolkning	Hud	357000 mg/kg bw/day
Långvarig – Systemiska effekter - Arbetare	Hud	595000 mg/kg bw/day
Långvarig – Systemiska effekter - Allmän befolkning	Inandning	124 mg/m ³
Långvarig – Systemiska effekter - Arbetare	Inandning	420 mg/m ³
Långvarig – Systemiska effekter - Allmän befolkning	Oralt	35.7 mg/kg bw/day

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Exponeringsväg:	Exponeringens varaktighet:	PNEC:
Avloppsreningsverk		560 mg/L
Havsvatten		17.6 µg/L
Havsvatten sediment		152 µg/kg
Jord		654 µg/kg
Predatorer		111.11 mg/kg
Sötvatten		176 µg/L
Sötvattenssediment		1.516 mg/kg
Sporadiska utsläpp (sötvatten)		270 µg/L

8.2. Begränsning av exponeringen

Tillämpa allmän kontroll för att förhindra onödig exponering

Generellt:

Rökning, förtäring av mat och intag av dryck är ej tillåtet i arbetslokalerna.

Exponeringsscenarioer:

Det finns inga implementerade exponeringsscenarioer för denna produkt.

Exponeringsgräns:

Det förekommer inga exponeringsgränser för innehållsämnen i produkten.

Tekniska åtgärder:

Se till att stationer för ögontvätt och säkerhetsduschar finns inom nära räckhåll.

Tillämpa standardföreskrifter vid användning av produkten. Undvik inandning av ångor.

Hygieniska åtgärder:

Vid varje paus vid användning av produkten och vid arbetets slut skall de exponerade områdena på kroppen tvättas. Var särskilt noga med händer, underarmar och ansikte.

Begränsning av miljöexponering:

Följ de riskhanteringsåtgärder som ger adekvat kontroll över miljöns exponering för ämnet för de exponeringsscenarioer som anges i bilagan till säkerhetsdatabladet (om en sådan bilaga finns).

Individuella skyddsåtgärder

Allmänt:

Nedstänkta kläder ska tvättas innan de används igen.

Använd endast CE-märkt skyddsutrustning.

Andningsskydd:

Typ	Klass	Färg	Standarder
Andningsskydd behövs inte om ventilationen är tillräcklig.			

Hudskydd:

Rekommenderad	Typ/Kategori	Standarder
Inga särskilda vid normal och avsedd användning.	-	-

Handskydd:

Handskmaterial	Handsktjocklek (mm)	Genombrottstid (min.)	Standarder
Nitril	0.4	> 480	EN374-2, EN374-3, EN388



Ögonskydd:

Typ	Standarder
Använd skyddsglasögon med sidosköld.	EN166



AVSNITT 9: FYSIKALISKA OCH KEMISKA EGENSKAPER

9.1. Information om grundläggande fysikaliska och kemiska egenskaper

Fysikaliskt tillstånd:

Vätska

Färg:

Brun

Lukt / Lukttröskel (ppm):

Karaktäristisk

pH:

ca. 1.6

Densitet (g/cm³):

1,05 (20 °C)

Kinematisk viskositet:

Provning är inte relevant eller möjlig för denna typ av produkt.

Partikelegenskaper:

Gäller inte för vätskor.

Fas förändringar

Smältpunkt/frys punkt (°C):

Provning är inte relevant eller möjlig för denna typ av produkt.

Mjukpunkt/mjukpunktsintervall (°C):

Gäller inte för vätskor.

Kokpunkt (°C):

Provning är inte relevant eller möjlig för denna typ av produkt.

Ångtryck:

Provning är inte relevant eller möjlig för denna typ av produkt.

Relativ ångdensitet:

Provning är inte relevant eller möjlig för denna typ av produkt.

Sönderdelningstemperatur (°C):

Provning är inte relevant eller möjlig för denna typ av produkt.

Data om brand- och explosionsrisker

Flampunkt (°C):

Provning är inte relevant eller möjlig för denna typ av produkt.

Brandfarlighet (°C):

Provning är inte relevant eller möjlig för denna typ av produkt.

Självantändningstemperatur (°C):

Provning är inte relevant eller möjlig för denna typ av produkt.

Explosionsgränser (% v/v):

Provning är inte relevant eller möjlig för denna typ av produkt.

Löslighet

Löslighet i vatten:

Fullt lösligt

n-oktanol/vatten koefficient (LogKow):

Provning är inte relevant eller möjlig för denna typ av produkt.

Löslighet i fett (g/L):

Provning är inte relevant eller möjlig för denna typ av produkt.

9.2. Annan information

Andra fysikaliska och kemiska parametrar:

ND: 1.354

Oxiderande egenskaper:

Provning är inte relevant eller möjlig för denna typ av produkt.

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

Förvaras endast i originalförpackningen.

10.6. Farliga sönderdelningsprodukter

Termisk sönderdelning kan producera frätande ångor.

AVSNITT 11: TOXIKOLOGISK INFORMATION

11.1. Information om faroklasser enligt förordning (EG) nr 1272/2008

Akut toxicitet

Produkt/Ämne	D-Glucopyranose, oligomers, decyloctyl glycoside
Testmetod:	OECD 401
Art:	Råtta
Exponeringsväg:	Oralt
Test:	LD50
Resultat:	> 5.000 mg/kg

Produkt/Ämne	D-Glucopyranose, oligomers, decyloctyl glycoside
Testmetod:	OECD 402
Art:	Kanin
Exponeringsväg:	Hud
Test:	LD50
Resultat:	> 2000 mg/L

Frätande/irriterande på huden

Produkt/Ämne	D-Glucopyranose, oligomers, decyloctyl glycoside
Resultat:	Inga skadliga effekter observerades (Inte irriterande)

Orsakar allvarliga frätskador på hud och ögon.

Allvarlig ögonskada/ögonirritation

Produkt/Ämne	D-Glucopyranose, oligomers, decyloctyl glycoside
Resultat:	Akuta effekter har observerats (Orsakar allvarliga ögonskador)

Orsakar allvarliga ögonskador.

Luftvägssensibilisering

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

Vävnadsskadliga effekter: Produkten innehåller frätande ämnen. Om ånga eller luftburna partiklar inandas kan detta ge skador på lungor och förorsaka irritation och sveda i luftvägarna samt hosta. Frätande ämnen orsakar oåterkalleliga skador på ögonen. Fräter på huden.

Hormonstörande egenskaper

Denna blandning/produkt innehåller inga ämnen som anses ha hormonstörande egenskaper med avseende på hälsan.

Annan information

Inga kända.

AVSNITT 12: EKOLOGISK INFORMATION

12.1. Toxicitet

Produkt/Ämne	D-Glucopyranose, oligomers, decyloctyl glycoside
Testmetod:	DIN EN ISO 7346-2
Art:	Fisk, Brachydanio rerio
Test:	LC50
Resultat:	> 100 mg/L

Produkt/Ämne	D-Glucopyranose, oligomers, decyloctyl glycoside
Testmetod:	OECD 202

Art: Daphnia magna
Test: EC50
Resultat: > 100 mg/L

Produkt/Ämne D-Glucopyranose, oligomers, decyloctyl glycoside
Art: Scenedesmus subspicatus
Test: EC50
Resultat: > 10 - 100 mg/L

Produkt/Ämne D-Glucopyranose, oligomers, decyloctyl glycoside
Testmetod: OECD 209
Art: Pseudomonas putida
Test: EC0
Resultat: > 100 mg/l mg/L

Produkt/Ämne D-Glucopyranose, oligomers, decyloctyl glycoside
Testmetod: OECD 204
Art: Fisk, Brachydanio rerio
Resultat: > 1 - 10 mg/L

Produkt/Ämne D-Glucopyranose, oligomers, decyloctyl glycoside
Testmetod: OECD 202
Art: Daphnia magna
Test: NOEC
Resultat: > 1 - 10 mg/L

12.2. Persistens och nedbrytbarhet

Produkt/Ämne D-Glucopyranose, oligomers, decyloctyl glycoside
Slutsats: Lättnedbrytbarhet

Den/de tensid(er) som ingår i denna beredning uppfyller kriterierna för biologisk nedbrytning i förordning (EG) nr 648/2004 om tvätt- och rengöringsmedel. Data som stöder detta påstående finns till förfogande för medlemsstaternas behöriga myndigheter, och kommer att göras tillgängliga för dem vid direkt förfrågan, eller vid förfrågan från tillverkare av tvätt- och rengöringsmedel.

12.3. Bioackumuleringsförmåga

Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

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

Denna produkt omfattas av bestämmelser om farligt avfall. (*)
HP 8 - Frätande
Innehållet/behållaren lämnas till en godkänd avfallsanläggning.
Avfallsförordning (SFS 2020:614).

EWC-kod:

20 01 29* Rengöringsmedel som innehåller farliga ämnen

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	UN3265	FRÄTANDE SUR ORGANISK VÄTSKA, N.O.S.	Klass: 8 Etiketter: 8 Klassificeringskod: C3 	III	Nej	Begränsade mängder: 5 L Tunnelrestriktionskod: (E) Se mer information nedan.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Förpackningsgrupp

** Miljöfaror

Annat

Produkten omfattas av konventionerna gällande farligt gods.

ADR / Se Tabell A, Avsnitt 3.2.1 för all information om särskilda villkor, krav eller varningar i samband med transport. Se avsnitt 5.4.3 för skriftliga instruktioner angående begränsning av skador när det gäller incidenter eller olyckor under transport.

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.

Produkten får ej användas yrkesmässigt av unga under 18 år. Förbudet gäller inte om arbetsuppgiften:

- utförs av ungdomar som har fullgjort gymnasial utbildning eller motsvarande utbildning för uppgiften, eller
- ingår i undervisning som är belägen i en skollokal eller annan plats som är särskilt anordnad för undervisning, eller
- ingår i praktikledda praktikplatser för ungdomar, eller
- är av den art att risken att skadas är minimal.

Krav på särskild utbildning:

Inga särskilda krav.

SEVESO - Farokategorier / Farliga ämnen:

Ej tillämpligt.

Märkning av innehåll i enlighet med förordning (EG) nr 648/2004 om tvätt- och rengöringsmedel:

5% - 15%

- Nonjoniska tensider

Annat:

Den/de tensid(er) som ingår i denna beredning uppfyller kriterierna för biologisk nedbrytning i förordning (EG) nr 648/2004 om tvätt- och rengöringsmedel. Data som stöder detta påstående finns till förfogande för medlemsstaternas behöriga myndigheter, och kommer att göras tillgängliga för dem vid direkt förfrågan, eller vid förfrågan från tillverkare av tvätt- och rengöringsmedel.

Källor:

Arbetsmiljöverkets föreskrifter och allmänna råd (AFS 2023:2) om planering och organisering av arbetsmiljöarbete – grundläggande skyldigheter för dig med arbetsgivaransvar
Europaparlamentets och rådets förordning (EG) nr 648/2004 av den 31 mars 2004 om tvätt- och rengöringsmedel. Avfallsförordning (SFS 2020:614).
Europaparlamentets och rådets förordning (EG) nr 1272/2008 av den 16 december 2008 om klassificering, märkning och förpackning av ämnen och blandningar (CLP).
Europaparlamentets och rådets förordning (EG) nr 1907/2006 av den 18. december 2006 om registrering, utvärdering, godkännande och begränsning av kemikalier (REACH).

15.2. Kemikaliesäkerhetsbedömning

Nej

AVSNITT 16: ANNAN INFORMATION

Ordalydelse för H-fraser som anges i avsnitt 3

H290, Kan vara korrosivt för metaller.
H314, Orsakar allvarliga frätskador på hud och ögon.
H315, Irriterar huden.
H318, Orsakar allvarliga ögonskador.
H319, Orsakar allvarlig ögonirritation.
H335, Kan orsaka irritation i luftvägarna.

Förkortningar och akronymer

ADR = Europeisk överenskommelse om transport av farligt gods på väg
ATE = Uppskattad akut toxicitet
BCF = Biokoncentrationsfaktor
CAS = Registeringsnummer som tilldelats av Chemical Abstract Services
CE = Conformité Européenne (I överensstämmelse med EU-direktiven)
CLP = Europaparlamentets och rådets förordning (EG) 1272/2009 (CLP) om klassificering, märkning och förpackning av ämnen och blandningar
CSA = Kemikaliesäkerhetsbedömning
CSR = Kemikaliesäkerhetsrapport
DNEL = Härledd noll-effekt nivå (Derived No Effect Level)
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exponeringsscenario
EUH-faroorangivelser = kompletterande faroorangivelser enligt CLP
EuPCS = Det europeiska produktkategoriseringssystemet
EWC = Europeiska avfallskatalogen
GHS = Globalt harmoniserat system för klassificering och märkning av kemiska ämnen och beredningar
GWP = Potential att bidra till växthuseffekten
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logaritmen av fördelningskoefficienten oktanol/vatten
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistenta, bioackumulerande och toxiska
PNEC = Koncentration som sannolikt inte förorsakar negativ effekt
REACH = Registrering, utvärdering, godkännande och begränsning av kemikalier (Förordning (EG) nr 1907/2006)
RRN = REACH registreringsnummer
SCL = Specifik koncentrationsbegränsning.
STOT-RE = Toxicitet för specifikt målorgan - upprepad exponering
STOT-SE = Toxicitet för specifikt målorgan - enstaka exponering
SVHC = Särskilt farliga ämnen
UVBC = Ämnen med okänd eller varierande sammansättning, komplexa reaktionsprodukter eller biologiskt material.

UN = Förenta Nationerna
VOC = Flyktiga organiska ämnen
vPvB = Mycket persistenta och mycket bioackumulerande

Annat

Blandningens klassificering gällande hälsorisker har skett i enlighet med beräkningsmetoder angivna i förordning (EG) nr 1272/2008 (CLP).

Blandningens klassificering gällande frätskador på huden och allvarliga skador på ögonen baseras på de pH-värden som angetts i förordning (EG) nr 1272/2008 (CLP)

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

i.23 descaler foam

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

Product identifier

Trade name:
i.23 descaler foam

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:
12/2/2025

SDS Version:
1.0

Emergency telephone number

In an emergency call 995
In less severe situations call the Drugs & Poison Hotline: 6423 9119
See section 4 "First aid measures".

SECTION 2: HAZARDS IDENTIFICATION

Classified according to SS 586-2:2022.

Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)

Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances:

D-Glucopyranose, oligomers, decyloctyl glycoside

Additional labelling:

Not applicable.

Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Not applicable. This product is a mixture.

Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.:	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General information:

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

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

Most important symptoms and effects, both acute and delayed

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

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)

Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact Drugs & Poison Hotline (tel: 6423 9119) in order to obtain further advice.
Hazchem Code: 2X

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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 direct contact with the product.
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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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:

Ensure that eyewash stations and safety showers are located within easy reach.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.
Use only protective equipment with a recognized certification mark, e.g. the S-Mark.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form:

Liquid

Colour:

Brown

Odour:

Characteristic

Odour threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):
1.05 (20 °C)

Kinematic viscosity:
No relevant or available data due to the nature of the product.

Particle characteristics:
Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):
No relevant or available data due to the nature of the product.

Softening point/range (°C):
Does not apply to liquids.

Boiling point (°C):
No relevant or available data due to the nature of the product.

Vapour pressure:
No relevant or available data due to the nature of the product.

Relative vapour density:
No relevant or available data due to the nature of the product.

Decomposition temperature (°C):
No relevant or available data due to the nature of the product.

Evaporation rate (n-butylacetate = 100):

Data on fire and explosion hazards

Flash point (°C):
No relevant or available data due to the nature of the product.

Flammability (°C):
No relevant or available data due to the nature of the product.

Auto-ignition temperature (°C):
No relevant or available data due to the nature of the product.

Explosion limits (% v/v):
No relevant or available data due to the nature of the product.

Solubility

Solubility in water:
Completely soluble

n-octanol/water coefficient (LogKow):
No relevant or available data due to the nature of the product.

Solubility in fat (g/L):
No relevant or available data due to the nature of the product.

Other information

Other physical and chemical parameters:
ND: 1.354

Oxidizing properties:
No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal

contact and contact with the eye cause irreversible effects.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: EC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Species: Scenedesmus subspicatus
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 209
 Species: Pseudomonas putida
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, Brachydanio rerio
 Result: > 1 - 10 mg/L

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: NOEC
 Result: > 1 - 10 mg/L

Persistence and degradability

Product/substance D-Glucopyranose, oligomers, decyloctyl glycoside
 Conclusion: Readily biodegradable

Bioaccumulative potential

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

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

Dispose of contents/container to an approved waste disposal plant.
 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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

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

Hazchem Code: 2X

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.

People under the age of 18 shall not be exposed to this product.

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

H290, May be corrosive to metals.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory 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

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by SS 586-2:2022.

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by SS 586-2:2022.

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.



Conforms to Singapore Standard SS 586-3:2022

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

VARNOSTNI LIST

i.23 descaler foam

ODDELEK 1: IDENTIFIKACIJA SNOVI/ZMESI IN DRUŽBE/PODJETJA

1.1. Identifikator izdelka

Trgovsko ime:

i.23 descaler foam

Enolični identifikator formule (UFI):

E094-SY4R-6T7V-FTJ3

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:

12. 02. 2025

Različica SDS:

1.0

1.4. Telefonska številka za nujne primere

112

Glejte oddelek 4 "Ukrepi za prvo pomoč"

ODDELEK 2: DOLOČITEV NEVARNOSTI

Razvrščeno glede na Uredbo (ES) št. 1272/2008 (CLP).

2.1. Razvrstitev snovi ali zmesi

Skin Corr. 1; H314, Povzročča hude opekline kože in poškodbe oči.
Eye Dam. 1; H318, Povzročča hude poškodbe oči.

2.2. Elementi etikete

Piktogram(i) za nevarnost:



Opozorilna beseda:

Nevarno

Stavki o nevarnosti:

Povzročča hude opekline kože in poškodbe oči. (H314)

Previdnostni stavki:

Splošno:

-

Preprečevanje:

Ne vdihavati hlapi/megla. (P260)

Nositi zaščitna za oči/zaščitne rokavice. (P280)

Odgovor:

PRI STIKU S KOŽO (ali lasmi): Takoj sleči vsa kontaminirana oblačila. Kožo izprati z vodo ali prho. (P303+P361+P353)

PRI STIKU Z OČMI: Previdno izpirati z vodo nekaj minut. Odstranite kontaktne leče, če jih imate in če to lahko storite brez težav. Nadaljujte z izpiranjem. (P305+P351+P338)

Takoj pokličite CENTER ZA ZASTRUPITVE/zdravnik. (P310)

Shramba:

-

Odstranjevanje:

Odstraniti vsebino/posodo v skladu z lokalnimi predpisi (P501)

Identiteta snovi, ki so primarno odgovorne za večja zdravstvena tveganja:

D-Glucopyranose,oligomers,decyloctyl glycoside

Dodatno označevanje:

UFI: E094-SY4R-6T7V-FTJ3

Označevanje vsebine v skladu z Uredbo o detergentih 648/2004:

5% - 15%

· Neionske površinsko aktivne snovi

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
D-Glucopyranose,oligomers,decyloctyl glycoside	Št. CAS: 68515-73-1 Št. ES: REACH: Indeksna št.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	Št. CAS: 506-89-8 Št. ES: 208-059-6 REACH: Indeksna št.:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
natrijev hidroksid;kaustučna soda	Št. CAS: 1310-73-2 Št. ES: 215-185-5	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314	

	REACH: 01-2119457892-27-XXXX Indeksna št.: 011-002-00-6		Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	
--	--	--	--	--

Poglejte celotno besedilo o H-stavkih v oddelek 16. Mejne vrednosti poklicne izpostavljenosti so naštet v oddelek 8, če so na voljo.

Druge informacije

[19] UVCB = Pomeni snovi z neznano ali spremenljivo sestavo, kompleksne reakcijske produkte ali biološke materiale.

ODDELEK 4: UKREPI ZA PRVO POMOČ

4.1. Opis ukrepov za prvo pomoč

Splošne informacije:

V primeru nesreče: Stopite v stik z zdravnikom ali urgenco - vzemite nalepko ali ta varnostni list s sabo. Posvetujte z zdravnikom, če ste v dvomih o stanju poškodovanca ali če simptomi ne izginejo. Nikoli ne dajajte nezavestni osebi vode ali podobno.

Vdihavanje:

Ob težavah z dihanjem ali draženju dihal: Pospremite osebo na svež zrak in ostanite tam z njo.

Stik s kožo:

Izpostavljeno območje dolgo časa izpirajte z vodo – najmanj 30 minut. Morda je potrebno večurno izpiranje. Uporabite vodo prijetne temperature (20-30 °C). Za dodatne nasvete glede nadaljnega ukrepanja in zdravljenja se obrnite na informacijski center za zastrupitve/zdravnika/bolnišnico. Hkrati odstranite kontaminirana oblačila ter obutev. Kožo, ki je bila v stiku z materialom, je treba temeljito sprati z vodo in milom. Lahko se uporabi čistilo za kožo. NE UPORABLJAJTE topil in razredčil. Če nastopi draženje kože: poiščite zdravniško pomoč/oskrbo.

Stik z očmi:

Pri stiku z očmi: Oči spirajte z obilo vode ali slano raztopino (20-30 ° C) vsaj 30 minut in nadaljujte dokler draženje ne poneha. Odstranite kontaktne leče. Poskrbite, da sperete prostor pod zgornjo in spodnjo veko. Takoj poiščite zdravniško pomoč in nadaljujte z izpiranjem med prevozom.

Zaužitje:

V primeru zaužitja, se takoj posvetujte z zdravnikom. Če je oseba pri zavesti, ji dajte vodo. NE poskušajte izzvati bruhanja, razen če to priporoči zdravnik. Držite poškodovančev glavo obrnjeno navzdol, tako da ne izbljuvek ne teče nazaj v usta in grlo. Preprečite šok in ohranite poškodovano osebo na toplem in umirjeno. Če poškodovanec preneha dihati, izvajajte oživljanje usta na usta. Če je oseba v nezavesti, jo prevrnite na stran z zgornjo nogo, upognjeno tako v kolenu, kot v kolku. Pokličite reševalce.

Opeklina:

Se ne uporabljaja.

4.2. Najpomembnejši simptomi in učinki, akutni in zapozneli

Škodljivi učinki za tkivo: Ta izdelek vsebuje snovi, ki so jedke. Če se hlapi ali razpršila vdihavajo, lahko pride do poškodb pljuč, draženja in opeklin v dihalnih organih, kot tudi do kašljanja. Jedke snovi povzročijo nepopravljivo škodo na očeh in opeklina s kislino na koži.

4.3. Navedba kakršne koli takojšnje medicinske oskrbe in posebnega zdravljenja

PRI izpostavljenosti ali sumu izpostavljenosti:
Takoj poiščite zdravniško pomoč/oskrbo.

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 kataboličnim izdelkom lahko škoduje vašemu zdravju. Zaprte posode, ki so izpostavljene ognju, je treba ohladiti z vodo. Preprečite, da bi voda, s katero je bil gašen požar, iztekala v kanalizacijo in druge vodotoke.

Če je izdelek izpostavljen visokim temperaturam, kot v primeru požara, se proizvedejo nevarne katabolne snovi. To so: Ogljikovi oksidi (CO / CO₂)

5.3. Nasvet za gasilce

Za preprečitev stika, nosite samozadosten dihalni aparat in zaščitno obleko.

ODDELEK 6: UKREPI OB NENAMERNIH IZPUSTIH

6.1. Osebnostni ukrepi, zaščitna oprema in postopki v sili

Izogibajte se neposrednemu stiku z razlitimi snovmi.
Kontaminirana območja so lahko spolzka.

6.2. Okoljevarstveni ukrepi

Izogibajte se izpustom v jezera, potoke, kanalizacijo, itd.
Nepooblaščen 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

Izogibajte se neposrednemu kontaktu z izdelkom.
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 nezdržljivostjo

Posode, ki so bile odprte, se morajo previdno zatesniti in hraniti v pokončnem položaju, da se prepreči iztekanje.

Zdržljivostjo embalaže:

Hraniti samo v originalni embalaži.

Pogji skladiščenja:

Suho, hladno in dobro prezračeno

Nezdržljivi materiali:

Hraniti samo v originalni embalaži.

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

D-Glucopyranose, oligomers, decyloctyl glycoside

Trajanje:	Način izpostavljenosti:	DNEL:
Dolgoročno - sistemski učinki - delavci	Dermalno	595000 mg/kg bw/day
Dolgoročno - sistemski učinki - splošna populacija	Dermalno	357000 mg/kg bw/day
Dolgoročno - sistemski učinki - delavci	Inhalacija	420 mg/m ³
Dolgoročno - sistemski učinki - splošna populacija	Inhalacija	124 mg/m ³
Dolgoročno - sistemski učinki - splošna populacija	Oralno	35.7 mg/kg bw/day

PNEC

D-Glucopyranose, oligomers, decyloctyl glycoside

Način izpostavljenosti:	Trajanje izpostavljenosti:	PNEC:
Morska usedlina		152 µg/kg
Morska voda		17.6 µg/L
Naprava za čiščenje odplak		560 mg/L
Občasno spuščanje (sladka voda)		270 µg/L
Plenilci		111.11 mg/kg
Sladka voda		176 µg/L
Sladkovona usedlina		1.516 mg/kg
Tla		654 µg/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:

Poskrbite, da so na zlahka dosegljivih mestih postaje za umivanje oči in varnostne prhe
Med uporabo izdelka upoštevajte varnostne ukrepe. Izogibajte se vdihavanju hlapov.

Higienski ukrepi:

Kadarkoli si vzamete premor ob uporabi tega izdelka in ko ga prenehate uporabljati, je potrebno oprati vse izpostavljene površine telesa. Bodite posebej pozorni na roke, podlakti in obraz.

Ukrepi, da se prepreči okoljska izpostavljenost:

Zajezitvene materiale hranite v bližini delovnega mesta. Če je mogoče, popivnjajte razlitje med delom.

Posamezni varnostni ukrepi, kot na primer osebna zaščitna oprema

Na splošno:

Kontaminirana oblačila oprati pred ponovno uporabo.
Uporabljajte samo zaščitno opremo z oznako CE.

Dihalna oprema:

Tip	Razred	Barva	Standarde	
V primeru ustreznega prezračevanja ni potrebna uporaba zaščitne dihal				

Zaščita kože:

Priporočeno	Tipa/Kategorije	Standarde	
Brez posebnosti, ko je v nameravani uporabi	-	-	

Zaščita za roke:

Material	Debelina rokavice (mm)	Čas prodiranja (min.)	Standarde	
Nitrilna guma	0.4	> 480	EN374-2, EN374-3, EN388	

Zaščita za oči:

Tip	Standarde	
Nosite varnostna očala s stranskimi ščitniki.	EN166	

ODDELEK 9: FIZIKALNE IN KEMIJSKE LASTNOSTI

9.1. Podatki o osnovnih fizikalnih in kemijskih lastnostih

Oblika:

Tekoč

Barva:

Rjav

Vonj / Mejne vrednosti vonja (ppm):

Značilen

pH:

ca. 1.6

Gostota (g/cm³):

1,05 (20 °C)

Kinematična viskoznost:

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

Lastnosti delcev:

Se ne uporablja za tekočine.

Spremembe faz

Tališče/ledišče (°C):

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

Zmehčišče (voskih in pastah) (°C):

Se ne uporablja za tekočine.

Vreliščna točka (°C):

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

Pritisk pare:

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

Relativna parna gostota:

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

Temperatura razpadanja (°C):

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

Podatki o nevarnostih požara in eksplozije

Plamenišče (°C):

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

Vnetljivost (°C):

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

Temperatura samovžiga (°C):

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

Omejitve eksplozije (Vol %):

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

Topnost

Topnost v vodi:

Povsem topno

n-oktanol / vodni koeficient (LogKow):

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

Topnost v maščobi (g/L):

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

9.2. Drugi podatki

Drugi fizikalni in kemijski parametri:

ND: 1.354

Oksidacijske lastnosti:

Ni ustreznih ali razpoložljivih podatkov zaradi vrste izdelka.

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

Hraniti samo v originalni embalaži.

10.6. Nevarni produkti razgradnje

Toplotna razgradnja lahko povzroči korozivne hlape.

ODDELEK 11: TOKSIKOLOŠKI PODATKI

11.1. Podatki o razredih nevarnosti, kakor so opredeljeni v Uredbi (ES) št. 1272/2008

Akutna toksičnost

Izdelek/sestavina	D-Glucopyranose, oligomers, decyloctyl glycoside
Testni metoda:	OECD 401
Vrste:	Podgana
Način izpostavljenosti:	Oralno
Test:	LD50
Rezultat:	> 5.000 mg/kg

Izdelek/sestavina	D-Glucopyranose, oligomers, decyloctyl glycoside
Testni metoda:	OECD 402
Vrste:	Zajec
Način izpostavljenosti:	Dermalno
Test:	LD50
Rezultat:	> 2000 mg/L

Jedkost / draženje kože

Izdelek/sestavina D-Glucopyranose, oligomers, decyloctyl glycoside
Rezultat: Škodljivi učinki niso bili ugotovljeni (Ne draži)

Povzročča hude opekline kože in poškodbe oči.

Resna poškodba/draženje oči

Izdelek/sestavina D-Glucopyranose, oligomers, decyloctyl glycoside
Rezultat: Ugotovljeni škodljivi učinki (Povzročča hude poškodbe oči)

Povzročča hude poškodbe oči.

Preobčutljivost dihal

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

Škodljivi učinki za tkivo: Ta izdelek vsebuje snovi, ki so jedke. Če se hlapi ali razpršila vdihavajo, lahko pride do poškodb pljuč, draženja in opeklin v dihalnih organih, kot tudi do kašljanja. Jedke snovi povzročijo nepopravljivo škodo na očeh in opekline s kislino na koži.

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 D-Glucopyranose, oligomers, decyloctyl glycoside
Testni metoda: DIN EN ISO 7346-2
Vrste: Riba, Brachydanio rerio
Test: LC50
Rezultat: > 100 mg/L

Izdelek/sestavina D-Glucopyranose, oligomers, decyloctyl glycoside
Testni metoda: OECD 202
Vrste: Daphnia magna
Test: EC50
Rezultat: > 100 mg/L

Izdelek/sestavina D-Glucopyranose, oligomers, decyloctyl glycoside
Vrste: Scenedesmus subspicatus
Test: EC50

Rezultat: > 10 - 100 mg/L

Izdelek/sestavina D-Glucopyranose, oligomers, decyloctyl glycoside
 Testni metoda: OECD 209
 Vrste: Pseudomonas putida
 Test: ECO
 Rezultat: > 100 mg/l mg/L

Izdelek/sestavina D-Glucopyranose, oligomers, decyloctyl glycoside
 Testni metoda: OECD 204
 Vrste: Riba, Brachydanio rerio
 Rezultat: > 1 - 10 mg/L

Izdelek/sestavina D-Glucopyranose, oligomers, decyloctyl glycoside
 Testni metoda: OECD 202
 Vrste: Daphnia magna
 Test: NOEC
 Rezultat: > 1 - 10 mg/L

12.2. Obstočnost in razgradljivost

Izdelek/sestavina D-Glucopyranose, oligomers, decyloctyl glycoside
 Zaključek: Hiter biološki razkroj

Tenzid (i), ki je (so) prisoten (prisotni) v tem pripravku, izpolnjuje (jo) vse pravne predpise za biološko razgradnjo, kot je v Uredbi (EG) št. 648/2004 za detergente določeno. Predloge, ki se nanašajo na to potrdilo, bodo odgovornim oblastem držav članic zagotovljene – na razpolago bodo na direktno zahtevo ali na zahtevo proizvajalca detergentov.

12.3. Zmožnost kopičenja v organizmih

Na podlagi razpoložljivih podatkov merila za razvrstitev niso izpolnjena.

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

Izdelek je zajet v predpisih o nevarnih odpadkih. (*)

HP 8 - Jedko

Odstraniti vsebino/posodo pooblaščenemu obratu za odstranitev odpadkov.

Uredba (EU) št. 1357/2014 z dne 18. decembra 2014 o odpadkih.

EWC koda:

20 01 29* čistila, ki vsebujejo nevarne snovi

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 informacij e:
ADR	UN3265	ORGANSKA TEKOČINA, JEDKA, KISLA, N.D.N.	Razred: 8 Nalepke nevarnosti: 8 Razvrstitveni kod: C3 	III	Ne	Omejene količine: 5 L Kod omejitve za predore: (E) Za dodatne informacije glejte spodaj.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Skupina embalaže

** Nevarnosti za okolje

Dodatne informacije

Ta izdelek je zajet v konvencijah o nevarnem blagu.

ADR / Glejte preglednico A, oddelek 3.2.1 za vse informacije o posebnih določbah, zahtevah ali opozorilih v zvezi s transportom. Glejte oddelek 5.4.3 za pisna navodila glede omejitve škode v zvezi z incidenti ali nesrečami med transportom.

14.6. Posebni previdnostni ukrepi za uporabnika

Se ne uporablja.

14.7. Pomorski prevoz v razsutem stanju v skladu z instrumenti IMO

Podatki niso na voljo.

ODDELEK 15: ZAKONSKO PREDPISANI PODATKI

15.1. Predpisi/zakonodaja o zdravju, varnosti in okolju, specifični za snov ali zmes

Omejitve za uporabo:

Samo za poklicne uporabnike.

Osebe, mlajše od 18 let, ne smejo biti izpostavljene tem izdelku.

Zahteve za posebno izobraževanje:

Ni posebnih zahtev.

SEVESO - Kategorije nevarnih snovi / Imenovane nevarne snovi:

Se ne uporablja.

Označevanje vsebine v skladu z Uredbo o detergentih 648/2004:

5% - 15%

· Neionske površinsko aktivne snovi

Dodatne informacije:

Tenzid (i), ki je (so) prisoten (prisotni) v tem pripravku, izpolnjuje (jo) vse pravne predpise za biološko razgradnjo, kot je v Uredbi (EG) št. 648/2004 za detergente dolo č eno. Predloge, ki se nanašajo na to potrdilo, bodo odgovornim oblastem držav članic zagotovljene – na razpolago bodo na direktno zahtevo ali na zahtevo proizvajalca detergentov.

Viri:

Zakon o delovnih razmerjih (ZDR-1).

Uredba (ES) št. 648/2004 Evropskega parlamenta in Sveta z dne 31. marca 2004 o detergentih.

Uredba (EU) št. 1357/2014 z dne 18. decembra 2014 o odpadkih.

Uredba (ES) št. 1272/2008 Evropskega parlamenta in Sveta z dne 16. decembra 2008 o razvrščanju, označevanju in pakiranju snovi ter zmesi (CLP).

Uredba (ES) št. 1907/2006 Evropskega Parlamenta in Sveta z dne 18. decembra 2006 o registraciji, evalvaciji,

avtorizaciji in omejevanju kemikalij (REACH).

15.2. Ocena kemijske varnosti

Ne

ODDELEK 16: DRUGI PODATKI

Celotno besedilo o H-stavkih, kot je omenjeno v oddelek 3

H290, Lahko je jedko za kovine.
H314, Povzroča hude opekline kože in poškodbe oči.
H315, Povzroča draženje kože.
H318, Povzroča hude poškodbe oči.
H319, Povzroča hudo draženje oči.
H335, Lahko povzroči draženje dihalnih poti.

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 kodeksi 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

Razvrstitev zmesi v zvezi z nevarnostmi za zdravje je v skladu z metodami izračuna, določenimi z Uredbo (ES) št. 1272/2008 (CLP).
Razvrstitev zmesi v zvezi z jedkostjo za kožo in hudimi poškodbami oči temelji na kriteriju pH, določenem z Uredbo (ES) št. 1272/2008 (CLP)

Varnostnega lista je ovrednotil

Quality & Compliance

Drugo

Sprememba (v razmerju do zadnje bistvene spremembe (prva številka v različici SDS)) je označena z trikotnikom. Podatki v tem varnostnega lista, veljajo samo za ta poseben izdelek (navedeno v oddelek 1) in niso nujno primerni za uporabo z drugimi kemikalijami/izdelki. Priporočljivo je, da se izroči ta varnostnega lista dejanskemu uporabniku izdelka. Podatki v tem varnostnem listu se ne morejo uporabljati kot specifikacija izdelka.
Država-jezik: SI-sl

KARTA BEZPEČNOSTNÝCH ÚDAJOV

i.23 descaler foam

ODDIEL 1: IDENTIFIKÁCIA LÁTKY/ZMESI A SPOLOČNOSTI/PODNIKU

1.1. Identifikátor produktu

Názov produktu:

i.23 descaler foam

Jedinečný identifikátor vzorca (UFI):

E094-SY4R-6T7V-FTJ3

1.2. Relevantné identifikované použitia látky alebo zmesi a použitia, ktoré sa neodporúčajú

Relevantné identifikované použitia látky alebo zmesi:

Čistiace a čistiacie prostriedky (vrátane tých na báze rozpúšťadiel)
Len na odborné použitie.

Neodporúčané spôsoby použitia:

Žiadne známe.

1.3. Údaje o dodávateľovi karty bezpečnostných údajov

Spoločnosť a adresa:

Hygeniq B.V.

Lenteweg 15
7532 RV Enschede
Nederland
0534282860

E-mail:

info@hygeniq.com

Revízia:

12. 2. 2025

Verzia KBÚ:

1.0

1.4. Núdzové telefónne číslo

Použite vaše štátne +421 2 5477 4166 alebo miestne tiesňové číslo.
Pozri oddiel 4 "Opatrenia prvej pomoci".

ODDIEL 2: IDENTIFIKÁCIA NEBEZPEČNOSTI

Klasifikovaný podľa nariadenia (ES) č. 1272/2008 (CLP).

2.1. Klasifikácia látky alebo zmesi

Skin Corr. 1; H314, Spôsobuje vážne poleptanie kože a poškodenie očí.
Eye Dam. 1; H318, Spôsobuje vážne poškodenie očí.

2.2. Prvky označovania

Výstražný/-é piktogram/-y:



Výstražné slová:

Nebezpečenstvo

Výstražné upozornenie/-a:

Spôsobuje vážne poleptanie kože a poškodenie očí. (H314)

Bezpečnostné upozornenia:

Všeobecné:

-

Prevenčia:

Nevdychujte pary/hmla. (P260)

Noste ochranné okuliare/ochranné rukavice. (P280)

Odozva:

PRI KONTAKTE S POKOŽKOU (alebo vlasmi): Vyzlečte všetky kontaminované časti odevu. Pokožku ihneď opláchnite vodou alebo sprchou. (P303+P361+P353)

PO ZASIAHNUTÍ OČÍ: Niekoľko minút ich opatrne vyplachujte vodou. Ak používate kontaktné šošovky a je to možné, odstráňte ich. Pokračujte vo vyplachovaní. (P305+P351+P338)

Okamžite volajte NÁRODNÉ TOXIKOLOGICKÉ INFORMAČNÉ CENTRUM/lekára. (P310)

Uchovávanie:

-

Zneškodňovanie:

Zneškodnite obsah/nádobu v súlade s miestnymi predpismi (P501)

Identifikácia látok primárne zodpovedných za hlavné zdravotné riziká:

D-Glucopyranose,oligomers,decyloctyl glycoside

Ďalšie označovanie (etiketácia):

UFI: E094-SY4R-6T7V-FTJ3

Označovanie obsahu podľa nariadenia o detergentoch 648/2004:

5% - 15%

· Neionogénne povrchovo aktívne látky

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
D-Glucopyranose,oligomers,decyloctyl glycoside	Č. CAS: 68515-73-1 Č. EC: REACH: Indexové č.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	Č. CAS: 506-89-8 Č. EC: 208-059-6 REACH:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	

	Indexové č.:		
hydroxid sodný;lúh sodný	Č. CAS: 1310-73-2 Č. EC: 215-185-5 REACH: 01-2119457892-27-XXXX Indexové č.: 011-002-00-6	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %) Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)

Pozri plné znenie H-viet v oddiele 16. Limity v pracovnom prostredí sú uvedené v oddiele 8, ak sú k dispozícii.

Ďalšie informácie

[19] UVCB = Znamenajú látky neznámeho alebo variabilného zloženia, produkty komplexných reakcií alebo biologické materiály.

ODDIEL 4: OPATRENIA PRVEJ POMOCI

4.1. Opis opatrení prvej pomoci

Všeobecné informácie:

V prípade nehody: Vyhľadajte lekára alebo pohotovostnú službu - vezmite si so sebou etiketu alebo tento bezpečnostný list.

Kontaktujte lekára, ak máte pochybnosti o stave postihnutej osoby alebo ak príznaky pretrvávajú. Nikdy nedávajte osobe v bezvedomí vodu ani iné tekutiny.

Vdýchnutie:

Pri dýchacích ťažkostiach alebo podráždení dýchacích ciest: Premiestnite postihnutého na čerstvý vzduch a zostaňte pri ňom.

Styk s pokožkou:

Dlhodobá – najmenej 30 minút – oplachujte exponované miesto vodou. Môže byť potrebné oplachovať niekoľko hodín. Používajte príjemnú teplotu vody (20 až 30 °C). Obráťte sa na toxikologické informačné centrum/lekárnik/nemocnicu, kde vám poskytnú ďalšie informácie o ďalšom postupe a liečbe.

Ihneď sa zbavte kontaminovaného odevu a obuvi. Miesta pokožky, ktoré sa dostali do styku s materiálom, umyte dôkladne vodou a mydlom. Môžete použiť pletový čistiaci prípravok. NEPOUŽÍVAJTE rozpúšťadlá ani riedidlá.

Ak sa objaví podráždenie pokožky, vyhľadajte lekársku pomoc/starostlivosť.

Zasiahnutie očí:

Po zasiahnutí očí: Vyplachujte oči veľkým množstvom vody (20 - 30 °C) minimálne po dobu 30 minút a pokračujte, až kým podráždenie neprestane. Vyberte kontaktné šošovky. Uistite sa, že ste si vypláchli aj miesta pod hornými a dolnými viečkami. Okamžite kontaktujte lekára. Okamžite vyhľadajte lekársku pomoc a počas dopravy pokračujte vo vyplachovaní.

Požitie:

V prípade požitia vyhľadajte ihneď lekára. Ak je postihnutý pri vedomí, dajte mu vodu. NEPOKÚŠAJTE sa vyvolať zvracanie, ak vám to neodporučí lekár. Držte hlavu smerom k zemi tak, aby žiadne zvratky nezostali v ústach alebo hrdle. Zabráňte šoku tým, že udržiavate postihnutého v teple a pokoji. Ak prestane dýchať, vykonajte dýchanie z úst do úst. Ak je v bezvedomí, pretočte ho na bok tak, aby mal hornú nohu ohnutú v kolenej a bedrovej časti. Zavolajte záchranku.

Popáleniny:

Nerelevantné.

4.2. Najdôležitejšie príznaky a účinky, akútne aj oneskorené

Účinky poškodzujúce tkanivo: Tento produkt obsahuje látky, ktoré sú žieravé. Vdýchnutie výparov alebo aerosólov môže viesť k poškodeniu pľúc, podráždeniu a popáleninám dýchacích orgánov a kašľu. Žieravé látky spôsobujú nevratné poškodenie očí a poleptanie kože.

4.3. Údaj o akejkoľvek potrebe okamžitej lekárskej starostlivosti a osobitného ošetrovania

Po expozícii alebo podozrení z nej:

Okamžite vyhľadajte lekársku pomoc/starostlivosť.

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)

5.3. Pokyny pre požiarnikov

Používajte dýchací prístroj a ochranný odev, aby ste zabránili kontaktu.

ODDIEL 6: OPATRENIA PRI NÁHODNOM UVOLNENÍ

6.1. Osobné bezpečnostné opatrenia, ochranné vybavenie a núdzové postupy

Vyhňte sa priamemu kontaktu s rozliatymi látkami.
Kontaminované plochy môžu byť klzké.

6.2. Bezpečnostné opatrenia pre životné prostredie

Zabráňte vypúšťaniu do jazier, potokov, kanalizácií, atď.
Zabráňte prístupu nepovolanych 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

Vyhňte sa priamemu kontaktu s produktom.
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

Obaly, ktoré boli otvorené, starostlivo utesnite a uchovajte vo zvislej polohe, aby ste zabránili úniku.

Kompatibility obalov:

Uchovávajú iba v pôvodnom balení.

Podmienky skladovania:

Suché, chladné a dostatočne vetrané

Nekompatibilné materiály:

Uchovávajú iba v pôvodnom balení.

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

D-Glucopyranose,oligomers,decyloctyl glycoside

Doba:	Priebeh vystavenia:	DNEL:
Dlhodobý – systémové účinky - zamestnanci	Dermálne	595000 mg/kg bw/day
Dlhodobý – systémové účinky - všeobecná populácia	Dermálne	357000 mg/kg bw/day
Dlhodobý – systémové účinky - všeobecná populácia	Orálne	35.7 mg/kg bw/day
Dlhodobý – systémové účinky - zamestnanci	Vdýchnutie	420 mg/m ³
Dlhodobý – systémové účinky - všeobecná populácia	Vdýchnutie	124 mg/m ³

PNEC

D-Glucopyranose,oligomers,decyloctyl glycoside

Priebeh vystavenia:	Trvanie expozície:	PNEC:
Čistiareň splaškov		560 mg/L
Morská voda		17.6 µg/L
Občasné uvoľňovanie (sladká voda)		270 µg/L
Pôda		654 µg/kg
Predátori		111.11 mg/kg
Sladká voda		176 µg/L
Sladkovodná usadenina		1.516 mg/kg
Usadenina v morskej vode		152 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:

Zabezpečte, aby sa stanice na umývanie očí a bezpečnostné sprchy nachádzali na dosah. Počas používania výrobku dodržiavajte štandardné bezpečnostné opatrenia. Zabráňte vdýchnutiu pár.

Hygienické opatrenia:

Kedykoľvek si urobíte počas používania produktu prestávku, resp. ak ste ho prestali používať, musíte si umyť všetky vystavené časti tela. Osobitnú pozornosť venujte rukám, predlaktiam a tvári.

Opatrenia na zamedzenie vystavenia životného prostredia:

Uchovávajte v blízkosti pracoviska materiály na prehradenie. Ak je to možné, zbierajte počas práce rozsypaný materiál.

Individuálne ochranné opatrenia, akými sú napr. osobné ochranné prostriedky

Všeobecne:

Kontaminovaný odev pred ďalším použitím vyperte. Používajte len ochranné vybavenie označené značkou CE.

Dýchacie zariadenia:

Typ	Trieda	Farba	Normy	
V prípade existencie primeranej ventilácie nie je potrebná ochrana dýchacích ciest				

Ochrana kože:

Odporúčané	Typ/Kategória	Normy	
Žiadne špeciálne požiadavky, ak sa používa podľa určenia	-	-	

Ochrana rúk:

Materiál	Hrúbka (mm)	Doba prieniku (min.)	Normy	
Nitrilový kaučuk	0.4	> 480	EN374-2, EN374-3, EN388	

Ochrana očí:

Odporúčané	Normy	
Používajte ochranné okuliare s postrannými štítmami.	EN166	

ODDIEL 9: FYZIKÁLNE A CHEMICKÉ VLASTNOSTI

9.1. Informácie o základných fyzikálnych a chemických vlastnostiach

Forma:

Kvapalina

Farba:

Hnedá

Zápach / Prahová hodnota zápachu (ppm):

Charakteristický

pH:

ca. 1.6

Hustota (g/cm³):

1,05 (20 °C)

Kinematická viskozita:

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

Vlastnosti častíc:

Neuplatňuje sa na kvapaliny.

Fázové zmeny

Teplota topenia/tuhnutia (°C):

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

Teplota/rozmedzie mäknutia (°C):

Neuplatňuje sa na kvapaliny.

Bod varu (°C):

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

Tlak pary:

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

Relatívna hustota pár:

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

Teplota rozkladu (°C):

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

Údaje o nebezpečenstve požiaru a výbuchu

Bod vzplanutia (°C):

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

Horľavosť (°C):

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

Teplota samovznietenia (°C):

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

Medze výbušnosti (% v/v):

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

Rozpustnosť

Rozpustnosť vo vode:

Úplne rozpustný

Rozdeľovací koeficient (n-oktanol/voda) (LogKow):

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

Rozpustnosť v tuku (g/L):

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné údaje

9.2. Iné informácie

D'alšie fyzikálne a chemické parametre:

ND: 1.354

Oxidačné vlastnosti:

Vzhľadom na povahu výrobku nie sú k dispozícii žiadne relevantné alebo dostupné 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

Uchovávať iba v pôvodnom balení.

10.6. Nebezpečné produkty rozkladu

Pri tepelnom rozklade môžu vznikáť korozívne pary.

ODDIEL 11: TOXIKOLOGICKÉ INFORMÁCIE

11.1. Informácie o triedach nebezpečnosti vymedzených v nariadení (ES) č. 1272/2008

Akútna toxicita

Výrobok/prísada	D-Glucopyranose, oligomers, decyloctyl glycoside
Testovacia metóda:	OECD 401
Testované živočíchy:	Potkan
Priebeh vystavenia:	Orálne

Skúška: LD50
Výsledok: > 5.000 mg/kg

Výrobok/prísada: D-Glucopyranose, oligomers, decyloctyl glycoside
Testovacia metóda: OECD 402
Testované živočíchy: Králik
Priebeh vystavenia: Dermálne
Skúška: LD50
Výsledok: > 2000 mg/L

Poleptanie/podráždenie kože

Výrobok/prísada: D-Glucopyranose, oligomers, decyloctyl glycoside
Výsledok: Nepozorované žiadne nepriaznivé účinky (Nedráždivý)

Spôsobuje vážne poleptanie kože a poškodenie očí.

Vážne poškodenie/podráždenie očí

Výrobok/prísada: D-Glucopyranose, oligomers, decyloctyl glycoside
Výsledok: Pozorované nepriaznivé účinky (Spôsobuje vážne poškodenie očí)

Spôsobuje vážne poškodenie očí.

Respiračná senzibilizácia

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

Účinky poškodzujúce tkanivo: Tento produkt obsahuje látky, ktoré sú žieravé. Vdýchnutie výparov alebo aerosólov môže viesť k poškodeniu pľúc, podráždeniu a popáleninám dýchacích orgánov a kašľu. Žieravé látky spôsobujú nevratné poškodenie očí a poleptanie kože.

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: D-Glucopyranose, oligomers, decyloctyl glycoside
Testovacia metóda: DIN EN ISO 7346-2
Testované živočíchy: Ryby, Brachydanio rerio
Skúška: LC50
Výsledok: > 100 mg/L

Výrobok/prísada	D-Glucopyranose, oligomers, decyloctyl glycoside
Testovacia metóda:	OECD 202
Testované živočíchy:	Daphnia magna
Skúška:	EC50
Výsledok:	> 100 mg/L

Výrobok/prísada	D-Glucopyranose, oligomers, decyloctyl glycoside
Testované živočíchy:	Scenedesmus subspicatus
Skúška:	EC50
Výsledok:	> 10 - 100 mg/L

Výrobok/prísada	D-Glucopyranose, oligomers, decyloctyl glycoside
Testovacia metóda:	OECD 209
Testované živočíchy:	Pseudomonas putida
Skúška:	EC0
Výsledok:	> 100 mg/l mg/L

Výrobok/prísada	D-Glucopyranose, oligomers, decyloctyl glycoside
Testovacia metóda:	OECD 204
Testované živočíchy:	Ryby, Brachydanio rerio
Výsledok:	> 1 - 10 mg/L

Výrobok/prísada	D-Glucopyranose, oligomers, decyloctyl glycoside
Testovacia metóda:	OECD 202
Testované živočíchy:	Daphnia magna
Skúška:	NOEC
Výsledok:	> 1 - 10 mg/L

12.2. Perzistencia a degradovateľnosť

Výrobok/prísada	D-Glucopyranose, oligomers, decyloctyl glycoside
Záver:	Lahká biodegradovateľnosť

Povrchovo aktívna(e) látka(y) obsiahnutá(é) v tomto prípravku je (sú) v súlade s kritériami biodegradability pod I a Smernice (EÚ) No.648/2004. Údaje potvrdzujúce toto prehlásenie sú k dispozícii kompetentným inštitúciám členských štátov Únie na ich priamu žiadosť, alebo na žiadosť výrobcu detergentu

12.3. Bioakumulačný potenciál

Na základe dostupných údajov nie sú kritériá klasifikácie splnené.

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 narušajúce 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 vzťahujú predpisy o nebezpečných odpadoch. (*)

HP 8 - Leptavý

Zneškodnite obsah/nádobu schválené zariadenie na likvidáciu odpadu.

Nariadenie Komisie (EÚ) č. 1357/2014 z 18. decembra 2014 o odpade.

Kód EWC:

20 01 29* Detergenty obsahujúce nebezpečné látky

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	UN3265	LÁTKA KVAPALNÁ ŽIERAVÁ, KYSLÁ, ORGANICKÁ, I. N.	Trieda: 8 Bezpečnostné značky: 8 Klasifikačný kód: C3 	III	Nie	Obmedzené množstvá: 5 L Dopravná kategória: (E) Ďalšie informácie nájdete nižšie.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Obalová skupina

** Nebezpečnosť pre životné prostredie

Ďalšie informácie

Na tento produkt sa vzťahujú dohovory o nebezpečnom tovare.

ADR / Všetky informácie o osobitných ustanoveniach, požiadavkách alebo upozorneniach v súvislosti s dopravou nájdete v tabuľke A, oddiel 3.2.1. Písomné pokyny týkajúce sa zmiernenia škôd v súvislosti s incidentmi alebo nehodami počas dopravy nájdete v oddiele 5.4.3.

14.6. Osobitné bezpečnostné opatrenia pre užívateľa

Nerelevantné.

14.7. Náporná 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.

Žiadne osoby mladšie ako 18 rokov sa nesmú dostať do kontaktu s týmto produktom.

Požiadavky na špecifické vzdelávanie:

Žiadne špecifické požiadavky

SEVESO - Kategórie nebezpečných látok / Menované nebezpečné látky:

Nerelevantné.

Označovanie obsahu podľa nariadenia o detergentoch 648/2004:

5% - 15%

· Neionogénne povrchovo aktívne látky

Ďalšie informácie:

Povrchovo aktívna(e) látka(y) obsiahnutá(é) v tomto prípravku je (sú) v súlade s kritériami biodegradability pod I a Smernice (EÚ) No.648/2004. Údaje potvrdzujúce toto prehlásenie sú k dispozícii kompetentným inštitúciám

členských štátov Únie na ich priamu žiadosť, alebo na žiadosť výrobcu detergentu

Zdroje:

Nariadenie vlády č. 286/2004 Z. z. Nariadenie vlády Slovenskej republiky, ktorým sa ustanovuje zoznam prác a pracovísk, ktoré sú zakázané mladistvým zamestnancom, a ktorým sa ustanovujú niektoré povinnosti zamestnávateľom pri zamestnávaní mladistvých zamestnancov.

Nariadenie Európskeho parlamentu a Rady (ES) č. 648/2004 z 31. marca 2004 o detergentoch.

Nariadenie Komisie (EÚ) č. 1357/2014 z 18. decembra 2014 o odpade.

Nariadenie Európskeho parlamentu a Rady (ES) č. 1272/2008 z 16. decembra 2008 o klasifikácii, označovaní a balení látok a zmesí (CLP).

Nariadenie Európskeho parlamentu a Rady (ES) č. 1907/2006 z 18. decembra 2006 o registrácii, hodnotení, autorizácii a obmedzovaní chemických látok (REACH).

15.2. Hodnotenie chemickej bezpečnosti

Nie

ODDIEL 16: INÉ INFORMÁCIE

Plné znenia H-viet, ako sú uvedené v oddieli 3

H290, Môže byť korozívna pre kovy.

H314, Spôsobuje vážne poleptanie kože a poškodenie očí.

H315, Dráždi kožu.

H318, Spôsobuje vážne poškodenie očí.

H319, Spôsobuje vážne podráždenie očí.

H335, Môže spôsobiť podráždenie dýchacích ciest.

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

Klasifikácia zmesi z pohľadu ohrozenia zdravia je v súlade so spôsobmi výpočtu stanovenými nariadením (ES) č. 1272/2008 (CLP).

Klasifikácia zmesi z pohľadu poleptania kože a vážneho poškodenia oka bola stanovená podľa kritérií na hodnoty pH stanovenými nariadením (ES) č. 1272/2008 (CLP).

Táto karta bezpečnostných údajov bola potvrdená

Quality & Compliance

Iné

Zmena (v pomere k poslednej zásadnej zmene (prvá šifra vo verzii karty bezpečnostných údajov)) je označená trojuholníkom.

Informácie uvedené v tomto karte bezpečnostných údajov platia iba pre tento konkrétny produkt (uvedené v oddiel 1), a nemusia byť preto správne pri použití tohto produktu s inými chemickými látkami/produktmi.

Odporúča sa odovzdať tento karte bezpečnostných údajov skutočnému užívateľovi produktu. Informácie v tomto bezpečnostnom liste sa nemôžu použiť ako špecifikácia produktu.

Krajina-jazyk: SK-sk

MALZEME GÜVENLİK BILGI FORMU

i.23 descaler foam

BÖLÜM 1: MADDE/KARISIM VE ŞİRKET/YÜKLENİCİNİN TANIMLANMASI

1.1. Madde /Karışımın kimliği

Ticari adı:

i.23 descaler foam

1.2. Madde veya karışımın belirlenmiş kullanımları ve tavsiye edilmeyen kullanımları

Madde veya karışımın ilgili belirlenmiş kullanımları:

Deterjanlar ve temizlik maddeleri (solvent bazlı olanlar dahil)
Sadece profesyonel kullanıcılar içindir.

Kullanılması önerilmez:

Hiçbiri bilinmiyor.

1.3. Güvenlik bilgi formu tedarikçisinin bilgileri

Şirket ve adres:

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

E-posta:

info@hygeniq.com

SDS tarihi:

12.02.2025

SDS Versiyonu:

1.0

1.4. Acil durum telefon numarası

114

Ulusal veya yerel acil durum numarasını kullanın
Bkz bölüm 4 "İlk yardım önlemleri".

BÖLÜM 2: TEHLİKE TANIMLARI

1272/2008 (CLP) Sayılı Yönetmeliğe (AT) göre sınıflandırılmıştır.

2.1. Madde ve karışımın sınıflandırılması

Skin Corr. 1; H314, Ciddi cilt yanıklarına ve göz hasarına yol açar.
Eye Dam. 1; H318, Ciddi göz hasarına yol açar.

2.2. Etiket Unsurları

Tehlike belirten resimli yazı(lar):



uyarı ifadesi:

Tehlike

Tehlike beyan(lar)i:

Ciddi cilt yanıklarına ve göz hasarına yol açar. (H314)

Güvenlik beyan(lar)i:

Genel:

-

Önleyici:

buharlar/buğu solumayın. (P260)

göz koruma/koruyucu eldivenler kullanın. (P280)

Yanıt:

CİLDE TEMAS EDERSE (ya da saçta): Kirlenen bütün kıyafetleri derhal çıkarın. Cildinizi su ile yıkayın ya da duş alın. (P303+P361+P353)

GÖZE TEMAS EDERSE: Birkaç dakika boyunca gözü dikkatli bir şekilde su ile yıkayın. Varsa ve çıkarması kolaysa kontakt lensleri çıkarın. Yıkamaya devam edin. (P305+P351+P338)

Hemen ZEHİR MERKEZİ/doktor arayın. (P310)

Depolama:

-

Atık:

İçeriği/kabı bertaraf edin uyarınca yerel yönetmelikler (P501)

Büyük sağlık tehditlerinden birincil olarak sorumlu maddelerin kimliği:

D-Glucopyranose, oligomers, decyloctyl glycoside

Ek Etiketleme:

Uygulanamaz.

DETERJANLAR HAKKINDA YÖNETMELİK göre içeriğin etiketlenmesi:

5% - 15%

· İyonik olmayan sürfaktanlar

2.3. Diğer zararlar

Ek uyarılar:

Bu karışım/ürün, PBT ve/veya vPvB sınıfı kapsamında değerlendirilen herhangi bir ürün içermez.

Bu ürün, Komisyon Delegasyonu Yönetmeliği (AB) 2017/2100 veya Komisyon Yönetmeliği (AB) 2023/707'te belirtilen kriterlere uygun olarak endokrin bozucu olarak kabul edilen herhangi bir madde içermez.

BÖLÜM 3: BİLESİMİ/İÇİNDEKİLER HAKKINDA BİLGİ

3.1. Maddeler

Uygulanamaz. Bu ürün bir karışımdır.

3.2. Karışımlar

Ürün/içerik	Tanımlayıcılar	% w/w	Sınıflandırma	Notlar
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1 EC No.: REACH: Liste No.:	5-10%	Eye Dam. 1, H318 (SCL: 10,00 %) Eye Irrit. 2, H319 (SCL: 10,00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6 REACH: Liste No.:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxidecaustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5 REACH: 01-2119457892-27-XXXX	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2,00 %)	

	Liste No.: 011-002-00-6		Skin Irrit. 2, H315 (SCL: 0,50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0,50 %)	
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Bölüm 16'daki H terimlerinin tam metnine bakın. Mevcut ise mesleki sınırlar bölüm 8'de listelenmiştir.

Diger bilgiler

UVCB = Bilinmeyen veya değişken bileşim, kompleks reaksiyon ürünleri veya biyolojik malzemeler

BÖLÜM 4: İLK YARDIM ÖNLEMLERİ

4.1. İlk yardım önlemlerinin açıklaması

Genel bilgiler:

Kaza durumunda: Doktor veya acil servise başvurun, etiketi veya bu güvenlik veri sayfasını yanınıza alın.

Yaralanan kişinin durumundan emin değilseniz veya belirtiler devam ediyorsa doktora başvurun. Bilinç kaybına uğramış bir kişiye su veya benzeri şeyler vermeyin.

Solunum:

Solunum güçlüğü veya solunum yollarının tahrişi üzerine: Kişiyi temiz havaya çıkarın ve yalnız bırakmayın.

Cilt ile temas:

Maruz kalan bölgeyi uzun süre suyla yıkayın - en az 30 dakika. Birkaç saat boyunca yıkamak gerekebilir. Rahatlatıcı bir su sıcaklığı (20-30 °C) kullanın. Takip ve tedavi ile ilgili daha fazla tavsiye için Ulusal Zehir Danışma Merkezi/doktor/hastane ile irtibata geçin.

Kirlenen giysileri ve ayakkabıları derhal çıkarın. Malzeme ile temas eden cilt su ve sabun ile iyice yıkanmalıdır. Cilt temizleyicisi kullanılmalıdır. Çözücü veya inceltici KULLANILMAMALIDIR.

Ciltte tahriş söz konusu ise: Tıbbi yardım/müdahale alın.

Göz ile temas:

Gözle teması halinde: Gözlerinizi en az 30 dakika boyunca suyla (20-30 °C) yıkayın ve tahriş geçene kadar devam edin. Kontakt lenslerinizi çıkarın. Göz kapaklarının altlarını yıkadığınızdan emin olun. Derhal doktora başvurun. Hemen tıbbi yardım alın ve nakliye sırasında yıkamaya devam edin.

Yutma:

Yutulma durumunda derhal doktora başvurun. Eğer kişinin bilinci açık ise su verin. Doktor önermediği takdirde kusturmaya ÇALIŞMAYIN. Kusmuşun ağız ve geniz bölgesine gitmesini engellemek için başını yere dönük tutun. Nefes almıyor ise suni teneffüs yapın. Bilinç kapalı ise yaralanan kişiyi yana doğru çevirin ve yukarıda kalan bacağını hem diz hem de kalçadan bükün. Ambulans çağırın.

Yanıklar:

Uygulanamaz.

4.2. Akut ve sonradan görülen önemli belirtiler ve etkiler

Doku hasarı etkileri: Bu ürün çürümeye neden olan maddeler içermektedir. Buhar veya aerosoller solunursa akciğerlere hasar verebilir, solunum organlarında tahriş ve yanıklara ve öksürmeye neden olabilir. Çürütücü maddeler gözlere kalıcı hasar verebilir ve ciltte asit yanıklarına neden olabilir.

4.3. Tıbbi müdahale ve özel tedavi gereği için ilk işaretler

Maruz kalınma veya etkileşme halinde:

Hemen tıbbi tavsiye/müdahale alın.

Doktorlar için bilgiler

Bu güvenlik belgesini veya malzemenin etiketini yanınıza alın.

BÖLÜM 5: YANGIN ÖNLEMLERİ

5.1. Yangın söndürücüler

Uygulanamaz.

5.2. Madde veya karışımdan kaynaklanan özel zararlar

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)

5.3. Yangın söndürme ekipleri için tavsiyeler

Teması engellemek için müstakil solunum cihazı ve koruyucu giysi kullanın.

BÖLÜM 6: KAZARA SALINIMA KARSI ÖNLEMLER

6.1. Kişisel önlemler, koruyucu donanım ve acil durum prosedürleri

Dökülen maddelere doğrudan dokunmaktan kaçınin.

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, diyatumlu 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

Ürün ile doğrudan temastan kaçınin.

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

Açılan konteynerler dikkatlice yeniden mühürlenmeli ve sızıntıyı engellemek için dik konumda tutulmalıdır.

Ambalaj uygunlukları:

Sadece orijinal paketi içerisinde tutun.

Depolama koşulları:

Kuru, serin ve iyi havalandırılmış

Kaçınılması gereken maddeler:

Sadece orijinal paketi içerisinde tutun.

7.3. Belirli son kullanımlar

Bu ürün sadece bölüm 1.2'de belirtilen uygulamalar için kullanılmalıdır.

BÖLÜM 8: MARUZ KALMA KONTROLLERİ/KISISEL KORUMA

8.1. Kontrol parametreleri

Ürün, çalışma alanı maruz kalma limitli madde olarak Türkiye listesinde bulunan maddeler içermez.

DNEL

D-Glucopyranose, oligomers, decyloctyl glycoside

Süresi:	Maruz kalma şekli:	DNEL:
Uzun Vade - sistemik etkiler - genel nüfus	Ağız yolu	35.7 mg/kg/gün

Uzun Vade - Sistemik Etkiler - Çalışanlar	Cilt yolu	595000 mg/kg/gün
Uzun Vade - sistemik etkiler - genel nüfus	Cilt yolu	357000 mg/kg/gün
Uzun Vade - Sistemik Etkiler - Çalışanlar	Solunum yolu	420 mg/m ³
Uzun Vade - sistemik etkiler - genel nüfus	Solunum yolu	124 mg/m ³

PNEC

D-Glucopyranose, oligomers, decyloctyl glycoside

Maruz kalma şekli:	Maruz Kalma Süresi:	PNEC:
Aralıklı serbest bırakma (temiz su)		270 µg/L
Atık su Arıtma Tesisi		560 mg/L
Deniz suyu		17.6 µg/L
deniz suyu tortusu		152 µg/kg
Predatorler		111.11 mg/kg
Temiz su		176 µg/L
Temiz su tortusu		1.516 mg/kg
toprak		654 µg/kg

8.2. Maruz kalma kontrolleri

Gereksiz maruziyeti önlemek için genel kontrol işlemi gerçekleştirin.

Genel öneriler:

Çalışma alanları içerisinde sigara içilmesi, yiyecek veya içecek tüketimi, tütün, yiyecek veya içeceklerin depolanmasına izin verilmez.

Maruz kalma senaryoları:

Bu ürün için uygulanan hiçbir maruz kalma senaryosu bulunmamaktadır.

Maruz kalma sınırları:

Bu ürün içerisinde bulunan maddeler için maksimum maruz kalma limiti yoktur.

İlgili teknik önlemler:

Göz banyosu istasyonlarının ve göz duşlarının kolayca ulaşılabilir bir yerde olduğundan emin olun. Ürünün kullanımı sırasında standart tedbirleri uygulayın. Buharı solumaktan kaçının.

Hijyen önlemleri:

Bu ürünü kullanırken ara verdiğinizde ve ürünü kullanmayı tamamladığınızda, vücudun açıkta olan tüm yerleri yıkanmalıdır. Ellerinize, kollarınızın ön kısımlarına ve yüzünüze özellikle dikkat edin.

Çevresel maruz kalmayı engellemek üzere önlemler:

İşyeri çevresinde set oluşturabilecek malzemeler kullanın. Mümkünse çalışma sırasında dökülenleri toplayın.

Kişisel koruma ekipmanları gibi bireysel koruma önlemleri

Genel:

Kirlenmiş giysilerinizi yeniden kullanmadan önce yıkayın. Sadece CE işaretli koruyucu ekipmanları kullanınız.

Solunma ekipmanı:

Tipi	Sınıf	Renk	Standartlarına	
Uygun havalandırma durumunda solunum koruma cihazının kullanılması gerekmez				

Cildin korunması:

Önerilen	Tip/Kategori	Standartlarına	
Amacına uygun kullanıldığında özel durum yoktur	-	-	

Ellerin korunması:

Malzeme	Minimum tabaka kalınlığı (mm)	Delinme süresi (dakika)	Standartlarına	
Nitril lastik	0.4	> 480	EN374-2, EN374-3, EN388	

Gözlerin korunması:

Tipi	Standartlarına	
Yan siperleri olan koruyucu gözlük takın.	EN166	

BÖLÜM 9: FİZİKSEL VE KİMYASAL ÖZELLİKLER

9.1. Temel fiziksel ve kimyasal özellikler hakkında bilgi

Sekil:

Sıvı

Renk:

Kahverengi

Koku / Koku eşiği (ppm):

Karakteristik

pH:

ca. 1.6

Yogunluk (g/cm³):

1,05 (20 °C)

Kinematik vizkosite:

Ürünün doğası gereği ilgili veya mevcut veri yoktur

Partikül özellikleri:

Sıvılar uygulanmaz

Hal değişimlikleri

Erime noktası/Donma noktası (°C):

Ürünün doğası gereği ilgili veya mevcut veri yoktur

Yumuşama noktası/aralığı (°C):

Sıvılar uygulanmaz

Kaynama noktası (°C):

Ürünün doğası gereği ilgili veya mevcut veri yoktur

Buhar basıncı:

Ürünün doğası gereği ilgili veya mevcut veri yoktur

Bağıl buhar yoğunluğu:

Ürünün doğası gereği ilgili veya mevcut veri yoktur

Bozunma sıcaklığı (°C):

Ürünün doğası gereği ilgili veya mevcut veri yoktur

Yangın ve patlama tehlikeleri ile ilgili veriler

Parlama noktası (°C):

Ürünün doğası gereği ilgili veya mevcut veri yoktur

Alevlenirlik (°C):

Ürünün doğası gereği ilgili veya mevcut veri yoktur

Kendi kendine yanma noktası (°C):

Ürünün doğası gereği ilgili veya mevcut veri yoktur

Patlama sınırları (% v/v):

Ürünün doğası gereği ilgili veya mevcut veri yoktur

Çözünürlük

Suda çözünürlük:

Tamamen çözünür

n-oktanol/su katsayısı (LogKow):

Ürünün doğası gereği ilgili veya mevcut veri yoktur

Yağda çözünürlük (g/L):

Ürünün doğası gereği ilgili veya mevcut veri yoktur

9.2. Diğer bilgiler

Diğer fiziksel ve kimyasal parametreler:

ND: 1.354

Oksitleyici özellikler:

Ürünün doğası gereği ilgili veya mevcut veri yoktur

BÖLÜM 10: KARARLILIK VE REAKTİFLİK

10.1. Tepkime

Veri bulunmamaktadır.

10.2. Kimyasal kararlılık

Ürün 7, "Taşıma ve depolama" bölümünde belirtilen koşullar altında durağandır.

10.3. Zararlı tepkime olasılığı

Hiçbiri bilinmiyor.

10.4. Kaçınılması gereken durumlar

Hiçbiri bilinmiyor.

10.5. Kaçınılması gereken maddeler

Sadece orijinal paketi içerisinde tutun.

10.6. Zararlı bozunma ürünleri

Termal ayrışım, korozif buhar üretebilir.

BÖLÜM 11: TOKSİKOLOJİK BİLGİLER

11.1. Toksik etkiler hakkında bilgi

Akut toksik

Ürün/içerik	D-Glucopyranose, oligomers, decyloctyl glycoside
Test metodu:	OECD 401
Tür:	Sıçan
Maruz kalma şekli:	Ağız yolu
Test:	LD50
Sonuç:	> 5.000 mg/kg

Ürün/içerik	D-Glucopyranose, oligomers, decyloctyl glycoside
Test metodu:	OECD 402
Tür:	Tavşan
Maruz kalma şekli:	Cilt yolu
Test:	LD50
Sonuç:	> 2000 mg/L

Cilt asınması/tahris

Ürün/içerik	D-Glucopyranose, oligomers, decyloctyl glycoside
Sonuç:	Hiçbir yan etki gözlenmemiştir (Tahriş edici değildir)

Ciddi cilt yanıklarına ve göz hasarına yol açar.

Ciddi göz hasarları/tahrişi

Ürün/içerik D-Glucopyranose, oligomers, decyloctyl glycoside
Sonuç: Yan etki gözlemlenmiştir (Ciddi göz hasarına yol açar)

Ciddi göz hasarına yol açar.

Solunum yolları hassaslaşması

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Cilt hassaslaşması

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Hastalıklı 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 - tekrarlı maruz kalma

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

Aspirasyon tehlikesi

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

11.2. Diğer tehlikelere ilişkin bilgiler

Uzun vadeli etkiler

Doku hasarı etkileri: Bu ürün çürümeye neden olan maddeler içermektedir. Buhar veya aerosoller solunursa akciğerlere hasar verebilir, solunum organlarında tahriş ve yanıklara ve öksürmeye neden olabilir. Çürütücü maddeler gözlere kalıcı hasar verebilir ve ciltte asit yanıklarına neden olabilir.

Endokrin bozucu özellikler

Bu karışım/ürün, sağlıkla ilgili hormon bozucu özelliklere sahip olduğu düşünülen herhangi bir madde içermemektedir.

Diğer bilgiler

Hiçbiri bilinmiyor.

BÖLÜM 12: EKOLOJİK BİLGİLER

12.1. Toksikite

Ürün/içerik D-Glucopyranose, oligomers, decyloctyl glycoside
Test metodu: DIN EN ISO 7346-2
Tür: Balık, Brachydanio rerio
Test: LC50
Sonuç: > 100 mg/L

Ürün/içerik D-Glucopyranose, oligomers, decyloctyl glycoside
Test metodu: OECD 202
Tür: Daphnia magna
Test: EC50
Sonuç: > 100 mg/L

Ürün/içerik D-Glucopyranose, oligomers, decyloctyl glycoside
Tür: Scenedesmus subspicatus
Test: EC50
Sonuç: > 10 - 100 mg/L

Ürün/içerik D-Glucopyranose, oligomers, decyloctyl glycoside
Test metodu: OECD 209
Tür: Pseudomonas putida

Test: ECO
Sonuç: > 100 mg/l mg/L

Ürün/içerik: D-Glucopyranose, oligomers, decyloctyl glycoside
Test metodu: OECD 204
Tür: Balık, Brachydanio rerio
Sonuç: > 1 - 10 mg/L

Ürün/içerik: D-Glucopyranose, oligomers, decyloctyl glycoside
Test metodu: OECD 202
Tür: Daphnia magna
Test: NOEC
Sonuç: > 1 - 10 mg/L

12.2. Kalıcılık ve bozunabilirlik

Ürün/içerik: D-Glucopyranose, oligomers, decyloctyl glycoside
Sonuç: Kolay biyobozunabilirlik

Bu preparat içerisinde bulunan sürfaktan(lar) deterjanlarla ilgili Düzenleme (EC) No.648/2004'te belirtilen biyolojik olarak çözünebilirlik kriterleri ile uyumludur. Bu beyanı destekleyen veriler Üye Ülkeler'in yetkili otoritelerine sunulmaktadır ve doğrudan talepleri veya bir deterjan üreticisinin talebi üzerine sağlanabilir.

12.3. Biyobirikim potansiyeli

Mevcut veriler sınıflandırma kriterlerini karşılamıyor.

12.4. Toprakta hareketlilik

Veri bulunmamaktadır.

12.5. PBT ve vPvB değerlendirmesinin sonuçları

Bu karışım/ürün, PBT ve/veya vPvB sınıfı kapsamında değerlendirilen herhangi bir ürün içermez.

12.6. Endokrin bozucu özellikler

Bu karışım/ürün, çevreyle ilgili endokrin bozucu özelliklere sahip olduğu düşünülen herhangi bir madde içermemektedir.

12.7. Diğer olumsuz etkiler

Hiçbiri bilinmiyor.

BÖLÜM 13: ATIKLARIN ATILMASI İLE İLGİLİ HUSUSLAR

13.1. Atık işleme yöntemleri

Bu ürün tehlikeli atık düzenlemeleri kapsamındadır. (*)

HP 8 - Aşındırıcı

İçeriği/kabı onaylı bir atık bertaraf tesisine bertaraf edin.

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 29*

Tehlikeli maddeler içeren deterjanlar

Bulasmis ambalaj

Ürünün artıklarının bulunduğu ambalaj malzemeleri ürün ile aynı şekilde atılmalıdır.

BÖLÜM 14: TASIMACILIK BİLGİLERİ

	14.1 UN	14.2 İsim ve tanım	14.3 Sınıf	14.4 PG*	14.5. Env**	Diğer bilgiler:
ADR	UN3265	AŞINDIRICI SIVI, ASİDİK, ORGANİK, B.B.B.	Sınıf: 8 Etiketler: 8 Sınıflandırma Kodu: C3	III	Hayır	Sınırlı miktarlar: 5 L Tünel

	14.1 UN	14.2 İsim ve tanım	14.3 Sınıf	14.4 PG*	14.5. Env**	Diger bilgiler:
						kısıtlama kodu: (E) Ek bilgi için aşağıya bakın.
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Paketleme grubu

** Çevresel zararlar

Ek bilgiler

Bu ürün tehlikeli maddeler ile ilgili düzenlemeler tarafından kapsamaktadır.

ADR / Taşıma ile ilgili özel hükümler, gereksinimler veya uyarılar hakkında bilgi için Tablo A, Bölüm 3.2.1'e bakınız. Taşıma sırasında meydana gelen olaylar veya kazalarla ilgili zararların azaltılmasına ilişkin yazılı talimatlar için bölüm 5.4.3'e bakınız.

14.6. Kullanıcı için özel önlemler

Uygulanamaz.

14.7. MARPOL 73/78 ek II ve IBC koduna göre toplu taşımacılık

Veri bulunmamaktadır.

BÖLÜM 15: MEVZUAT BİLGİLERİ

15.1. Madde veya karışıma özgü güvenlik, sağlık ve çevre mevzuatı

Uygulama ile ilgili sınırlamalar:

Sadece profesyonel kullanıcılar içindir.

18 yaşından küçük kişiler bu ürüne maruz bırakılmamalıdır.

Özel eğitim talepleri:

Belirli gereksinimler yoktur.

SEVESO - Tehlikeli maddelerin zararlılık kategorileri / Adlandırılmış tehlikeli maddeler:

Uygulanamaz.

DETERJANLAR HAKKINDA YÖNETMELİK göre içeriğin etiketlenmesi:

5% - 15%

· İyonik olmayan sürfaktanlar

Ek bilgiler:

Bu preparat içerisinde bulunan sürfaktan(lar) deterjanlarla ilgili Düzenleme (EC) No.648/2004'te belirtilen biyolojik olarak çözünebilirlik kriterleri ile uyumludur. Bu beyanı destekleyen veriler Üye Ülkeler'in yetkili otoritelerine sunulmaktadır ve doğrudan talepleri veya bir deterjan üreticisinin talebi üzerine sağlanabilir.

Kaynaklar:

İş yerinde gençlerin korunmasına ilişkin 22 Haziran 1994 tarih ve 94/33/EC sayılı Konsey Direktifi.

DETERJANLAR HAKKINDA YÖNETMELİK. Resmî Gazete Sayı : 30314 (Ocak 2018)

18 Aralık 2014 tarih ve 1357/2014 sayılı Komisyon Yönetmeliği (AB), Avrupa Parlamentosu ve Konsey'inin atıklarla ilgili 2008/98/EC Yönergesinin Ek III'ünün yerini almıştır.

11/12/2013 tarihli ve 28848 MADDELERİN VE KARIŞIMLARIN SINIFLANDIRILMASI, ETİKETLENMESİ VE AMBALAJLANMASI HAKKINDA YÖNETMELİK

23/06/2017 tarihli ve 30105 KİMYASALLARIN KAYDI, DEĞERLENDİRİLMESİ, İZİNİ VE KISITLANMASI HAKKINDA YÖNETMELİK.

15.2. Kimyasal güvenlik değerlendirilmesi

Hayır

BÖLÜM 16: DİĞER BİLGİLER

Bölüm 3'te belirtilen H terimlerinin tam metni

- H290, Metalleri aşındırabilir.
- H314, Ciddi cilt yanıklarına ve göz hasarına yol açar.
- H315, Cilt tahrişine yol açar.
- H318, Ciddi göz hasarına yol açar.
- H319, Ciddi göz tahrişine yol açar.
- H335, Solunum yolu tahrişine yol açabilir.

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 Toksikite - Tekrarlanan Maruziyet
- STOT-SE = Özel Organ Hedefli Toksikite - Tek Maruziyet
- TWA = Zaman ağırlıklı ortalama
- UOB = Uçucu Organik Bileşikler
- UVCB = Bilinmeyen veya değişken bileşim, kompleks reaksiyon ürünleri veya biyolojik malzemeler
- vPvB = Çok Kalıcı ve Çok Biyobirikimli

Ek bilgiler

- Sağlık riski yönünden karışımın sınıflandırılması, 1272/2008 (CLP) numaralı (EC) Düzenlemesi tarafından hesaplama metodları ile uyumludur.
- Cilt korozyonu ve ciddi göz zedelenmesi yönünden karışımın sınıflandırılması, 1272/2008 (CLP) numaralı (EC) Düzenlemesi tarafından pH-kriterleri ile uyumludur

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 kullanıcılarına teslim edilmesi önerilir. Bu güvenlik bilgi formu içerisindeki bilgiler ürün spesifikasyonu olarak kullanılamaz.
- Ülke-dil: TR-tr

SAFETY DATA SHEET

i.23 descaler foam

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name:

i.23 descaler foam

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:

2/12/2025

SDS Version:

1.0

1.4. Emergency telephone number

Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL® (triage.webpoisoncontrol.org) to get specific guidance for your case
See also section 4 "First aid measures".

SECTION 2: HAZARD(S) IDENTIFICATION

OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s):

General:

-

Prevention:

Do not breathe vapour/mist. (P260)

Wear eye protection/protective gloves. (P280)

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. (P301+P330+P331)

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

Storage:

-

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Additional labelling:

Not applicable.

2.3. Other hazards

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
D-Glucopyranose, oligomers, decyloctyl glycoside	CAS No.: 68515-73-1	5-10%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[19]
Urea hydrochloride	CAS No.: 506-89-8	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
sodium hydroxide; caustic soda	CAS No.: 1310-73-2	<0.05%	Met. Corr. 1, H290 Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Dam. 1, H318 Eye Irrit. 2, H319 (SCL: 0.50 %)	

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

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

General information:

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

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

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns:

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

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)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Poison Help Line on 1-800-222-1222 (24/7) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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 direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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:

Ensure that eyewash stations and safety showers are located within easy reach.
Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

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

Measures to avoid environmental exposure:

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Wash contaminated clothing before reuse.
Use only protective equipment with a recognized certification mark, e.g. the UL mark.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	

Eye protection:

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Color:

Brown

Odor:

Characteristic

Odor threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No relevant or available data due to the nature of the product.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/freezing point (°F):

No relevant or available data due to the nature of the product.

Softening point/range (°F):

Does not apply to liquids.

Boiling point (°F):

No relevant or available data due to the nature of the product.

Vapor pressure:

No relevant or available data due to the nature of the product.

Relative vapor density:

No relevant or available data due to the nature of the product.

Decomposition temperature (°F):

No relevant or available data due to the nature of the product.

Data on fire and explosion hazards

Flash point (°F):

No relevant or available data due to the nature of the product.

Flammability (°F):

No relevant or available data due to the nature of the product.

Auto-ignition temperature (°F):

No relevant or available data due to the nature of the product.

Explosion limits (% v/v):

No relevant or available data due to the nature of the product.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No relevant or available data due to the nature of the product.

Solubility in fat (g/L):

No relevant or available data due to the nature of the product.

9.2. Other information

Other physical and chemical parameters:

ND: 1.354

Oxidizing properties:

No relevant or available data due to the nature of the product.

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

Keep only in original packaging.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Skin corrosion/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose, oligomers, decyloctyl glycoside
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: DIN EN ISO 7346-2
 Species: Fish, Brachydanio rerio
 Test: LC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: EC50
 Result: > 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Species: Scenedesmus subspicatus
 Test: EC50
 Result: > 10 - 100 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 209
 Species: Pseudomonas putida
 Test: EC0
 Result: > 100 mg/l mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 204
 Species: Fish, Brachydanio rerio
 Result: > 1 - 10 mg/L

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Test method: OECD 202
 Species: Daphnia magna
 Test: NOEC
 Result: > 1 - 10 mg/L

12.2. Persistence and degradability

Product/substance D-Glucopyranose,oligomers,decyloctyl glycoside
 Conclusion: Readily biodegradable

12.3. Bioaccumulative potential

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

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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

DOT / See § 172.101 Hazardous Materials Table for any information on special provisions, requirements, or warnings in connection with transport. See § 172.602, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

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):

D-Glucopyranose, oligomers, decyloctyl glycoside is listed

Urea hydrochloride 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 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:

None of the components are listed

New York / Right To Know Act:

None of the components are listed

Pennsylvania / Right To Know Act:

None of the components are listed

15.4. Restrictions for application

Restricted to professional users.

15.5. Demands for specific education

No specific requirements.

15.6. Additional information

Not applicable.

15.7. Chemical safety assessment

No

15.8. Sources

OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H290, May be corrosive to metals.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory 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

HCS = 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

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by HCS (29 CFR 1910.1200).

The classification of the mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by HCS (29 CFR 1910.1200).

The safety data sheet is validated by

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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