

## SAFETY DATA SHEET

## glenta Håndopvask Uparfumeret

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

## 1.1. Product identifier

Trade name	glenta Håndopvask Uparfumeret
Other names / Synonyms	glenta Hand dish wash without perfume
Product no.	2147834
Unique formula identifier (UFI)	9UP9-3FFK-6N0A-5F7X

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

Relevant identified uses of the substance or mixture	Cleaning product
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Product code (A.I.S.E.)	<b>Code</b>	
	AISE-P201 / Dishwash product. Manual process.	
Use descriptors (REACH)	<b>Sectors of use</b>	<b>Description</b>
	LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
	<b>Product category</b>	<b>Description</b>
	PC 35	Washing and Cleaning Products (including solvent based products)
Uses advised against	<b>Process category</b>	<b>Description</b>
		No advice against.

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

Company and address	<b>Stadsing A/S</b> Østre Fælledvej 13 9400 Nørresundby Denmark +45 7015 3400
Contact person	Rune Larsen
E-mail	purchase@stadsing.dk
Revision	5/4/2023
SDS Version	1.0
Date of previous version	3/20/2023 (1.0)

## 1.4. Emergency telephone number


Contact the poison hotline: +45 82 12 12 12 (24 hour service)  
See section 4 "First aid measures".

## SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

Eye Irrit. 2; H319, Causes serious eye irritation.

## 2.2. Label elements

<b>Hazard pictogram(s)</b>	
<b>Signal word</b>	Warning
<b>Hazard statement(s)</b>	Causes serious eye irritation. (H319)
<b>Precautionary statements</b>	
<b>General</b>	Keep out of reach of children. (P102)
<b>Prevention</b>	Wear eye protection/protective gloves. (P280)
<b>Response</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338) If eye irritation persists: Get medical advice/attention. (P337+P313)
<b>Storage</b>	-
<b>Disposal</b>	-
<b>Hazardous substances</b>	Alcohols, C12-14, ethoxylated, sulfates, sodium salts 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts Alcohols, C12-14, ethoxylated
<b>Additional labelling</b>	UFI: 9UP9-3FFK-6N0A-5F7X
<b>2.3. Other hazards</b>	
<b>Additional warnings</b>	This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB. 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) 2018/605.

## 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
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3 EC No.: 500-234-8 REACH: 01-2119488639-16-xxxx Index No.:	5-10%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Aquatic Chronic 3, H412	
Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated	CAS No.: 85536-23-8 EC No.: 932-164-2 REACH: 01-2119565130-50-xxxx Index No.:	1-3%	Skin Irrit. 2, H315 Aquatic Chronic 3, H412	
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts	CAS No.: 61789-40-0 EC No.: 263-058-8 REACH: 01-2119488533-30 Index No.:	1-3%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 4.00 %) Aquatic Chronic 3, H412	
Alcohols, C12-14, ethoxylated	CAS No.: 68439-50-9 EC No.: 500-213-3 REACH: polymer Index No.:	1-3%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 1.00 %) Aquatic Chronic 3, H412	

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

## Other information

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

5% - 15%

· Anionic surfactants

&lt; 5%

· Amphoteric surfactants

· Non-ionic surfactants

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>General information</b>	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.
<b>Inhalation</b>	Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.
<b>Skin contact</b>	Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.
<b>Eye contact</b>	Upon irritation of the eye: Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.
<b>Ingestion</b>	If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
<b>Burns</b>	Not applicable.

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

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

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

If eye irritation persists: Get 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:

Halogenated compounds

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

Some metal oxides

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the chemical emergency services on 45 90 60 00 (24 h service) in order to obtain further advice.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

No specific requirements.

**6.2. Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

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**

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 temperature** Dry, cool and well ventilated  
Room temperature 18 to 23°C

**Incompatible materials** No specific requirements

**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**

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Systemic effects - General population	Dermal	7,5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	12,5 µg/kgbw/day
Long term – Systemic effects - Workers	Inhalation	44 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	7,5 mg/kg bw/day

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Local effects - General population	Dermal	79 µg/cm <sup>2</sup>
Long term – Local effects - Workers	Dermal	132 µg/cm <sup>2</sup>
Long term – Systemic effects - General population	Dermal	1650 mg/kgbw/day
Long term – Systemic effects - Workers	Dermal	2750 mg/kgbw/day

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

Long term – Systemic effects - General population	Inhalation	52 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	175 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	15 mg/kgbw/day

#### Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	1 mg/kgbw/day
Long term – Systemic effects - Workers	Dermal	2 mg/kgbw/day
Long term – Systemic effects - General population	Inhalation	1,74 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	7,05 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	1 mg/kgbw/day

### PNEC

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		1,35 µg/L
Freshwater sediment		1 mg/kg
Marine water		0,13 µg/L
Marine water sediment		0,1 mg/kg
Sewage treatment plant		3000 mg/L
Soil		0,8 mg/kg

#### Alcohols, C12-14, ethoxylated

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		74.5 µg/L
Freshwater sediment		66.67 mg/kg
Intermittent release (freshwater)		4 µg/L
Intermittent release (marine water)		400 ng/L
Marine water		7.5 µg/L
Marine water sediment		6.66 mg/kg
Sewage treatment plant		10 g/L
Soil		1 mg/kg

#### Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,24 mg/L
Freshwater sediment		0,917 mg/kg
Marine water		0,024 mg/L
Marine water sediment		0,092 mg/kg
Sewage treatment plant		10 g/L
Soil		7,5 mg/kg

#### Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,0115 mg/L
Freshwater sediment		7,395 mg/kg
Marine water		0,00115 mg/L

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

Marine water sediment	0,741 mg/kg
Sewage treatment plant	100 mg/L
Soil	1,47 mg/kg

## 8.2. Exposure controls

Control is unnecessary if the product is used as intended.

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

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

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

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

**Hygiene measures** In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

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

## Individual protection measures, such as personal protective equipment

**Generally** Only CE-marked personal protection equipment should be used.  
Use only CE marked protective equipment.

### Respiratory Equipment

Type	Class	Colour	Standards
No special when used as intended.			

### Skin protection

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

### Hand protection

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN374-3, EN388



### Eye protection

Work situation	Type	Standards
When there is risk of splash- / intermittent exposure	Safety glasses	EN166



## SECTION 9: Physical and chemical properties

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

Physical state	Gel
Colour	Colourless
▼ Odour / Odour threshold	Without perfume
pH	9,5
Density (g/cm³)	1 (20 °C)
Relative density	1 (20 °C)

Kinematic viscosity	No data available
Particle characteristics	Testing not relevant or not possible due to nature of the product.
<b>Phase changes</b>	
Melting point/Freezing point (°C)	Testing not relevant or not possible due to nature of the product.
Softening point/range (waxes and pastes) (°C)	Does not apply to liquids.
Boiling point (°C)	Testing not relevant or not possible due to nature of the product.
Vapour pressure	Testing not relevant or not possible due to nature of the product.
Relative vapour density	Testing not relevant or not possible due to the nature of the product.
Decomposition temperature (°C)	Testing not relevant or not possible due to nature of the product.
<b>Data on fire and explosion hazards</b>	
Flash point (°C)	Testing not relevant or not possible due to nature of the product.
Flammability (°C)	Testing not relevant or not possible due to nature of the product.
Auto-ignition temperature (°C)	Testing not relevant or not possible due to nature of the product.
Lower and upper explosion limit (% v/v)	Testing not relevant or not possible due to the nature of the product.
<b>Solubility</b>	
Solubility in water	Completely soluble
n-octanol/water coefficient	No data available
Solubility in fat (g/L)	Testing not relevant or not possible due to nature of the product.
<b>9.2. Other information</b>	
Evaporation rate (n-butylacetate = 100)	Testing not relevant or not possible due to nature of the product.
Other physical and chemical parameters	No data available.
▼ Oxidizing properties	Testing not relevant or not possible due to 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**  
No specific requirements
- 10.6. Hazardous decomposition products**  
The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

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

#### Acute toxicity

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 401
Species:	Rat

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

Route of exposure: Oral  
 Test: LD50  
 Result: >2.000-5.000 mg/kg  
 Other information: Literature study

Product/substance Alcohols, C12-14, ethoxylated, sulfates, sodium salts  
 Test method: OECD 402  
 Species: Rat  
 Route of exposure: Dermal  
 Test: LD50  
 Result: >2.000 mg/kg  
 Other information: Literature study

Product/substance Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated  
 Test method: OECD 401  
 Species: Rat  
 Route of exposure: Oral  
 Test: LD50  
 Result: >2000 mg/kg

Product/substance Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated  
 Test method: OECD 402  
 Species: Rat  
 Route of exposure: Dermal  
 Test: LD50  
 Result: >2000 mg/kg

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts  
 Species: Rat  
 Route of exposure: Oral  
 Test: LD50  
 Result: 2335 mg/kg

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts  
 Species: Rat  
 Route of exposure: Dermal  
 Test: LD50  
 Result: >2000 mg/kg

Product/substance Alcohols, C12-14, ethoxylated  
 Species: Rat  
 Route of exposure: Oral  
 Test: LD50  
 Result: >2000 mg/kg

Product/substance Alcohols, C12-14, ethoxylated  
 Species: Rat  
 Route of exposure: Dermal  
 Test: LD50  
 Result: >2000 mg/kg

### Skin corrosion/irritation

Product/substance Alcohols, C12-14, ethoxylated, sulfates, sodium salts  
 Test method: OECD 404  
 Species: Rabbit  
 Duration:  
 Result: Adverse effect observed (Irritating)

Product/substance Alcohols, C12-14, ethoxylated, sulfates, sodium salts  
 Test method: OECD 431



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

Species:	Human
Duration:	
Result:	No adverse effect observed (Not corrosive)
Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Species:	
Duration:	
Result:	
Other information:	Irritates the skin
Product/substance	Alcohols, C12-14, ethoxylated
Species:	Rabbit
Duration:	
Result:	No adverse effect observed (Not irritating)

### Serious eye damage/irritation

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 405
Species:	Rabbit
Duration:	
Result:	Adverse effect observed (Causes serious eye irritation) >5%<10%
Other information:	Literature study

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 405
Species:	Rabbit
Duration:	
Result:	Adverse effect observed (Causes serious eye damage)
Other information:	Literature study

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 405
Species:	Rabbit
Duration:	
Result:	No adverse effect observed (Not irritating)
Other information:	Literature study

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Species:	
Duration:	
Result:	
Other information:	Splashes in the eyes can cause discomfort

Product/substance	Alcohols, C12-14, ethoxylated
Species:	Rabbit
Duration:	
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	Alcohols, C12-14, ethoxylated
Species:	Rabbit
Duration:	
Result:	Adverse effect observed (Irritating)

Causes serious eye irritation.

### Respiratory sensitisation

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

### Skin sensitisation

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Product/substance	Alcohols, C12-14, ethoxylated
Species:	
Result:	No adverse effect observed (not sensitising)

Product/substance	Alcohols, C12-14, ethoxylated
Species:	
Result:	
Other information:	Literature study

### Germ cell mutagenicity

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Test method:	OECD 471
Species:	Bacteria, <i>S. typhimurium</i>
Conclusion:	No adverse effect observed

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Test method:	OECD 474
Species:	Mouse, CD1, male
Conclusion:	No adverse effect observed

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Test method:	OECD 473
Species:	Human
Conclusion:	No adverse effect observed

Product/substance	Alcohols, C12-14, ethoxylated
Species:	
Conclusion:	Adverse effect observed
Other information:	Literature study

### Carcinogenicity

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Species:	
Route of exposure:	
Target organ:	
Duration:	
Test:	
Result:	
Conclusion:	
Other information:	No available data

Product/substance	Alcohols, C12-14, ethoxylated
Species:	
Route of exposure:	
Target organ:	
Duration:	
Test:	
Result:	
Conclusion:	No adverse effect observed
Other information:	Literature study

### Reproductive toxicity

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 416
Species:	Rat
Duration:	
Test:	

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

Result:  
Conclusion: No adverse effect observed

Product/substance Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated  
Species:  
Duration:  
Test:  
Result:  
Conclusion:  
Other information: Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Product/substance Alcohols, C12-14, ethoxylated  
Species:  
Duration:  
Test:  
Result:  
Conclusion: No adverse effect observed  
Other information: Literature study

### STOT-single exposure

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

### STOT-repeated exposure

Product/substance Alcohols, C12-14, ethoxylated, sulfates, sodium salts  
Test method: OECD 408  
Species: Rat  
Route of exposure: Oral  
Target organ: Liver  
Duration: 90 days  
Test: NOAEL  
Result: >225 mg/kg  
Conclusion: Adverse effect observed

Product/substance Alcohols, C12-14, ethoxylated  
Species: Rat  
Route of exposure: Oral  
Target organ: Heart  
Duration: 24 months  
Test: NOAEL  
Result: 50 mg/kg bw/day  
Conclusion: Adverse effect observed

### Aspiration hazard

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

## 11.2. Information on other hazards

### Long term effects

Irritation effects: This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

### Endocrine disrupting properties

Product/substance Alcohols, C12-14, ethoxylated  
Species:  
Duration:  
Test:  
Result:  
Conclusion:  
Other information: Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

### Other information

None known.

## SECTION 12: Ecological information

## 12.1. Toxicity

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	
Test:	IC50
Result:	>1-10 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 204
Species:	Fish, Oncorhynchus mykiss
Duration:	28 days
Test:	NOEC
Result:	0,14 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 211
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	0,27 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 202
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	>1-10 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	>10-100 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	0,93 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Species:	Bacteria, Pseudomonas putida
Duration:	
Test:	EC10
Result:	>10000 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 222 - Earthworm reproduction test
Species:	Earthworm, Eisenia fetida
Duration:	56 days
Test:	NOEC
Result:	750 mg/kg

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Test method:	OECD 203

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

Species:	Fish
Compartment:	Water
Duration:	96 hours
Test:	LC50
Result:	4,2 mg/L
Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Test method:	OECD 202
Species:	Daphnia
Compartment:	Water
Duration:	48 hours
Test:	EC50
Result:	9,5 mg/L
Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Test method:	OECD 201
Species:	Algae, Scenedesmus subspicatus
Compartment:	Water
Duration:	72 hours
Test:	EC50
Result:	410 mg/L
Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
Species:	Fish
Duration:	
Test:	LC50
Result:	1,1 mg/L
Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
Species:	Crustacean
Duration:	
Test:	EC50
Result:	1,9 mg/L
Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
Species:	Algae
Duration:	
Test:	EC50
Result:	2,4 mg/L
Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
Species:	
Duration:	
Test:	NOEC
Result:	0,135 mg/L
Product/substance	Alcohols, C12-14, ethoxylated
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	> 0,1 - 1 mg/L
Product/substance	Alcohols, C12-14, ethoxylated
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	> 0,1 - 1 mg/L

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

Product/substance	Alcohols, C12-14, ethoxylated
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	> 0,1 - 1 mg/L

Product/substance	Alcohols, C12-14, ethoxylated
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EC10
Result:	0,1 - 1 mg/L

Product/substance	Alcohols, C12-14, ethoxylated
Species:	Bacteria
Duration:	
Test:	EC50
Result:	140 mg/L

## 12.2. Persistence and degradability

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Biodegradable:	Yes
Test method:	OECD 301 A
Result:	> 70 %

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Biodegradable:	Yes
Test method:	
Result:	81 % (56 d.)

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
Biodegradable:	Yes
Test method:	OECD 301 B
Result:	91,6 %

Product/substance	Alcohols, C12-14, ethoxylated
Biodegradable:	Yes
Test method:	OECD 301 B
Result:	> 60 %

## 12.3. Bioaccumulative potential

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated
Test method:	
Potential bioaccumulation:	Yes
LogPow:	5
BCF:	No data available.
Other information:	

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts
Test method:	
Potential bioaccumulation:	No data available.
LogPow:	4,2
BCF:	71
Other information:	

Product/substance	Alcohols, C12-14, ethoxylated
Test method:	
Potential bioaccumulation:	No

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

LogPow: No data available.  
BCF: No data available.  
Other information:

#### 12.4. Mobility in soil

Alcohols, C12-14, ethoxylated  
LogKoc = 1.85, High mobility potential.

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

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

#### 12.6. Endocrine disrupting properties

Product/substance Alcohols, C12-14, ethoxylated

Species:

Duration:

Test:

Result:

Conclusion:

Other information: Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

#### 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.  
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  
15 01 02 Plastic packaging

#### Specific labelling

Not applicable.

#### Contaminated packing

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

### SECTION 14: Transport information

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

\* Packing group

\*\* Environmental hazards

#### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

#### 14.6. Special precautions for user

Not applicable.

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

No data available.

### SECTION 15: Regulatory information

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

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

Restrictions for application	Restricted to professional users.
Demands for specific education	No specific requirements.
SEVESO - Categories / dangerous substances	Not applicable.
Product registration number	4471126
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. Code number (1993): 00-3
Sources	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. Arbejdstilsynets bekendtgørelse nr. 301 af 13. maj 1993 om fastsættelse af kodenumre med senere ændringer. 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

H315, Causes skin irritation.  
H318, Causes serious eye damage.  
H319, Causes serious eye irritation.  
H412, Harmful to aquatic life with long lasting effects.

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

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)  
PC 35 = Washing and Cleaning Products (including solvent based products)

#### 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  
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  
EWC = European Waste Catalogue  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
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 safety data sheet is validated by

Admin

#### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue 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: DK-en