

## SAFETY DATA SHEET

## glenta Handdisk Eco + Parfymerad

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

## 1.1. Product identifier

Trade name	glenta Handdisk Eco + Parfymerad
Other names / Synonyms	glenta Hand dish wash Eco+ with perfume
Product no.	2147831
Unique formula identifier (UFI)	XPQ9-5F3S-JN0H-7SQ2

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

Relevant identified  
uses of the substance  
or mixture

Cleaning product

Product code (A.I.S.E.)

**Code**

AISE-P201 / Dishwash product. Manual process.

▼ Use descriptors  
(REACH)

**Sectors of use****Description**

LCS "PW"

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

LCS "C"

Consumer uses: Private households (= general public = consumers)

**Product category****Description**

PC 35

Washing and Cleaning Products (including solvent based products)

Uses advised against

**Process category****Description**

No advice against.

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

▼ Company and  
address

**Procurator AB**

Box 9504  
200 39 Malmö  
Sweden  
+46(0)106040000  
www.procurator.com

Contact person

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Revision

5/4/2023

SDS Version

1.0

Date of previous  
version

3/20/2023 (1.0)

## 1.4. Emergency telephone number

In urgent situations: Call 112 and request the poison information centre. (24h service)

In less severe situations: Call 010-456 6700 (24h service)

See also 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

Hazard pictogram(s)



Signal word

Warning

Hazard statement(s)

Causes serious eye irritation. (H319)

Precautionary statements

General

Keep out of reach of children. (P102)

Prevention

Wear eye protection/protective gloves. (P280)

Response

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)

Storage

-

Disposal

-

Hazardous substances

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

Additional labelling

UFI: XPQ9-5F3S-JN0H-7SQ2

## 2.3. Other hazards

Additional warnings

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.:	10-15%	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	
2-(2-ethoxyethoxy)ethanol	CAS No.: 111-90-0 EC No.: 203-919-7	<0.01%		[1]

	REACH: Index No.:		
Diphenyl ether	CAS No.: 101-84-8 EC No.: 202-981-2 REACH: Index No.:	<0.0015%	Eye Irrit. 2, H319 Aquatic Chronic 2, H411

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

### Other information

[1] European occupational exposure limit.

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

5% - 15%

· Anionic surfactants

< 5%

· Amphoteric surfactants

· Non-ionic surfactants

## 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

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

#### Eye contact

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.

#### Ingestion

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

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

#### Burns

Not applicable.

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

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:

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

## 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.

## 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

No specific precautions.

### 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

2-(2-ethoxyethoxy)ethanol

Short term exposure limit (15 minutes) (ppm): 30

Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 170

Long term exposure limit (8 hours) (ppm): 15

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 80

Annotations:

H = The substance is easily absorbed through the skin.

V = Indicative short term limit.

Occupational exposure limits (AFS 2018:1) and later amendment AFS 2020:6 and AFS 2021:3.

## DNEL

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

Duration:	Route of exposure:	DNEL:
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

2-(2-ethoxyethoxy)ethanol

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	0,9 mg/cm <sup>2</sup>
Long term – Local effects - Workers	Dermal	1,5 mg/cm <sup>2</sup>
Long term – Local effects - General population	Inhalation	18 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	30 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	50 mg/kg bw/day

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

Duration:	Route of exposure:	DNEL:
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
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

2-(2-ethoxyethoxy)ethanol

Route of exposure:	Duration of Exposure:	PNEC:
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According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Freshwater		1,98 mg/L
Freshwater sediment		7,32 mg/kg
Marine water		0,198 mg/L
Marine water sediment		0,732 mg/kg
Predators		444 mg/kg
Soil		0,34 mg/kg
<b>Alcohols, C12-14, ethoxylated</b>		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
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
<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
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
<b>Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated</b>		
<b>Route of exposure:</b>	<b>Duration of Exposure:</b>	<b>PNEC:</b>
Freshwater		0,0115 mg/L
Freshwater sediment		7,395 mg/kg
Marine water		0,00115 mg/L
Marine water sediment		0,741 mg/kg
Sewage treatment plant		100 mg/L
Soil		1,47 mg/kg

## 8.2. Exposure controls

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

### General recommendations

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

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

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



### Appropriate technical measures

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

### 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.

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

Measures to avoid environmental exposure	No specific requirements.				
<b>Individual protection measures, such as personal protective equipment</b>					
Generally	Take off contaminated clothing and wash it before reuse. Use only CE marked protective equipment.				
<b>Respiratory Equipment</b>					
<b>Type</b>	<b>Class</b>	<b>Colour</b>	<b>Standards</b>		
No special when used as intended.					
<b>Skin protection</b>					
<b>Recommended</b>	<b>Type/Category</b>		<b>Standards</b>		
No special when used - as intended					
<b>Hand protection</b>					
<b>Work situation</b>	<b>Material</b>	<b>Glove thickness (mm)</b>	<b>Breakthrough time (min.)</b>	<b>Standards</b>	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN374-3, EN388	
<b>Eye protection</b>					
<b>Work situation</b>	<b>Type</b>		<b>Standards</b>		
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	Lemon like
pH	10
Density (g/cm <sup>3</sup> )	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 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.

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

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 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
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



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

Test: Result:	LD50 >2000 mg/kg
Product/substance Test method: Species: Route of exposure: Test: Result:	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated OECD 402 Rat Dermal LD50 >2000 mg/kg
Product/substance Species: Route of exposure: Test: Result:	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts Rat Oral LD50 2335 mg/kg
Product/substance Species: Route of exposure: Test: Result:	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts Rat Dermal LD50 >2000 mg/kg
Product/substance Species: Route of exposure: Test: Result:	Alcohols, C12-14, ethoxylated Rat Oral LD50 >2000 mg/kg
Product/substance Species: Route of exposure: Test: Result:	Alcohols, C12-14, ethoxylated Rat Dermal LD50 >2000 mg/kg
Product/substance Species: Route of exposure: Test: Result:	2-(2-ethoxyethoxy)ethanol Rat Oral LD50 7500 mg/kg
<b>Skin corrosion/irritation</b>	
Product/substance Test method: Species: Duration: Result:	Alcohols, C12-14, ethoxylated, sulfates, sodium salts OECD 404 Rabbit  Adverse effect observed (Irritating)
Product/substance Test method: Species: Duration: Result:	Alcohols, C12-14, ethoxylated, sulfates, sodium salts OECD 431 Human  No adverse effect observed (Not corrosive)
Product/substance Species: Duration: Result: Other information:	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated    Irritates the skin
Product/substance	Alcohols, C12-14, ethoxylated

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

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, *S. typhimurium*  
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:  
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

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

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

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

Test: Result:	NOEC 0,14 mg/L
Product/substance Test method: Species: Duration: Test: Result:	Alcohols, C12-14, ethoxylated, sulfates, sodium salts OECD 211 Daphnia, Daphnia magna 21 days NOEC 0,27 mg/L
Product/substance Test method: Species: Duration: Test: Result:	Alcohols, C12-14, ethoxylated, sulfates, sodium salts OECD 202 Daphnia, Daphnia magna 48 hours EC50 >1-10 mg/L
Product/substance Test method: Species: Duration: Test: Result:	Alcohols, C12-14, ethoxylated, sulfates, sodium salts OECD 201 Algae, Desmodesmus subspicatus 72 hours EC50 >10-100 mg/L
Product/substance Test method: Species: Duration: Test: Result:	Alcohols, C12-14, ethoxylated, sulfates, sodium salts OECD 201 Algae, Desmodesmus subspicatus 72 hours NOEC 0,93 mg/L
Product/substance Species: Duration: Test: Result:	Alcohols, C12-14, ethoxylated, sulfates, sodium salts Bacteria, Pseudomonas putida  EC10 >10000 mg/L
Product/substance Test method: Species: Duration: Test: Result:	Alcohols, C12-14, ethoxylated, sulfates, sodium salts OECD 222 - Earthworm reproduction test Earthworm, Eisenia fetida 56 days NOEC 750 mg/kg
Product/substance Test method: Species: Compartment: Duration: Test: Result:	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated OECD 203 Fish Water 96 hours LC50 4,2 mg/L
Product/substance Test method: Species: Compartment: Duration: Test: Result:	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated OECD 202 Daphnia Water 48 hours EC50 9,5 mg/L
Product/substance Test method:	Amides, rape-oil, N-(hydroxyethyl), ethoxylated, and glycerin, ethoxylated OECD 201

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

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
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

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

Result: 140 mg/L

Product/substance: 2-(2-ethoxyethoxy)ethanol  
 Species: Daphnia, Daphnia magna  
 Duration: 48 hours  
 Test: LC50  
 Result: 3340000 µg/L

Product/substance: 2-(2-ethoxyethoxy)ethanol  
 Species: Fish, Ictalurus punctatus  
 Duration: 96 hours  
 Test: LC50  
 Result: 6010000 µg/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  
 LogPow: No data available.  
 BCF: No data available.  
 Other information:

Product/substance	2-(2-ethoxyethoxy)ethanol
Test method:	
Potential bioaccumulation:	No data available.
LogPow:	-0,54
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.  
HP 4 - Irritant (skin irritation and eye damage)  
Dispose of contents/container to an approved waste disposal plant.  
SFS Waste regulation (2020:614).

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

\* Packing group

\*\* Environmental hazards

#### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

#### 14.6. Special precautions for user

Not applicable.

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



No data available.

## SECTION 15: Regulatory information

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

▼ Restrictions for application	No special.
Demands for specific education	No specific requirements.
SEVESO - Categories / dangerous substances	Not applicable.
Product registration number	707058-4
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	Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents. SFS Waste regulation (2020:614). 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.  
H411, Toxic to aquatic life with long lasting effects.  
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)  
LCS "C" = Consumer uses: Private households (= general public = consumers)  
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 product is classified according to the bridging principle.

#### ▼ 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: SE-en