

## SAFETY DATA SHEET

## Liquid Soap Fresh

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

## 1.1. Product identifier

## ▼ Trade name

Liquid Soap Fresh

## Other names / Synonyms

86511, 86542, 86603

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

## Relevant identified uses of the substance or mixture

Cosmetic product

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

AISE-C0001 / Cosmetic, not applicable.

## Use descriptors (REACH)

Sectors of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
SU 20	Health services
LCS "C"	Consumer uses: Private households (= general public = consumers)
Product category	Description
PC 39	Cosmetics, personal care

## Uses advised against

None known.

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

## Company and address

**Metsä Tissue Oyj**

Customer Service

35801 Mänttä

Finland

+358 (0)10 464 7222

+358 3 474 2957

www.katrin.com

## Contact person

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## E-mail

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## Revision

17/07/2025

## SDS Version

3.0

## Date of previous version

21/05/2024 (2.0)

## 1.4. ▼ Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)

General public:

England - Dial 111 to reach NHS 111 (24 hour service)

Scotland - Dial 111 to reach NHS 24 (24 hour service)

Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)

See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

### 2.2. Label elements

**Hazard pictogram(s)**

Not applicable.

**Signal word**

Not applicable.

**Hazard statement(s)**

Not applicable.

**Precautionary statement(s)**

**General**

-

**Prevention**

-

**Response**

-

**Storage**

-

**Disposal**

-

#### ▼ Hazardous substances

Does not contain any substances required to report

#### Additional labelling

EUH210, Safety data sheet available on request.

### 2.3. Other hazards

#### ▼ Additional warnings

Cosmetic products are exempt classification rules, but must comply with the cosmetics legislation.

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
sodium 2-(2-dodecyloxyethoxy)ethyl sulphate	CAS No.: 68891-38-3 EC No.: 500-234-8 UK-REACH: 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	[19]
amide polyglycolic ether	CAS No.: 85536-23-8 EC No.: 932-164-2 UK-REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Aquatic Chronic 3, H412	
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...	CAS No.: 147170-44-3 EC No.: 604-575-4 UK-REACH: Index No.:	1-3%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 4.00 %) Aquatic Chronic 3, H412	[19]
linalool	CAS No.: 78-70-6 EC No.: 201-134-4 UK-REACH:	<0.01%	Skin Sens. 1B, H317	

	Index No.: 603-235-00-2		
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	CAS No.: 54464-57-2	<0.01%	Skin Irrit. 2, H315
	EC No.: 259-174-3		Skin Sens. 1, H317
	UK-REACH:		Aquatic Chronic 1, H410 (M=1)
	Index No.:		
Eugenol	CAS No.: 97-53-0	<0.0015%	Skin Sens. 1B, H317
	EC No.: 202-589-1		Eye Irrit. 2, H319
	UK-REACH:		
	Index No.:		

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

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

##### Eye contact

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

##### Ingestion

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

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

##### Burns

Not applicable.

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

None known.

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

Treat symptomatically.

#### Information to medics

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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Not applicable.

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

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:

Nitrogen oxides (NO<sub>x</sub>)

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

### 5.3. ▼ Advice for firefighters

No specific requirements.

## SECTION 6: Accidental release measures

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

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

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

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

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

### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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

Always store in containers of the same material as the original container.

#### Storage conditions

Room temperature 18 to 23°C (Storage on stock, 3 to 8°C)

#### Incompatible materials

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

### 7.3. Specific end use(s)

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

## SECTION 8: Exposure controls/personal protection

### 8.1. ▼ Control parameters

glycerol

Long term exposure limit (8 hours) (mg/m<sup>3</sup>): 10

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.  
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

### ▼ DNEL

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...

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 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	13.04 mg/m <sup>3</sup>
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-phenoxyethanol

Duration:	Route of exposure:	DNEL:
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Long term – Systemic effects - General population	Dermal	10.42 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	20.83 mg/kg bw/day
Long term – Local effects - General population	Inhalation	2.41 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	5.7 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Inhalation	2.41 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	5.7 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	9.23 mg/kg bw/day
Short term – Systemic effects - General population	Oral	9.23 mg/kg bw/day

## amide polyglycolic ether

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Systemic effects - General population	Dermal	0,25 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	0,5 mg/kg bw/day
Short term – Systemic effects - General population	Dermal	20 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	40 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	0,88 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	1,76 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	0,25 mg/m <sup>3</sup>
Short term – Systemic effects - General population	Oral	20 mg/kg bw/day

## Eugenol

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Systemic effects - General population	Dermal	3 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	6 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	5.22 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	21.2 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	3 mg/kg bw/day

## glycerol

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Local effects - General population	Inhalation	132 mg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	220 mg/m <sup>3</sup>

## sodium 2-(2-dodecyloxyethoxy)ethyl sulphate

<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/kg bw/day
Long term – Systemic effects - Workers	Dermal	2750 mg/kg bw/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/kg bw/day

## sodium benzoate

<b>Duration:</b>	<b>Route of exposure:</b>	<b>DNEL:</b>
Long term – Systemic effects - General population	Dermal	31.25 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	62.5 mg/kg bw/day
Long term – Local effects - General population	Inhalation	60 µg/m <sup>3</sup>
Long term – Local effects - Workers	Inhalation	100 µg/m <sup>3</sup>

Long term – Systemic effects - General population	Inhalation	1.5 mg/m <sup>3</sup>
Long term – Systemic effects - Workers	Inhalation	3 mg/m <sup>3</sup>
Long term – Systemic effects - General population	Oral	16.6 mg/kg bw/day

**▼ PNEC**

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		13.5 µg/L
Freshwater sediment		14.8 mg/kg
Marine water		1.35 µg/L
Marine water sediment		1.48 mg/kg
Sewage treatment plant		3 g/L
Soil		800 µg/kg

2-phenoxyethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		943 µg/L
Freshwater sediment		7.237 mg/kg
Intermittent release (freshwater)		3.44 mg/L
Marine water		94.3 µg/L
Marine water sediment		723.7 µg/kg
Sewage treatment plant		36 mg/L
Soil		1.31 mg/kg

amide polyglycolic ether

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater	-	0.0022 mg/L
Freshwater sediment	-	0,136 mg/kg
Marine water	-	0.00022 mg/L
Marine water sediment	-	0,0136 mg/kg
Sewage treatment plant	-	10 mg/L
Soil	-	0,109 mg/kg

Eugenol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		201.5 µg/L
Freshwater sediment		14.488 mg/kg
Intermittent release (freshwater)		11.3 µg/L
Marine water		20.15 µg/L
Marine water sediment		1.449 mg/kg
Soil		15.5 µg/kg

glycerol

Route of exposure:	Duration of Exposure:	PNEC:
Sewage treatment plant		1 g/L

sodium 2-(2-dodecyloxyethoxy)ethyl sulphate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		240 µg/L
Freshwater sediment		916.8 µg/kg

Intermittent release (freshwater)	71 µg/L
Marine water	24 µg/L
Marine water sediment	91.7 µg/kg
Sewage treatment plant	10 g/L
Soil	7.5 mg/kg
sodium benzoate	
<b>Route of exposure:</b>	<b>Duration of Exposure:</b> <b>PNEC:</b>
Freshwater	130 µg/L
Freshwater sediment	1.76 mg/kg
Intermittent release (freshwater)	305 µg/L
Marine water	13 µg/L
Marine water sediment	176 µg/kg
Predators	300 mg/kg
Sewage treatment plant	10 mg/L
Soil	60 µg/kg

## 8.2. Exposure controls

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

### General recommendations

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

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

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

### Appropriate technical measures

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

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

### Hygiene measures

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

### Measures to avoid environmental exposure

No specific requirements.

## Individual protection measures, such as personal protective equipment

### ▼ Generally

No specific requirements.

### ▼ Respiratory Equipment

No specific requirements.

### Skin protection

No specific requirements.

### Hand protection

No specific requirements.

### Eye protection

No specific requirements.

## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

### Physical state

Liquid

### Colour

Teal

### Odour / Odour threshold

Pleasant

pH

4.5

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

1,02

Kinematic viscosity

2000-4000 cP

Particle characteristics

Does not apply to liquids.

Phase changes

▼ Melting point/Freezing point (°C)

No data available.

Softening point/range (°C)

Does not apply to liquids.

▼ Boiling point (°C)

No data available.

▼ Vapour pressure

No data available.

▼ Relative vapour density

No data available.

▼ Decomposition temperature (°C)

No data available.

Data on fire and explosion hazards

▼ Flash point (°C)

No data available.

▼ Flammability (°C)

No data available.

▼ Auto-ignition temperature (°C)

No data available.

▼ Lower and upper explosion limit (% v/v)

No data available.

Solubility

Solubility in water

Completely soluble

▼ n-octanol/water coefficient (LogKow)

No data available.

▼ Solubility in fat (g/L)

No data available.

9.2. Other information

Other physical and chemical parameters

No data available.

▼ Oxidizing properties

No data available.

## SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

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

10.6. ▼ Hazardous decomposition products

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



## SECTION 11: Toxicological information

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

#### ▼ Acute toxicity

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2870 mg/kg

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	amide polyglycolic ether
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	amide polyglycolic ether
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2335 mg/kg

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>620 mg/kg

Product/substance	2-phenoxyethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>740 mg/kg

Product/substance	2-phenoxyethanol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>1000 mg/m <sup>3</sup>

Product/substance	2-phenoxyethanol
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	14391 mg/kg

Product/substance	glycerol
Species:	Rat
Route of exposure:	Oral
Test:	LD50

Result: 27200 mg/kg

Product/substance: glycerol  
 Species: Rat  
 Route of exposure: Inhalation  
 Test: LC50  
 Result: 4655 mg-min/L 7 h ·

Product/substance: glycerol  
 Species: Guinea pig  
 Route of exposure: Dermal  
 Test: LD50  
 Result: 45 ml/kg ·

Product/substance: sodium benzoate  
 Species: Rat  
 Route of exposure: Oral  
 Test: LD50  
 Result: 3140 mg/kg

Product/substance: sodium benzoate  
 Species: Rat  
 Route of exposure: Inhalation  
 Test: LC50  
 Result: >12200 mg/m<sup>3</sup>

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

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

#### ▼ Skin corrosion/irritation

Product/substance: sodium 2-(2-dodecyloxyethoxy)ethyl sulphate  
 Test method: OECD 404  
 Species: Rabbit  
 Duration: 4 hours  
 Other information: reversible

Product/substance: amide polyglycolic ether  
 Test method: OECD 404  
 Species: Rabbit  
 Duration: 4 hours  
 Other information: not reversible

Product/substance: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...  
 Test method: OECD 404  
 Species: Rabbit  
 Duration: 4 hours  
 Other information: reversible

Product/substance: 2-phenoxyethanol  
 Test method: OECD 404  
 Species: Rabbit  
 Duration: 4 hours  
 Other information: reversible

Product/substance: glycerol  
 Test method: no guideline followed  
 Species: Rabbit  
 Duration: 24 hours  
 Result: No adverse effect observed (Not irritating)  
 Other information: reversible

Product/substance	sodium benzoate
Test method:	OECD 404
Species:	Rabbit
Duration:	4 hours
Other information:	reversible

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

#### ▼ Serious eye damage/irritation

Product/substance	amide polyglycolic ether
Test method:	OECD 405
Species:	Rabbit
Duration:	7 days

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...
Test method:	OECD 405
Species:	Rabbit
Other information:	reversible

Product/substance	2-phenoxyethanol
Test method:	OECD 405
Species:	Rabbit
Other information:	reversible

Product/substance	glycerol
Test method:	no guideline followed
Species:	Rabbit
Duration:	7 days
Other information:	reversible

Product/substance	sodium benzoate
Test method:	OECD 405
Species:	Rabbit
Duration:	24 hours
Other information:	reversible

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

#### Respiratory sensitisation

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

#### ▼ Skin sensitisation

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

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

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Product/substance	2-phenoxyethanol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

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

#### ▼ Germ cell mutagenicity

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method:	OECD 476
Species:	Mouse

Conclusion: No adverse effect observed

Product/substance: sodium 2-(2-dodecyloxyethoxy)ethyl sulphate  
 Test method: OECD 475  
 Species: Mouse  
 Conclusion: No adverse effect observed

Product/substance: amide polyglycolic ether  
 Test method: OECD 473  
 Species: Human  
 Conclusion: No adverse effect observed

Product/substance: amide polyglycolic ether  
 Test method: OECD 474  
 Species: Mouse  
 Conclusion: No adverse effect observed

Product/substance: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...  
 Test method: OECD 476  
 Species: Mouse  
 Conclusion: No adverse effect observed

Product/substance: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...  
 Test method: OECD 474  
 Species: Mouse  
 Conclusion: No adverse effect observed

Product/substance: 2-phenoxyethanol  
 Test method: OECD 474  
 Species: Mouse  
 Conclusion: No adverse effect observed

Product/substance: 2-phenoxyethanol  
 Test method: OECD 471  
 Species: Bacteria  
 Conclusion: No adverse effect observed

Product/substance: glycerol  
 Test method: No guideline followed  
 Species: Bacteria  
 Conclusion: No adverse effect observed

Product/substance: sodium benzoate  
 Test method: OECD 471  
 Species: Bacteria  
 Conclusion: No adverse effect observed

Product/substance: sodium benzoate  
 Test method: OECD 475  
 Species: Rat  
 Conclusion: No adverse effect observed

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

#### ▼ Carcinogenicity

Product/substance: 2-phenoxyethanol  
 Test method: OECD 451  
 Species: Mouse  
 Conclusion: No adverse effect observed

Product/substance: glycerol  
 Species: Rat  
 Test: NOAEL  
 Result: 8000 mg/kg bw/day

Conclusion: No adverse effect observed

Product/substance: sodium benzoate  
 Species: Rat  
 Test: NOAEL  
 Result: >1000 mg/kg  
 Conclusion: No adverse effect observed

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

▼ **Reproductive toxicity**

Product/substance: sodium 2-(2-dodecyloxyethoxy)ethyl sulphate  
 Test method: OECD 414  
 Species: Rat  
 Result: 1000 mg/kg bw/day  
 Conclusion: No adverse effect observed

Product/substance: sodium 2-(2-dodecyloxyethoxy)ethyl sulphate  
 Test method: OECD 416  
 Species: Rat  
 Result: 300 mg/kg bw/day  
 Conclusion: No adverse effect observed

Product/substance: amide polyglycolic ether  
 Test method: OECD 421  
 Species: Rat  
 Conclusion: No adverse effect observed

Product/substance: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...  
 Test method: OECD 414  
 Species: Rat  
 Test: NOEL  
 Result: 100 mg/kg bw/day  
 Conclusion: No adverse effect observed

Product/substance: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...  
 Test method: OECD 408 - Repeated Dose 90-day Oral Toxicity Study in Rodents  
 Species: Rat  
 Test: NOEL  
 Result: 247 mg/kg bw/day  
 Conclusion: No adverse effect observed

Product/substance: 2-phenoxyethanol  
 Test method: OECD 414  
 Species: Rat  
 Test: NOAEL  
 Result: 300 mg/kg bw/day  
 Conclusion: No adverse effect observed

Product/substance: 2-phenoxyethanol  
 Species: Mouse  
 Test: NOAEL  
 Result: 375 mg/kg bw/day  
 Conclusion: No adverse effect observed

Product/substance: glycerol  
 Species: Rat  
 Conclusion: No adverse effect observed

Product/substance: sodium benzoate  
 Species: Rat  
 Test: NOAEL  
 Result: 500 mg/kg bw/day  
 Conclusion: No adverse effect observed

Product/substance: sodium benzoate

Species: Rat  
Test: NOAEL  
Result: 175 mg/kg bw/day  
Conclusion: No adverse effect observed

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

#### STOT-single exposure

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

#### STOT-repeated exposure

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

#### Aspiration hazard

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

### 11.2. Information on other hazards

#### Long term effects

None known.

#### ▼ Endocrine disrupting properties

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

#### ▼ Other information

Eugenol has been classified by IARC as a group 3 carcinogen.

## SECTION 12: Ecological information

### 12.1. ▼ Toxicity

Product/substance: sodium 2-(2-dodecyloxyethoxy)ethyl sulphate  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: 7.1 mg/L

Product/substance: sodium 2-(2-dodecyloxyethoxy)ethyl sulphate  
Species: Daphnia  
Duration: 48 hours  
Test: EC50  
Result: 7.4 mg/L

Product/substance: sodium 2-(2-dodecyloxyethoxy)ethyl sulphate  
Species: Algae  
Duration: 72 hours  
Test: EC50  
Result: 27.7 mg/L

Product/substance: sodium 2-(2-dodecyloxyethoxy)ethyl sulphate  
Species: Algae  
Duration: 72 hours  
Test: NOEC  
Result: 0.95 mg/L

Product/substance: amide polyglycolic ether  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: 2.9 mg/L

Product/substance: amide polyglycolic ether  
Species: Fish  
Duration: 96 hours  
Test: NOEC  
Result: 0.77 mg/L

Product/substance: amide polyglycolic ether  
Species: Daphnia  
Duration: 48 hours

Test: EC50  
Result: 9.5 mg/L

Product/substance amide polyglycolic ether  
Species: Daphnia  
Duration: 48 hours  
Test: NOEC  
Result: 2.2 mg/L

Product/substance amide polyglycolic ether  
Species: Algae  
Duration: 72 hours  
Test: EC50  
Result: 22 mg/L

Product/substance amide polyglycolic ether  
Species: Algae  
Duration: 72 hours  
Test: NOEC  
Result: 3.2 mg/L

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: 1.1 mg/L

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...  
Species: Daphnia  
Duration: 48 hours  
Test: EC50  
Result: 1.9 mg/L

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...  
Species: Algae  
Duration: No data available.  
Test: EC50  
Result: 1.5 mg/L

Product/substance 2-phenoxyethanol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: 344 mg/L

Product/substance 2-phenoxyethanol  
Species: Daphnia  
Duration: 48 hours  
Test: EC50  
Result: 488 mg/L

Product/substance 2-phenoxyethanol  
Species: Algae  
Duration: 72 hours  
Test: EC50  
Result: 443 mg/L

Product/substance glycerol  
Species: Fish  
Duration: 96 hours  
Test: LC50  
Result: 54000 mg/L

Product/substance glycerol

Species:	Daphnia
Duration:	24 hours
Test:	EC50
Result:	>10000 mg/L

Product/substance	sodium benzoate
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	484 mg/L

Product/substance	sodium benzoate
Species:	Daphnia
Duration:	96 hours
Test:	EC50
Result:	100 mg/L

Product/substance	sodium benzoate
Species:	Algae
Duration:	72 hours
Test:	NOEC
Result:	0.09 mg/L

Product/substance	sodium benzoate
Species:	Algae
Duration:	72 hours
Test:	EC10
Result:	6.5 mg/L

Product/substance	sodium benzoate
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	30.5 mg/L

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

## 12.2. ▼ Persistence and degradability

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Conclusion:	Readily biodegradable

Product/substance	amide polyglycolic ether
Result:	81%
Conclusion:	Readily biodegradable

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...
Result:	91.6
Conclusion:	Readily biodegradable
Test:	OECD 301 B

Product/substance	2-phenoxyethanol
Result:	>90%
Conclusion:	Readily biodegradable
Test:	OECD 301 A

Product/substance	glycerol
Conclusion:	Readily biodegradable

Product/substance	sodium benzoate
Conclusion:	Readily biodegradable

## 12.3. ▼ Bioaccumulative potential

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
LogKow:	0,3000
Conclusion:	No potential for bioaccumulation



Product/substance	amide polyglycolic ether
LogKow:	5
Conclusion:	Potential for bioaccumulation
Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...
BCF:	71
LogKow:	4,4400
Conclusion:	No potential for bioaccumulation
Product/substance	2-phenoxyethanol
BCF:	0.35
LogKow:	1,2000
Conclusion:	No potential for bioaccumulation
Product/substance	glycerol
LogKow:	-1,7500
Conclusion:	No potential for bioaccumulation
Product/substance	sodium benzoate
LogKow:	1,8800
Conclusion:	No potential for bioaccumulation

#### 12.4. Mobility in soil

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...

LogKoc = 4.04, Low mobility potential.

2-phenoxyethanol

LogKoc = 1.61, High mobility potential.

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

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

#### 12.6. ▼ Endocrine disrupting properties

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

#### 12.7. Other adverse effects

None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

##### EWC code

16 10 03\* Aqueous concentrates 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	-	-	-	-	-	-
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.

**Labelling of contents according to Regulation 1223/2009 on cosmetic products "Ingredients"**

AQUA (SOLVENTS), SODIUM LAURETH SULFATE (SURFACTANTS), PEG-4 RAPESEEDAMIDE (SURFACTANTS), COCAMIDOPROPYL BETAINE (SURFACTANTS), SODIUM CHLORIDE (ADDITIVES), AMMONIUM LAURYL SULFATE (SURFACTANTS), PHENOXYETHANOL (PRESERVATIVES), GLYCERIN (HUMECTANTS), PROPYLENE GLYCOL (SOLVENTS), PEG-7 GLYCERYL COCOATE (EMULSIFYING AGENTS), CITRIC ACID (BUFFERING AGENTS), COCO-GLUCOSIDE (SURFACTANTS), SODIUM BENZOATE (PRESERVATIVES), GLYCOL DISTEARATE (EMOLLIENTS), PARFUM, POTASSIUM SORBATE (PRESERVATIVES), TETRASODIUM IMINODISUCCINATE (CHELATING AGENTS), ACID YELLOW 23/CI 19140 (COSMETIC COLORANTS), ACID BLUE 9/CI 42090 (COSMETIC COLORANTS)

**Additional information**

Not applicable.

**Sources**

Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products.

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**

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H410, Very 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)

SU 20 = Health services

LCS "C" = Consumer uses: Private households (= general public = consumers)

PC 39 = Cosmetics, personal care

**Abbreviations and acronyms**

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

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

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne (European conformity)

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

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

#### Additional information

In accordance with UK-REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required by UK-REACH.

#### The safety data sheet is validated by

Janie Madsen

#### 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