

SAFETY DATA SHEET

Grovrens, med parfume

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

1.1. Product identifier

Trade name

Grovrens, med parfume

Product no.

8091

▼ Unique formula identifier (UFI)

C1T8-9AR0-M20M-ATTW

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

Relevant identified uses of the substance or mixture

Daily Cleaning

Use descriptors (UK REACH)

Sectors of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
LCS "C"	Consumer uses: Private households (= general public = consumers)
Product category	Description
PC 35	Washing and Cleaning Products (including solvent based products)
Process category	Description
PROC 28	Manual maintenance (cleaning and repair) of machinery
PROC 19	Hand-mixing with intimate contact and only PPE available
PROC 8a	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities
Environmental release category	Description
ERC 8a	Wide dispersive indoor use of processing aids in open systems
ERC 8b	Wide dispersive indoor use of reactive substances in open systems

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Jysk Kemi Service A/S

Gl. Struervej 50

7500 Holstebro

Denmark

+45 9740 3133

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www.jyskkemi.dk

Contact person

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16/01/2024

SDS Version

5.0

Date of previous version

20/06/2023 (4.0)

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

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

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)

Prevention

Wear eye protection/face protection/protective gloves. (P280)

Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. (P303+P361+P353)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

Storage

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▼ Disposal

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances

disodium metasilicate

Sodium Laureth sulfate

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

2-Propylheptanol ethoxylate

Additional labelling

UFI: C1T8-9AR0-M20M-ATTW

▼ Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law

< 5%

- Anionic surfactants
- Non-ionic surfactants
- Phosphates
- Perfumes

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) 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
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According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

disodium metasilicate	CAS No.: 10213-79-3 EC No.: 600-279-4 UK-REACH: Index No.:	3-5%	Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335	
Sodium Laureth sulfate	CAS No.: 68891-38-3 EC No.: 500-234-8 UK-REACH: Index No.:	3-5%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Aquatic Chronic 3, H412	[19]
Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)	CAS No.: 68155-07-7 EC No.: 268-935-9 UK-REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411	
2-Propylheptanol ethoxylate	CAS No.: 160875-66-1 EC No.: 605-233-7 UK-REACH: Index No.:	1-3%	Acute Tox. 4, H302 Eye Dam. 1, H318	
3,7-Dimethyloctan-3-ol	CAS No.: 78-69-3 EC No.: 201-133-9 UK-REACH: Index No.:	<0.01%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	
Benzoic,acid,2-hydroxy-,hexyl,ester	CAS No.: 6259-76-3 EC No.: 228-408-6 UK-REACH: Index No.:	<0.01%	Skin Sens. 1B, H317 Aquatic Chronic 1, H410 (M=1)	

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

Other information

[1] European occupational exposure limit.

[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

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

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

Eye contact

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Burns

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

Hazchem Code: 2X

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

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

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

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

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

6.4. Reference to other sections

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

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid direct contact with the product.

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

Keep only in original packaging.

Storage temperature

> 0°C

Incompatible materials

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

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

propane-1,2-diol

Long term exposure limit (8 hours) (ppm): 150(total)

Long term exposure limit (8 hours) (mg/m³): 474(total)/10(particulates)

2-aminoethanol

Long term exposure limit (8 hours) (ppm): 1

Long term exposure limit (8 hours) (mg/m³): 2.5

Short term exposure limit (15 minutes) (ppm): 3

Short term exposure limit (15 minutes) (mg/m³): 7.6

Annotations:

Sk = Can be absorbed through the skin and lead to systemic toxicity.

diphenyl ether

Long term exposure limit (8 hours) (ppm): 1

Long term exposure limit (8 hours) (mg/m³): 7

Short term exposure limit (15 minutes) (ppm): 2

Short term exposure limit (15 minutes) (mg/m³): 14

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-aminoethanol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	1.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	3 mg/kg bw/day
Long term – Local effects - General population	Inhalation	280 µg/m ³
Long term – Local effects - Workers	Inhalation	510 µg/m ³
Long term – Systemic effects - General population	Inhalation	180 µg/m ³
Long term – Systemic effects - Workers	Inhalation	1 mg/m ³
Long term – Systemic effects - General population	Oral	1.5 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	0,0562 mg/cm ² hud
Long term – Local effects - Workers	Dermal	0,0936 mg/cm ² hud
Long term – Systemic effects - General population	Dermal	2,5 mg/kg bw/dag
Long term – Systemic effects - Workers	Dermal	4,16 mg/kg bw/dag
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/dag

diphenyl ether

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - Workers	Dermal	25 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	7 mg/m ³
Long term – Systemic effects - Workers	Inhalation	59 mg/m ³
Short term – Local effects - Workers	Inhalation	14 mg/m ³

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

disodium metasilicate

Duration:	Route of exposure:	DNEL:
Long term	Dermal	1,49 mg/kg uge/dag
Long term	Inhalation	6,22 mg/m ³

propane-1,2-diol

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	10 mg/m ³
Long term – Local effects - General population	Inhalation	10 mg/m ³
Long term – Local effects - Workers	Inhalation	10 mg/m ³
Long term – Local effects - Workers	Inhalation	10 mg/m ³
Long term – Systemic effects - General population	Inhalation	50 mg/m ³
Long term – Systemic effects - General population	Inhalation	50 mg/m ³
Long term – Systemic effects - Workers	Inhalation	186 mg/m ³
Long term – Systemic effects - Workers	Inhalation	168 mg/m ³

Sodium Laureth sulfate

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

2-aminoethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		70 µg/L
Freshwater sediment		357 µg/kg
Intermittent release (freshwater)		28 µg/L
Marine water		7 µg/L
Marine water sediment		35.7 µg/kg
Sewage treatment plant		100 mg/L
Soil		1.29 mg/kg

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

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,007 mg/l
Freshwater sediment		0,195 mg/kg dwt
Marine water		0,0007 mg/l
Marine water sediment		0,0195 mg/kg dwt
Sewage treatment plant		830 mg/l
Soil		0,035 mg/kg dwt

diphenyl ether

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		455 ng/L
Freshwater sediment		92.6 µg/kg

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Intermittent release (freshwater)	4.55 µg/L
Marine water	45.5 ng/L
Marine water sediment	9.26 µg/kg
Sewage treatment plant	10 mg/L
Soil	18.3 µg/kg
propane-1,2-diol	
Route of exposure:	Duration of Exposure:
Freshwater	260 mg/L
Freshwater sediment	572 mg/kg
Intermittent release (freshwater)	183 mg/L
Marine water	26 mg/L
Marine water sediment	57.2 mg/kg
Sewage treatment plant	20 g/L
Soil	50 mg/kg
Sodium Laureth sulfate	
Route of exposure:	Duration of Exposure:
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.

Ensure that eyewash stations and safety showers are located within easy reach.

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

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Wash contaminated clothing before reuse.




Use only UKCA marked protective equipment.

Respiratory Equipment

No specific requirements

Skin protection

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Recommended	Type/Category	Standards		
No special when used as intended	-	-		
Hand protection				
Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile - Discard immediately after use	0.2	> 240	EN374-2, EN374-3, EN388	
Latex	0.4	-	EN374-2, EN388	
Vinyl/PVC	0,12	-	EN374-2	
Eye protection				
Type	Standards			

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Clear

Odour / Odour threshold

Faint

pH

13,0

pH in solution

11 (1%%)

Density (g/cm³)

1.05 (20 °C)

Kinematic viscosity

No data available

Particle characteristics

Not applicable - product is a liquid

Phase changes

Melting point/Freezing point (°C)

Not applicable - product is a liquid

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

100

Vapour pressure

No data available

Relative vapour density

No data available

Decomposition temperature (°C)

No data available

Data on fire and explosion hazards

Flash point (°C)

No data available

Flammability (°C)

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

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

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 nature of the product.

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient (LogKow)

No data available

Solubility in fat (g/L)

No data available

9.2. Other information

Evaporation rate (n-butylacetate = 100)

No data available

Oxidizing properties

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

Other physical and chemical parameters

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

▼ Acute toxicity

Product/substance disodium metasilicate

Species: Rat

Route of exposure: Dermal

Test: LD50

Result: >5000 mg/kg

Product/substance disodium metasilicate

Species: Rat

Route of exposure: Dermal

Test: LD50

Result: > 5000 mg/kg ·

Product/substance propane-1,2-diol

Species: Rat

Route of exposure: Oral

Test: LD50

Result: 22000 mg/kg ·

Product/substance propane-1,2-diol

Species: Rabbit

Route of exposure: Inhalation

Test: LC50

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Result:	> 317 mg/l ·
Product/substance	propane-1,2-diol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg ·
Product/substance	2-Propylheptanol ethoxylate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	300-2000 mg/kg ·
Product/substance	2-aminoethanol
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1089 mg/kg
Product/substance	2-aminoethanol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 1,3 mg/L
▼ Skin corrosion/irritation	
Product/substance	disodium metasilicate
Test method:	OECD 404
Species:	Rabbit
Result:	Adverse effect observed (Corrosive)
Product/substance	2-Propylheptanol ethoxylate
Result:	No adverse effect observed (Not irritating)
Product/substance	2-aminoethanol
Test method:	OECD 404
Species:	Rabbit
Result:	Adverse effect observed (Corrosive)
Causes severe skin burns and eye damage.	
▼ Serious eye damage/irritation	
Product/substance	disodium metasilicate
Species:	Rabbit
Result:	Adverse effect observed (Corrosive)
Product/substance	2-Propylheptanol ethoxylate
Result:	Adverse effect observed (Causes serious eye damage)
Product/substance	2-aminoethanol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Corrosive)
Causes serious eye damage.	
Respiratory sensitisation	
Based on available data, the classification criteria are not met.	
▼ Skin sensitisation	
Product/substance	disodium metasilicate
Test method:	OECD 429
Species:	Mouse
Result:	No adverse effect observed (not sensitising)
Product/substance	2-Propylheptanol ethoxylate

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Result:	No adverse effect observed (not sensitising)
Product/substance	2-aminoethanol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)
▼ Germ cell mutagenicity	
Product/substance	disodium metasilicate
Conclusion:	No adverse effect observed
Product/substance	2-aminoethanol
Conclusion:	No adverse effect observed
▼ Carcinogenicity	
Product/substance	disodium metasilicate
Conclusion:	No adverse effect observed
Product/substance	2-aminoethanol
Conclusion:	No adverse effect observed
▼ Reproductive toxicity	
Product/substance	disodium metasilicate
Species:	Rat, Sprague-Dawley, female
Result:	>159 mg/kg bw/day
Conclusion:	No adverse effect observed
Product/substance	2-aminoethanol
Conclusion:	No adverse effect observed
▼ STOT-single exposure	
Product/substance	disodium metasilicate
Route of exposure:	Inhalation
Conclusion:	Adverse effect observed
▼ STOT-repeated exposure	
Product/substance	disodium metasilicate
Conclusion:	No adverse effect observed
Product/substance	2-Propylheptanol ethoxylate
Result:	50-700 mg/kg
Product/substance	2-aminoethanol
Conclusion:	No adverse effect observed
Aspiration hazard	
Product/substance	2-aminoethanol
Kin. viscosity (mm ² /s):	23,55
Conclusion:	Aspiration hazard not applicable
11.2. Information on other hazards	
Long term effects	
Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.	
▼ Endocrine disrupting properties	
Product/substance	2-Propylheptanol ethoxylate
Conclusion:	No adverse effect observed
Other information	
None known.	

SECTION 12: Ecological information

12.1. ▼ Toxicity

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Product/substance	disodium metasilicate
Species:	Fish, Danio rerio
Duration:	96 hours
Test:	LC50
Result:	210 mg/L
Product/substance	disodium metasilicate
Test method:	OECD 202
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	1700 mg/L
Product/substance	disodium metasilicate
Test method:	DIN 38412
Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	> 345,4 mg/L
Product/substance	propane-1,2-diol
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	43500 mg/l ·
Product/substance	propane-1,2-diol
Species:	Fish
Duration:	7 days
Test:	LC50
Result:	40613 mg/l ·
Product/substance	propane-1,2-diol
Species:	Crustacean
Duration:	18 hours
Test:	NOEC
Result:	20.000 mg/l ·
Product/substance	2-Propylheptanol ethoxylate
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Test:	LC50
Result:	10-100 mg/L
Product/substance	2-Propylheptanol ethoxylate
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	10-100 mg/l ·
Product/substance	2-Propylheptanol ethoxylate
Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Result:	10-100 mg/L
Product/substance	2-aminoethanol
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	65 mg/l ·
Product/substance	2-aminoethanol
Species:	Fish
Duration:	7 days
Test:	LC50

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Result: > 100 mg/l ·

12.2. ▼ Persistence and degradability

Product/substance propane-1,2-diol
 Biodegradable: Yes
 Test method: OECD 301 F
 Result: 81,7%

Product/substance 2-Propylheptanol ethoxylate
 Biodegradable: Yes
 Test method: OECD 301 D

Product/substance 2-aminoethanol
 Biodegradable: Yes
 Test method: OECD 301 A
 Result: > 90% 21 d

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 disodium metasilicate
 Potential bioaccumulation: No
 LogKow: No data available.
 BCF: No data available.

Product/substance propane-1,2-diol
 Potential bioaccumulation: No data available.
 LogKow: No data available.
 BCF: 0.09

Product/substance 2-aminoethanol
 Potential bioaccumulation: No
 LogKow: < 1
 BCF: No data available.

12.4. Mobility in soil

No data available.

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

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

▼ Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)

HP 8 – Corrosive

Dispose of contents/container to an approved waste disposal plant.

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

EWC code

20 01 15* Alkalines

Waste group H Waste group H




Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

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	UN1760	CORROSIVE LIQUID, N.O.S. (disodium metasilicate)	Transport hazard class: 8 Label: 8 Classification code: C9 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN1760	CORROSIVE LIQUID, N.O.S. (disodium metasilicate)	Transport hazard class: 8 Label: 8 Classification code: C9 	III	No	Limited quantities: 5 L EmS: F-A S-B See below for additional information.
IATA	UN1760	CORROSIVE LIQUID, N.O.S. (disodium metasilicate)	Transport hazard class: 8 Label: 8 Classification code: C9 	III	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

Hazchem Code: 2X

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

People under the age of 18 shall not be exposed to this product.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

▼ Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law

< 5%

· Anionic surfactants

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

- Non-ionic surfactants
- Phosphates
- Perfumes

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 as retained and amended in UK law. 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.

Tactile warning.

If this product is sold in retail, it must be delivered with child-resistant fastening.

Sources

The Management of Health and Safety at Work Regulations 1999.

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

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

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

H410, Very toxic to aquatic life with long lasting effects.

H411, Toxic to aquatic life with long lasting effects.

H412, Harmful to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

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

PROC 28 = Manual maintenance (cleaning and repair) of machinery

PROC 19 = Hand-mixing with intimate contact and only PPE available

PROC 8a = Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non-dedicated facilities

PC 35 = Washing and Cleaning Products (including solvent based products)

ERC 8a = Wide dispersive indoor use of processing aids in open systems

ERC 8b = Wide dispersive indoor use of reactive substances in open systems

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

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

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 substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

▼ The safety data sheet is validated by

RH

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