SAFETY DATA SHEET

# Foam Soap Green

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

### 1.1. Product identifier

**Trade name**

Foam Soap Green

▼Other names / Synonyms

86450, 86481, 86573

### 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**

Eija Saski

**E-mail**

info.katrin.sds@metsagroup.com

**Revision**

21/05/2024

**SDS Version**

2.0

**Date of previous version**

21/11/2023 (1.0)

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h 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
None known.

#### 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) 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 |
|---|---|---|---|---|
| sodium 2-(2-dodecyloxyethoxy)ethyl sulphate | CAS No.: 68891-38-3<br>EC No.: 500-234-8<br>UK-REACH:<br>Index No.: | 1-3% | Skin Irrit. 2, H315<br>Eye Dam. 1, H318 (SCL: 10.00 %)<br>Eye Irrit. 2, H319 (SCL: 5.00 %)<br>Aquatic Chronic 3, H412 | [19] |
| linalool | CAS No.: 78-70-6<br>EC No.: 201-134-4<br>UK-REACH:<br>Index No.: 603-235-00-2 | <0.01% | Skin Sens. 1B, H317 | |

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.

### 5.3. Advice for firefighters
Fire fighters should wear appropriate personal protective equipment.

## 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 temperature
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/m³): 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
2-phenoxyethanol

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| 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/m³ |
| Long term – Local effects - Workers | Inhalation | 5.7 mg/m³ |
| Long term – Systemic effects - General population | Inhalation | 2.41 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 5.7 mg/m³ |
| 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 |

glycerol

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Local effects - General population | Inhalation | 132 mg/m³ |
| Long term – Local effects - Workers | Inhalation | 220 mg/m³ |

sodium 2-(2-dodecyloxyethoxy)ethyl sulphate

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| Long term – Local effects - General population | Dermal | 79 µg/cm² |
| Long term – Local effects - Workers | Dermal | 132 µg/cm² |
| 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/m³ |
| Long term – Systemic effects - Workers | Inhalation | 175 mg/m³ |
| Long term – Systemic effects - General population | Oral | 15 mg/kg bw/day |

sodium benzoate

| Duration: | Route of exposure: | DNEL: |
|---|---|---|
| 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/m³ |
| Long term – Local effects - Workers | Inhalation | 100 µg/m³ |
| Long term – Systemic effects - General population | Inhalation | 1.5 mg/m³ |
| Long term – Systemic effects - Workers | Inhalation | 3 mg/m³ |
| Long term – Systemic effects - General population | Oral | 16.6 mg/kg bw/day |

PNEC

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 |

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

| Route of exposure: | Duration of Exposure: | PNEC: |
|---|---|---|
| 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
Clear

Odour / Odour threshold
Pleasant

pH
4,5

Density (g/cm$^3$)
1.01

Kinematic viscosity
Testing not relevant or not possible due to the nature of the product.

Particle characteristics
Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)
Testing not relevant or not possible due to the 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 the nature of the product.

Vapour pressure
Testing not relevant or not possible due to the 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 the nature of the product.

Data on fire and explosion hazards

Flash point (°C)
Testing not relevant or not possible due to the nature of the product.

Flammability (°C)
Testing not relevant or not possible due to the nature of the product.

Auto-ignition temperature (°C)
Testing not relevant or not possible due to the nature of the product.

Lower and upper explosion limit (% v/v)
Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water
Completely soluble

n-octanol/water coefficient (LogKow)
Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

### 9.2. Other information

#### Other physical and chemical parameters

No data available.

#### Oxidizing properties

Testing not relevant or not possible due to the nature of the product.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

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

### 10.3. Possibility of hazardous reactions

None known.

### 10.4. Conditions to avoid

None known.

### 10.5. Incompatible materials

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

### 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 | 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 | 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$^3$ |

| | |
|---|---|
| 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/m³ |

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

### ▼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 | 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 |

### ▼Serious eye damage/irritation

| | |
|---|---|
| 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 |

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

### ▼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 | 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 |

### 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 |

### 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 | 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 |

### STOT-single exposure

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

### STOT-repeated exposure

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

### Aspiration hazard

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

## 11.2. Information on other hazards

### Long term effects

None known.

### Endocrine disrupting properties

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

health.

### Other information

None known.

## SECTION 12: Ecological information

### 12.1. Toxicity

| | |
|---|---|
| Product/substance | 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 | 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 |

### 12.2. ▼Persistence and degradability

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

| | |
|---|---|
| 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 | 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

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 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.

#### Labelling of contents according to Regulation 1223/2009 on cosmetic products "Ingredients"
AQUA (SOLVENTS), SODIUM LAURETH SULFATE (SURFACTANTS), PHENOXYETHANOL (PRESERVATIVES), GLYCERIN (HUMECTANTS), COCAMIDOPROPYL BETAINE (SURFACTANTS), SODIUM BENZOATE (PRESERVATIVES), PEG-4 RAPESEEDAMIDE (SURFACTANTS), CITRIC ACID (BUFFERING AGENTS), AMMONIUM LAURYL SULFATE (SURFACTANTS), PARFUM

#### 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.
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