

SAFETY DATA SHEET

Hair and Body Shampoo

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

1.1. Product identifier

Trade name

Hair and Body Shampoo

Other names / Synonyms

6980

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

Abena A/S

Egelund 35
6200 Aabenraa
Denmark
+45 71 31 18 18
+ 45 74 62 97 37
www.abena.dk

Contact person

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SDS Version

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 EC No.: 500-234-8 UK-REACH: Index No.:	5-10%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) 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 %) Aquatic Chronic 3, H412	
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	
amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)	CAS No.: 68155-07-7 EC No.: 931-329-6 UK-REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318 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

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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_x)
Carbon oxides (CO / CO₂)

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

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 ³
Long term – Systemic effects - Workers	Inhalation	44 mg/m ³
Long term – Systemic effects - General population	Oral	7.5 mg/kg bw/day

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/m ³
Long term – Local effects - Workers	Inhalation	5.7 mg/m ³
Long term – Systemic effects - General population	Inhalation	2.41 mg/m ³
Long term – Systemic effects - Workers	Inhalation	5.7 mg/m ³
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

Duration:	Route of exposure:	DNEL:
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 ³
Long term – Systemic effects - Workers	Inhalation	1,76 mg/m ³
Long term – Systemic effects - General population	Oral	0,25 mg/m ³
Short term – Systemic effects - General population	Oral	20 mg/kg bw/day

amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	56.2 µg/cm ²
Long term – Local effects - Workers	Dermal	93.6 µg/cm ²
Long term – Systemic effects - General population	Dermal	2.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	4.16 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	21.73 mg/m ³
Long term – Systemic effects - Workers	Inhalation	73.4 mg/m ³
Long term – Systemic effects - General population	Oral	6.25 mg/kg bw/day

glycerol

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

sodium 2-(2-dodecyloxyethoxy)ethyl sulphate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	79 µg/cm ²
Long term – Local effects - Workers	Dermal	132 µg/cm ²
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 ³
Long term – Systemic effects - Workers	Inhalation	175 mg/m ³
Long term – Systemic effects - General population	Oral	15 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
amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)		
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		7 µg/L
Freshwater sediment		195 µg/kg
Intermittent release (freshwater)		24 µg/L
Marine water		700 ng/L
Marine water sediment		19.5 µg/kg
Sewage treatment plant		830 mg/L
Soil		34.8 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

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

None

pH

4,5

Density (g/cm³)

1.0248

Kinematic viscosity

2000-4000 cP

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	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	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 amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
 Species: Rat, Sprague-Dawley, male/female
 Route of exposure: Oral
 Test: LD50
 Result: >2000 mg/kgbw

Product/substance amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
 Species: Rabbit, New Zealand White, male/female
 Route of exposure: Dermal
 Test: LD50
 Result: >2000 mg/kgbw

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/m³

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 ·

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 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 amide polyglycolic ether

Test method: OECD 404
 Species: Rabbit
 Duration: 4 hours
 Other information: not reversible

Product/substance amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
 Test method: OECD 404
 Species: Rabbit
 Duration: 21 days
 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

Serious eye damage/irritation

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

Product/substance amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
 Test method: OECD 405
 Species: Rabbit
 Result: Adverse effect observed (Moderately irritating)
 Other information: not 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

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

Product/substance amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
 Test method: OECD 406
 Species: Guinea pig, female
 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 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 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 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

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

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

Product/substance amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
 Test method: OECD 422
 Species: Rat, Sprague-Dawley, male/female
 Test: NOAEL
 Result: 1000 mg/kg bw/day

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

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

amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl) has been classified by IARC as a group 2B 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	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	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	amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Species:	Fish
Compartment:	Freshwater
Result:	2,4 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

12.2. Persistence and degradability

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Biodegradable:	Yes

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

Product/substance	amide polyglycolic ether
Biodegradable:	Yes
Result:	81%

Product/substance	amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Biodegradable:	Yes
Test method:	OECD 301 B
Result:	92,5%

Product/substance	2-phenoxyethanol
Biodegradable:	Yes
Test method:	OECD 301 A
Result:	>90%

Product/substance	glycerol
Biodegradable:	Yes

12.3. Bioaccumulative potential

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Potential bioaccumulation:	No
LogKow:	0,3000
BCF:	No data available.

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco ac...
Potential bioaccumulation:	No
LogKow:	4,4400
BCF:	71

Product/substance	amide polyglycolic ether
Potential bioaccumulation:	Yes
LogKow:	5
BCF:	No data available.

Product/substance	amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Potential bioaccumulation:	No data available.
LogKow:	No data available.
BCF:	28

Product/substance	2-phenoxyethanol
Potential bioaccumulation:	No
LogKow:	1,2000
BCF:	0.35

Product/substance	glycerol
Potential bioaccumulation:	No
LogKow:	-1,7500
BCF:	No data available.

12.4. Mobility in soil

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

Product/substance amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)

Species: Daphnia

Test: EC50

Result: 0,07 mg/L

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

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), COCAMIDOPROPYL BETAINE (SURFACTANTS), PEG-4 RAPESEEDAMIDE (SURFACTANTS), COCAMIDE DEA (SURFACTANTS), SODIUM CHLORIDE (ADDITIVES), PHENOXYETHANOL (PRESERVATIVES), PEG-7 GLYCERYL COCOATE (EMULSIFYING AGENTS), GLYCERIN (HUMECTANTS), CITRIC ACID (BUFFERING AGENTS), TETRASODIUM GLUTAMATE DIACETATE (CHELATING AGENTS),

SODIUM HYDROXIDE (BUFFERING AGENTS)

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.

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)

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

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 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: GB-en