SAFETY DATA SHEET

Autoshampoo

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Trade name:	Autoshampoo
Product no.:	1318
▼*Unique formula identifier (UFI):*	3XYJ-E9S5-HFD2-2TSW

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

Relevant identified uses of the substance or mixture:	Cleaning liquid
Uses advised against :	None known.

1.3. Details of the supplier of the safety data sheet

Company and address:	**Kärcher AB** Box 24 425 37 Hisings Kärra Sweden +4631577300 www.kaercher.com/se
E-mail:	kundservice@karcher.se
Revision:	14/01/2026
SDS Version:	3.0
Date of previous version:	25/09/2024 (2.0)

1.4. Emergency telephone number

In urgent situations: Call 112 and request the poison information centre. (24h service)
In less severe situations: Call 010-456 6700 (24h service)
See also section 4 “First aid measures”.

SECTION 2: HAZARDS IDENTIFICATION

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

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:	Keep out of reach of children. (P102)
▼*Prevention:*	Do not breathe vapour/mist. (P260) Wear face protection/protective gloves. (P280)
▼*Response:*	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (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:*	Not applicable.
▼*Disposal:*	Dispose of contents/container in accordance with local regulation. (P501)
Hazardous substances:	1-Heptanol, 2-propyl- , 8EO Disodium dioxido(oxo)silane pentahydrate D-Glucopyranose, oligomers, decyl octyl glycosides Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Additional labelling:	UFI: 3XYJ-E9S5-HFD2-2TSW
Labelling of contents according to Detergents Regulation (EC) No 648/2004 (applicable to packaging of detergents sold to the general public):	>5% - <15% · Non-ionic surfactants < 5% · Anionic surfactants

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
1-Heptanol, 2-propyl- , 8EO	CAS No.: 160875-66-1 EC No.: REACH: Index No.:	5-10%	Acute Tox. 4, H302 Eye Dam. 1, H318	
2-(2-butoxyethoxy)ethanol	CAS No.: 112-34-5 EC No.: 203-961-6 REACH: 01-2119475104-44 Index No.: 603-096-00-8	5-10%	Eye Irrit. 2, H319	[1], [3]
Disodium dioxido(oxo)silane pentahydrate	CAS No.: 10213-79-3 EC No.: 600-279-4 REACH: 01-2119449811-37 Index No.: 014-010-00-8	3-5%	Met. Corr. 1, H290 Skin Corr. 1B, H314 STOT SE 3, H335	
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS No.: 68515-73-1 EC No.: 500-220-1 REACH: 01-2119488530-36 Index No.:	3-5%	Eye Dam. 1, H318	[19]
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3 EC No.: 500-234-8 REACH: 01-2119488639-16 Index No.:	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Aquatic Chronic 3, H412	

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.
[3] According to REACH, Annex XVII, the substance is subject to restrictions.
[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. Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. If skin irritation occurs: Get medical advice/attention.
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.
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:
Nitrogen oxides (NO_x)
Carbon oxides (CO / CO2)
Some metal oxides

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 112, 24 h service) in order to obtain further advice.

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:	Always store in containers of the same material as the original container.
Storage conditions:	5 - 30°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

2-(2-butoxyethoxy)ethanol
Short term exposure limit (15 minutes) (ppm): 15
Short term exposure limit (15 minutes) (mg/m³): 101
Long term exposure limit (8 hours) (ppm): 10
Long term exposure limit (8 hours) (mg/m³): 68

The Swedish Work Environment Authority's regulations and general guideline (AFS 2023:14) on limit values for respiratory exposure in the work environment.

▼DNEL

2-(2-butoxyethoxy)ethanol

Duration:	Route of exposure:	DNEL:
Long term – Local effects - Workers	Inhalation	67.5 mg/m³
Short term – Local effects - Workers	Inhalation	101.2 mg/m³
Long term – Systemic effects - General population	Oral	6,25 mg/kg bw/day

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	1650 mg/kg
Long term – Systemic effects - Workers	Dermal	2750 mg/kg
Long term – Systemic effects - General population	Inhalation	52 mg/m³
Long term – Systemic effects - Workers	Inhalation	175 mg/m³
Long term – Systemic effects - General population	Oral	15 mg/kg

D-Glucopyranose, oligomers, decyl octyl glycosides

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

Disodium dioxido(oxo)silane pentahydrate

Duration:	Route of exposure:	DNEL:

Long term – Systemic effects - General population	Dermal	0.74 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	1.49 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.55 mg/m³
Long term – Systemic effects - Workers	Inhalation	6.22 mg/m³
Long term – Systemic effects - General population	Oral	0.74 mg/kg bw/day

▼PNEC

2-(2-butoxyethoxy)ethanol

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		1.1 mg/L
Freshwater sediment		4.4 mg/kg dw
Intermittent release		11 mg/L
Marine water		0.11 mg/L
Marine water sediment		0.44 mg/kg dw
Soil		0.32 mg/kg dw

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0.24 mg/L
Freshwater sediment		0.917 mg/kg
Intermittent release		0.071 mg/L
Marine water		0.024 mg/L
Marine water sediment		0.092 mg/kg
Sewage treatment plant		10000 mg/L
Soil		7.5 mg/kg

D-Glucopyranose, oligomers, decyl octyl glycosides

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0,176 mg/L
Freshwater sediment		1,516 mg/kg dw
Intermittent release		0,27 mg/L
Marine water		0,018 mg/L
Marine water sediment		0,152 mg/kg dw
Sewage treatment plant		560 mg/L
Soil		0,654 mg/kg dw

Disodium dioxido(oxo)silane pentahydrate

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater	-	7.5 mg/L
Intermittent release	-	7.5 mg/L

Marine water	-	1 mg/L
Sewage treatment plant	-	1000 mg/L

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 CE marked protective equipment.

Respiratory Equipment:

Work situation	Type	Class	Colour	Standards	
When there is risk of formation of mist/aerosol	S/SL	P2	White	EN149	

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn	-	-	

▼*Hand protection:*

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0,5	> 480	EN374-2, EN16523-13, EN388	

Eye protection:

Type	Standards	
Face shield alternatively safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Pale yellow
Odour / Odour threshold:	Characteristic
pH:	13
Density (g/cm³):	1.075
▼*Kinematic viscosity:*	No data available.
Particle characteristics:	Does not apply to liquids.

Phase changes

▼*Melting point/Freezing point (°C):*	No data available.
Softening point/range (°C):	Does not apply to liquids.
▼*Boiling point (°C):*	No data available.
▼*Vapour pressure:*	No data available.
▼*Relative vapour density:*	No data available.
▼*Decomposition temperature (°C):*	No data available.

Data on fire and explosion hazards

▼*Flash point (°C):*	No data available.
▼*Flammability (°C):*	No data available.
▼*Auto-ignition temperature (°C):*	No data available.
▼*Lower and upper explosion limit (% v/v):*	No data available.

Solubility

Solubility in water:	Completely soluble

▼*n-octanol/water coefficient (LogKow):*	No data available.
▼*Solubility in fat (g/L):*	No data available.

9.2. Other information

Other physical and chemical parameters:	No data available.
▼*Oxidizing properties:*	No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
No data available.

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

10.3. Possibility of hazardous reactions
None known.

10.4. Conditions to avoid
None known.

10.5. Incompatible materials
Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products
Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

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

▼Acute toxicity

Product/substance	1-Heptanol, 2-propyl- , 8EO
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>300-2000 mg/kg

Product/substance	2-(2-butoxyethoxy)ethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	2-(2-butoxyethoxy)ethanol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50

Result:	2764 mg/kg

Product/substance	2-(2-butoxyethoxy)ethanol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>29 ppm

Product/substance	2-(2-butoxyethoxy)ethanol
Species:	Mouse
Route of exposure:	Oral
Test:	LD50
Result:	2410 mg/kg

Product/substance	Disodium dioxido(oxo)silane pentahydrate
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1152-1349 mg/kg

Product/substance	Disodium dioxido(oxo)silane pentahydrate
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>5000 mg/kg

Product/substance	Disodium dioxido(oxo)silane pentahydrate
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>2060 mg/m^3

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>5000 mg/kg

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>5000 mg/kg

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

Skin corrosion/irritation

Product/substance	2-(2-butoxyethoxy)ethanol
Test method:	OECD 404
Species:	Rabbit
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	2-(2-butoxyethoxy)ethanol
Test method:	OECD 404
Species:	Rabbit
Result:	Adverse effect observed (Irritating)

Causes serious eye damage.

▼Respiratory sensitisation

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

▼Skin sensitisation

Product/substance	2-(2-butoxyethoxy)ethanol
Test method:	OECD 406
Species:	Guinea pig
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

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.

11.2. Information on other hazards

▼Endocrine disrupting properties

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

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. ▼Toxicity

Product/substance	1-Heptanol, 2-propyl- , 8EO
Species:	Fish, Oncorhynchus mykiss
Duration:	96 hours
Test:	LC50
Result:	10-100 mg/L

Product/substance	1-Heptanol, 2-propyl- , 8EO
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	10-100 mg/L

Product/substance	1-Heptanol, 2-propyl- , 8EO
Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	10-100 mg/L

Product/substance	2-(2-butoxyethoxy)ethanol
Species:	Fish, Leuciscus idus
Duration:	96 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	2-(2-butoxyethoxy)ethanol
Species:	Algae, Scenedesmus subspicatus
Duration:	96 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	2-(2-butoxyethoxy)ethanol
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	Disodium dioxido(oxo)silane pentahydrate
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	210 mg/L

Product/substance	Disodium dioxido(oxo)silane pentahydrate
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	1700 mg/L

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Fish, Danio rerio
Duration:	96 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Fish, Danio rerio
Duration:	28 days
Test:	NOEC
Result:	1-10 mg/L

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Daphnia, Danio rerio
Duration:	21 days
Test:	NOEC
Result:	1-10 mg/L

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	10-100 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Species:	Fish, Leuciscus idus
Duration:	96 hours
Test:	LC50
Result:	10-100 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Species:	Daphnia, Daphnia magna

Duration:	48 hours
Test:	EC50
Result:	10-100 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Species:	Daphnia, Daphnia magna
Test:	NOEC
Result:	0,1-1 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Species:	Fish, Leuciscus idus
Test:	NOEC
Result:	1-10 mg/L

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

12.2. ▼Persistence and degradability

Product/substance	1-Heptanol, 2-propyl- , 8EO
Conclusion:	Readily biodegradable
Test:	OECD 301 D

Product/substance	2-(2-butoxyethoxy)ethanol
Result:	100%
Conclusion:	Readily biodegradable
Test:	OECD 301 E

Product/substance	Disodium dioxido(oxo)silane pentahydrate
Conclusion:	Readily biodegradable

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Conclusion:	Readily biodegradable

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Conclusion:	Readily biodegradable

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	1-Heptanol, 2-propyl- , 8EO
Conclusion:	No potential for bioaccumulation

Product/substance	2-(2-butoxyethoxy)ethanol
LogKow:	1.0000
Conclusion:	No potential for bioaccumulation
Product/substance	Disodium dioxido(oxo)silane pentahydrate
Conclusion:	No potential for bioaccumulation
Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Conclusion:	No potential for bioaccumulation
Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Conclusion:	No potential for bioaccumulation

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
None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. 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.
Waste regulation (SFS 2020:614).

EWC code: 07 06 04*
Other organic solvents, 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	-	-	-	-	-	-

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
IATA	-	-	-	-	-	-

* Packing group
** Environmental hazards

▼**Additional information**

Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.
The product is not classified as dangerous goods in Class 8 according to the calculation method for ADR and RID, marginal number 2.2.8.1.6.3 up to 2.2.8.1.8.
The product is not classified as dangerous goods in Class 8 according to the calculation method for the IMDG Code, marginal number 2.8.4.3 up to 2.8.4.3.5.

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 work with this product. This does not apply if the working task is: - performed by young people who have completed upper secondary education or equivalent education for the task or - included in teaching that is located in a school premises or other place that is specially arranged for teaching, or - included in supervisor-led internships for young people, or - of such a nature that the risk of injury is considered to be minimal.
Demands for specific education:	No specific requirements.
SEVESO - Categories / dangerous substances:	Not applicable.
REACH, Annex XVII:	2-(2-butoxyethoxy)ethanol is subject to REACH restrictions (entry 55).
Labelling of contents according to Detergents Regulation (EC) No 648/2004:	>5% - <15% · Non-ionic surfactants < 5% · Anionic surfactants
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.
Tactile warning.
If this product is sold in retail, it must be delivered with child-resistant fastening.

▼*Sources:* The Swedish Work Environment Authority's regulations and general guideline (AFS 2023:2) on planning and organizing work environment work - basic obligations for you with employer responsibility
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
Waste regulation (SFS 2020:614).
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

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H290, May be corrosive to metals.
H302, Harmful if swallowed.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory irritation.
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).
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).

The safety data sheet is validated by

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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: SE-en