SAFETY DATA SHEET

Zalo Håndoppvaskmiddel

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

1.1. Product identifier

Trade name

Zalo Håndoppvaskmiddel

Other names / Synonyms

Zalo Ultra

▼Product no.

510004443, 510004469, 510004489

▼Unique formula identifier (UFI)

PM9X-PT4D-850A-7T9R

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

Relevant identified uses of the substance or mixture

Hand dishwash, Cleaning product

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Orkla Home & Personal Care (HPC)
Postboks 673 Skøyen
0214 Oslo
Norway
22 06 27 80
www.orkla.no

E-mail

forbrukerservice@orkla.no

Revision

03/02/2026

SDS Version

4.0

Date of previous version

12/11/2025 (3.0)

1.4. Emergency telephone number

In case of emergency, call 112.

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. Classification of the substance or mixture

Skin Irrit. 2; H315, Causes skin irritation.
Eye Irrit. 2; H319, Causes serious eye irritation.

2.2. Label elements

Hazard pictogram(s)

Signal word

Warning

Hazard statement(s)

Causes skin irritation. (H315)
Causes serious eye irritation. (H319)

Precautionary statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)
Keep out of reach of children. (P102)

Prevention

Not applicable.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
If eye irritation persists: Get medical advice/attention. (P337+P313)
If skin irritation occurs: Get medical advice/attention. (P332+P313)

Storage

Not applicable.

Disposal

Not applicable.

Hazardous substances

Not relevant.

Additional labelling

UFI: PM9X-PT4D-850A-7T9R

▼Labelling of contents according to Detergents Regulation (EC) No 648/2004 (applicable to packaging of detergents sold to the general public)

Detergent labelling:

≥15% - <30%
· Anionic surfactants
≥5% - <15%
· Non-ionic surfactants
< 5%
· Amphoteric surfactants
· Perfumes
phenoxyethanol
Terpineol
Eucalyptus Globulus Oil

2.3. Other hazards

Additional warnings

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 laureth sulfate	CAS No.: 68891-38-3 EC No.: 500-234-8 REACH: 01-2119488639-16-xxxx Index No.:	>=10 - <13%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Aquatic Chronic 3, H412	[19]
Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts	CAS No.: 90583-11-2 EC No.: 931-558-1 REACH: 01-2119519217-42-XXXX Index No.:	>=5 - <7%	Acute Tox. 4, H302 (ATE: 1800.00 mg/kg) Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 20.00 %) Aquatic Chronic 3, H412	
Cocoamidopropyl betaine	CAS No.: 97862-59-4 EC No.: 931-296-8 REACH: 01-2119488533-30-XXXX Index No.:	>=3 - <5%	Eye Dam. 1, H318 Aquatic Chronic 3, H412	
Glycerides, mixed decanoyl and octanoyl mono-, di- and tri-, ethoxylated	CAS No.: 361459-38-3 EC No.: 800-104-3 REACH: Index No.:	>=3 - <5%	Eye Dam. 1, H318 (SCL: 20.00 %)	
Ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 REACH: 01-2120063206-63-XXXX Index No.: 603-002-00-5	≥ 1 < 5%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 (SCL: 50.00 %)	
Lauryl glucoside	CAS No.: 110615-47-9 EC No.: 600-975-8 REACH: 01-2119489418-23-XXXX Index No.:	≥ 1 < 3%	Skin Irrit. 2, H315 (SCL: 30.00 %) Eye Dam. 1, H318 (SCL: 12.00 %)	
propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7 REACH: 01-2119457558-25-XXXX Index No.: 603-117-00-0	<1%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	

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

Get medical advice/attention if you feel unwell. Show this Safety Data Sheet to the medical personnel.

Inhalation

If feeling uncomfortable - seek fresh air.

Skin contact

Rinse with water.

Eye contact

Wash with plenty of water. Remove any contact lenses and open eyelids wide apart. Get medical attention if irritation persists after washing.

Ingestion

Give a few small glasses of water or milk to drink. Get medical advice/attention if you feel unwell.

Burns

Not applicable.

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

Ingestion: Gastrointestinal symptoms, including upset stomach. Diarrhoea. Nausea, vomiting.
Skin contact: Causes skin irritation.
Eye contact: Causes serious eye irritation.

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

If eye irritation persists: Get medical advice/attention.

Information to medics

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

The product is not flammable. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Avoid breathing fire gases or vapours. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. For personal protection, see Section 8.

6.2. Environmental precautions

Contain spillage with sand, earth or other suitable non-combustible material. Avoid discharge into drains or watercourses or onto the ground. Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

6.3. Methods and material for containment and cleaning up

Small Spillages: Flush away spillage with plenty of water. Large Spillages: Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor.

6.4. Reference to other sections

See section 1 for emergency contact information.
For personal protection, see section 8.
For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes. For personal protection, see Section 8.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Keep only in the original container. Keep containers upright. Store at room temperature.

Recommended storage material

Store in tightly-closed, original container.

Storage conditions

5 - 30°C

Incompatible materials

None known.

7.3. Specific end use(s)

The identified uses for this product are detailed in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. ▼Control parameters

Ethanol
Long term exposure limit (8 hours) (mg/m³): 950
Long term exposure limit (8 hours) (ppm): 500

propan-2-ol
Long term exposure limit (8 hours) (mg/m³): 245
Long term exposure limit (8 hours) (ppm): 100

Regulations concerning action and limit values for physical and chemical agents in the working environment and classified biological agents (Regulations concerning Action and Limit values) FOR-2011-12-06-1358. Last update: FOR-2024-05-15-785.

▼DNEL

Cocoamidopropyl betaine

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	7,5 mg/kg
Long term – Systemic effects - General population	Dermal	7.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	7,5 mg/kg
Long term – Systemic effects - Workers	Dermal	12.5 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	13.04 mg/m³
Long term – Systemic effects - Workers	Inhalation	44 mg/m³
Long term – Systemic effects - Workers	Inhalation	44 mg/m³
Long term – Systemic effects - General population	Oral	7,5 mg/kg
Long term – Systemic effects - General population	Oral	7.5 mg/kg bw/day

Ethanol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	206 mg/kg bw/day
Long term – Systemic effects - General population	Dermal	206 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	343 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	343 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	114 mg/m³
Long term – Systemic effects - General population	Inhalation	114 mg/m³
Long term – Systemic effects - Workers	Inhalation	950 mg/m³
Long term – Systemic effects - Workers	Inhalation	380 mg/m³
Short term – Local effects - General population	Inhalation	950 mg/m³
Short term – Local effects - Workers	Inhalation	1900 mg/m³
Long term – Systemic effects - General population	Oral	87 mg/kg bw/day

Lauryl glucoside

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	357000 mg/kg bw/day

Long term – Systemic effects - Workers	Dermal	595000 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	124 mg/m³
Long term – Systemic effects - Workers	Inhalation	420 mg/m³
Long term – Systemic effects - General population	Oral	35.7 mg/kg bw/day

propan-2-ol

Duration:	**Route of exposure:**	**DNEL:**
Long term – Systemic effects - General population	Dermal	319 mg/kg bw/day
Long term – Systemic effects - General population	Dermal	319 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	888 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	888 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	89 mg/m³
Long term – Systemic effects - General population	Inhalation	89 mg/m³
Long term – Systemic effects - Workers	Inhalation	500 mg/m³
Long term – Systemic effects - Workers	Inhalation	500 mg/m³
Short term – Systemic effects - General population	Inhalation	178 mg/m³
Short term – Systemic effects - Workers	Inhalation	1000 mg/m³
Long term – Systemic effects - General population	Oral	26 mg/kg bw/day
Long term – Systemic effects - General population	Oral	26 mg/kg bw/day
Short term – Systemic effects - General population	Oral	51 mg/kg bw/day

Sodium laureth sulfate

Duration:	**Route of exposure:**	**DNEL:**
Long term – Local effects - General population	Dermal	0,079 mg/cm²
Long term – Local effects - General population	Dermal	79 µg/cm²
Long term – Local effects - Workers	Dermal	0,132 mg/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 - General population	Dermal	1650 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2750 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 - General population	Inhalation	52 mg/m³
Long term – Systemic effects - Workers	Inhalation	175 mg/m³
Long term – Systemic effects - Workers	Inhalation	175 mg/m³
Long term – Systemic effects - General population	Oral	15 mg/kg bw/day

Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts

Duration:	**Route of exposure:**	**DNEL:**
Long term – Systemic effects - General population	Dermal	2440 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	4060 mg/kg
Long term – Systemic effects - Workers	Dermal	4060 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	85 mg/m³

Long term – Systemic effects - Workers	Inhalation	285 mg/m³
Long term – Systemic effects - Workers	Inhalation	285 mg/m³
Long term – Systemic effects - General population	Oral	24 mg/kg bw/day

▼PNEC

Cocoamidopropyl betaine

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,0135 mg/l
Freshwater		13.5 µg/L
Freshwater sediment		11.1 mg/kg
Marine water		0,00135 mg/l
Marine water		1.35 µg/L
Marine water sediment		1.11 mg/kg
Sewage treatment plant		3000 mg/l
Sewage treatment plant		3 g/L
Soil		850 µg/kg

Ethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,96 mg/l
Freshwater		960 µg/L
Freshwater sediment		3,6 mg/kg
Freshwater sediment		3.6 mg/kg
Intermittent release (freshwater)		2.75 mg/L
Marine water		0,79 mg/l
Marine water		790 µg/L
Marine water sediment		2,9 mg/kg
Marine water sediment		2.9 mg/kg
Predators		380-720 mg/kg
Sewage treatment plant		580 mg/L
Soil		0,63 mg/kg
Soil		630 µg/kg

Lauryl glucoside

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		176 µg/L
Freshwater sediment		1.516 mg/kg
Intermittent release (freshwater)		29.5 µg/L
Marine water		18 µg/L
Marine water sediment		65 µg/kg
Predators		111.11 mg/kg
Sewage treatment plant		5 g/L
Soil		654 µg/kg

propan-2-ol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		140,9 mg/l
Freshwater		140.9 mg/L
Freshwater sediment		552 mg/kg
Freshwater sediment		552 mg/kg
Intermittent release (freshwater)		140.9 mg/L
Marine water		140,9 mg/l
Marine water		140.9 mg/L
Marine water sediment		552 mg/kg
Marine water sediment		552 mg/kg
Predators		160 mg/kg
Sewage treatment plant		2251 mg/l
Sewage treatment plant		2.251 g/L
Soil		28 mg/kg
Soil		28 mg/kg

Sodium laureth sulfate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,24 mg/l
Freshwater		240 µg/L
Freshwater sediment		0,9168 mg/kg dw
Freshwater sediment		916.8 µg/kg
Intermittent release (freshwater)		71 µg/L
Marine water		0,024 mg/l
Marine water		24 µg/L
Marine water sediment		0,0917 mg/kg dw
Marine water sediment		91.7 µg/kg
Sewage treatment plant		10000 mg/l
Sewage treatment plant		10 g/L
Soil		75, mg/kg dw
Soil		7.5 mg/kg

Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,102 mg/l
Freshwater		102 µg/L
Freshwater sediment		3,58
Freshwater sediment		3.58 mg/kg
Intermittent release (freshwater)		36 µg/L
Marine water		0,0102 mg/l
Marine water		10.2 µg/L
Marine water sediment		0,358 mg/kg

Marine water sediment	358 µg/kg
Sewage treatment plant	1,35 mg/l
Sewage treatment plant	1.35 mg/L
Soil	0,654 mg/kg
Soil	654 µg/kg

8.2. Exposure controls

Provide adequate ventilation.

General recommendations

Keep container tightly sealed when not in use.

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

No specific recommendations.

Hygiene measures

Wash hands with water as a precaution. When using do not eat, drink or smoke. Wash contaminated clothing before reuse.

Measures to avoid environmental exposure

No specific recommendations.

Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards
No specific requirements			

Skin protection

Recommended	Type/Category	Standards
No specific requirements.	-	-

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 30	EN374-2, EN16523-1, EN388	

Eye protection

Type	Standards	
Safety glasses	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state
Liquid
Colour
Green
Odour / Odour threshold
Of perfume
pH
6,5
▼Density (g/cm^3)
1.026
Kinematic viscosity
Not determined
▼Dynamic viscosity
400 mPa.s (21 °C)
Particle characteristics
Not applicable

Phase changes
Melting point/Freezing point (°C)
Not applicable
Softening point/range (°C)
Does not apply to liquids.
Boiling point (°C)
Not determined
Vapour pressure
Not determined
Relative vapour density
Not determined
Decomposition temperature (°C)
Not determined

Data on fire and explosion hazards
Flash point (°C)
Not applicable
Flammability (°C)
The material is not combustible.
Auto-ignition temperature (°C)
Not applicable
Lower and upper explosion limit (% v/v)
Not applicable

Solubility
Solubility in water
Soluble
n-octanol/water coefficient (LogKow)
Not determined
Solubility in fat (g/L)
Not determined

9.2. Other information
Evaporation rate (n-butylacetate = 100)
Not determined
Other physical and chemical parameters
No data available.
Oxidizing properties
Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
There are no known reactivity hazards associated with this product.

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

10.3. Possibility of hazardous reactions
Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
None known.

10.6. Hazardous decomposition products
Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

SECTION 11: Toxicological information

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

▼Acute toxicity

Product/substance	Sodium laureth sulfate
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 2000 -5000 mg/kg

Product/substance	Sodium laureth sulfate
Test method:	OECD 402
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/kg

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	~ 1800 mg/kg

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Test method:	OECD 402
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/kg

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Test method:	OECD 408
Species:	Rat
Route of exposure:	Oral
Test:	NOAEL
Result:	488 mg/kg bw /d

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Species:	Rat
Route of exposure:	Oral
Test:	LOAEL
Result:	1016 mg/kg bw /d

Product/substance	Cocoamidopropyl betaine
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 2000 mg/kg

Product/substance	Cocoamidopropyl betaine
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 8000 mg/kg

Product/substance	Cocoamidopropyl betaine
Test method:	OECD 402
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/kg

Product/substance	Ethanol
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5000 mg/kg

Product/substance	Ethanol
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 10000 mg/kg

Product/substance	Ethanol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 1800 mg/l

Product/substance	Ethanol

Product/substance	propan-2-ol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3570 mg/kg

Product/substance	propan-2-ol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50

Result:	> 2000 mg/kg

Product/substance	propan-2-ol
Test method:	OECD 403
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 25 mg/l

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

Skin corrosion/irritation

Product/substance	Sodium laureth sulfate
Test method:	OECD 404
Duration:	No data available.
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	Sodium laureth sulfate
Test method:	OECD 405
Duration:	No data available.
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	Sodium laureth sulfate
Test method:	OECD 405
Duration:	No data available.
Result:	Adverse effect observed (Irritating)

Product/substance	Sodium laureth sulfate
Test method:	OECD 405
Duration:	No data available.
Result:	No adverse effect observed (Not corrosive)

Product/substance	Cocoamidopropyl betaine
Test method:	OECD 405
Duration:	No data available.
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye irritation.
On basis of test data.

Respiratory sensitisation

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

Skin sensitisation

Product/substance	Cocoamidopropyl betaine
Test method:	OECD 406
Result:	No adverse effect observed (not sensitising)

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

▼Symptoms related to the physical, chemical and toxicological characteristics

None known.

11.2. Information on other hazards

Endocrine disrupting properties

This mixture contains no substance identified to have endocrine disrupting properties according to Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 nor is included in the Candidate List of substances of very high concern according to EU REACH Article 59 for having endocrine disrupting properties.
This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

Ingestion: Gastrointestinal symptoms, including upset stomach. Diarrhoea. Nausea, vomiting.
Skin contact: Causes skin irritation.
Eye contact: Causes serious eye irritation.

SECTION 12: Ecological information

12.1. ▼Toxicity

Product/substance	Sodium laureth sulfate
Test method:	OECD 203
Species:	Fish
Duration:	No data available.
Test:	LC50
Result:	> 1 -10 mg/l

Product/substance	Sodium laureth sulfate
Test method:	OECD 204
Species:	Fish
Duration:	No data available.
Test:	NOEC
Result:	0,14 mg/l

Product/substance	Sodium laureth sulfate
Test method:	OECD 201
Species:	Algae
Duration:	No data available.
Test:	EC50
Result:	> 10 -100 mg/kg

Product/substance	Sodium laureth sulfate
Test method:	OECD 201
Species:	Algae
Duration:	No data available.
Test:	NOEC
Result:	0,93 mg/l

Product/substance	Sodium laureth sulfate
Test method:	OECD 202
Species:	Crustacean
Duration:	No data available.
Test:	EC50
Result:	> 1 - 10 mg/l

Product/substance	Sodium laureth sulfate
Test method:	OECD 211
Species:	Crustacean
Duration:	No data available.
Test:	NOEC
Result:	0,27 mg/l
Product/substance	Sodium laureth sulfate

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Test method:	OECD 209
Species:	Bacteria
Duration:	3 hours
Result:	135 mg/l

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Test method:	OECD 203
Species:	Fish
Duration:	No data available.
Test:	LC50
Result:	3,6 mg/l

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Species:	Fish
Duration:	42 day(s)
Test:	NOEC
Result:	1,357 mg/l

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Test method:	OECD 201
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	11 mg/l

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Test method:	OECD 201
Species:	Algae
Duration:	72 hours
Test:	NOEC
Result:	3,0 mg/l

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Test method:	OECD 202
Species:	Crustacean
Duration:	48 hours
Test:	EC50
Result:	4,7 mg/l

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Species:	Crustacean
Duration:	7 days
Test:	NOEC
Result:	0,508 mg/l

Product/substance	Cocoamidopropyl betaine
Test method:	OECD 203
Species:	Fish

Duration:	No data available.
Test:	LC50
Result:	1,11 mg/l

Product/substance	Cocoamidopropyl betaine
Test method:	DIN 38412
Species:	Algae
Duration:	No data available.
Test:	EC50
Result:	~ 1,5 mg/l

Product/substance	Cocoamidopropyl betaine
Test method:	OECD 202
Species:	Crustacean
Duration:	No data available.
Test:	EC50
Result:	6,5 mg/l

Product/substance	Glycerides, mixed decanoyl and octanoyl mono-, di- and tri-, ethoxylated
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	10 - 100 mg/L

Product/substance	Glycerides, mixed decanoyl and octanoyl mono-, di- and tri-, ethoxylated
Species:	Crustacean
Duration:	48 hours
Test:	EC50
Result:	10 - 100 mg/L

Product/substance	Ethanol
Species:	Bacteria
Duration:	16 hours
Test:	EC0
Result:	6500 mg/l

Product/substance	Ethanol
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	8150 mg/l

Product/substance	Ethanol
Species:	Algae
Duration:	7 days
Test:	EC0
Result:	5000 mg/l

Product/substance	Ethanol

Product/substance	Lauryl glucoside
Test method:	OECD 203
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	2,95 mg/L

Product/substance	propan-2-ol

Species:	Bacteria
Duration:	No data available.
Test:	EC50
Result:	> 1000 mg/l

Product/substance	propan-2-ol
Species:	Fish
Duration:	48 hours
Test:	LC50
Result:	> 100 mg/l

Product/substance	propan-2-ol
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	> 100 mg/l

Product/substance	propan-2-ol
Species:	Crustacean
Duration:	48 hours
Test:	EC50
Result:	> 100 mg/l

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

12.2. ▼Persistence and degradability

Product/substance	Sodium laureth sulfate
Result:	> 70 %
Conclusion:	-
Test:	OECD 301 A

Product/substance	Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Result:	79,1 %
Conclusion:	-
Test:	OECD 301 B

Product/substance	Cocoamidopropyl betaine
Result:	92 %
Conclusion:	-
Test:	OECD 301 B

Product/substance	Glycerides, mixed decanoyl and octanoyl mono-, di- and tri-, ethoxylated
Duration:	28 days
Result:	> 60 %
Conclusion:	-
Test:	OECD 301 B

Product/substance	Ethanol
Conclusion:	-
Test:	OECD 301 B

Product/substance	Lauryl glucoside
Conclusion:	-

Product/substance	propan-2-ol
Result:	95 %
Conclusion:	-

Test: OECD 301 E

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. ▼Bioaccumulative potential

Product/substance: Sodium laureth sulfate
Conclusion: -

Product/substance: Sulfuric acid, mono-C12-14(even)-alkyl esters, ammonium salts
Conclusion: -

Product/substance: Cocoamidopropyl betaine
BCF: <71
LogKow: 4,23
Conclusion: -

Product/substance: Ethanol
Conclusion: -

Product/substance: Lauryl glucoside
Conclusion: -

The product is not bioaccumulating.

12.4. Mobility in soil

The product is miscible with water and may spread in water systems.

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 contains no substance identified to have endocrine disrupting properties according to Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 nor is included in the Candidate List of substances of very high concern according to EU REACH Article 59 for having 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

Waste is classified as hazardous waste.
Avoid discharge into drains.

EWC code

07 06	Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	Aqueous washing liquids and mother liquors

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/ADN/RID	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

▼Additional information

Not dangerous goods according to ADR/ADN/RID, 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.

REACH, Annex XVII

Not relevant.

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

Detergent labelling:

≥15% - <30%
· Anionic surfactants
≥5% - <15%
· Non-ionic surfactants
< 5%
· Amphoteric surfactants
· Perfumes
phenoxyethanol
Terpineol
Eucalyptus Globulus Oil

Product registration number

100555

Declaration of chemicals

If the product is imported or produced in more than 100 kg/year it is subject to registration in the Product Register because it is classified as hazardous.

Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources

Act no. 62 of 17th June 2005 relating to working environment, working hours and employment protection, etc. (Working Environment Act).
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

Regulation of 15 May 2015 no. 541 on declaring chemicals to the product register (Declaration Regulations)
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

▼Full text of H-phrases as mentioned in section 3

H225, Highly flammable liquid and vapour.
H302, Harmful if swallowed.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H336, May cause drowsiness or dizziness.
H412, Harmful to aquatic life with long lasting effects.

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

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).
Causes serious eye irritation: On basis of test data.

The safety data sheet is validated by

Senior Regulatory & Safety Manager

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: NO-en