SAFETY DATA SHEET

Ceramic Schampo

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

1.1. Product Identifier

Trade name: Ceramic Schampo

Product no.: 1048

▼*Unique formula identifier (UFI):* UPE8-6UGR-1JC6-QC88

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

Relevant identified uses of the substance or mixture: Car shampoo

Uses advised against : None known.

1.3. Details of the supplier of the safety data sheet

▼*Company and address:*

Ditec International AB
Dragrännan 2
S-746 50 BÅLSTA
Sweden
+46 10 344 74 50

E-mail: info@ditecinternational.com

▼*Revision:* 21/10/2026

▼*SDS Version:* 3.0

▼*Date of previous version:* 18/12/2024 (2.0)

1.4. ▼Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)
General public:
England - Dial 111 to reach NHS 111 (24 hour service)
Scotland - Dial 111 to reach NHS 24 (24 hour service)
Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour 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

Eye Dam. 1; H318, Causes serious eye damage.

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

2.2. ▼Label elements

Hazard pictogram(s):



Signal word: Danger

Hazard statement(s): Causes serious eye damage. (H318)
Harmful to aquatic life with long lasting effects. (H412)

▼*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:* Wear eye protection/protective gloves. (P280)

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)
Immediately call a POISON CENTER/doctor. (P310)

▼*Storage:* Not applicable.

▼*Disposal:* Dispose of contents/container in accordance with local regulation.
(P501)

Hazardous substances: 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts
1-Heptanol, 2-propyl- , 8EO
1,2-benzisothiazol-3(2H)-one

Additional labelling: EUH208, Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

UFI: UPE8-6UGR-1JC6-QC88

Labelling of contents according to Detergents Regulation (EC) No 648/2004 (applicable to packaging of detergents sold to the general public):
< 5%
· Amphoteric surfactants
· Non-ionic surfactants
· Perfumes
· Preservation agent (BENZISOTHIAZOLINONE)

2.3. Other hazards

Additional warnings: This product contains a vPvB and/or PBT substance:
Octamethylcyclotetrasiloxane (PBT / vPvB)
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
Polydimethylsiloxane, diquaternary	CAS No.: 134737-05-6 EC No.: UK-REACH: Index No.:	5-10%	Aquatic Chronic 2, H411	
(2-methoxymethylethoxy)propanol	CAS No.: 34590-94-8 EC No.: 252-104-2 UK-REACH: Index No.:	3-5%		[1]
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts	CAS No.: 97862-59-4 EC No.: 931-296-8 UK-REACH: Index No.:	1-3%	Eye Dam. 1, H318 (SCL: 10.0000001 %) Eye Irrit. 2, H319 (SCL: 4.0000001 %) Aquatic Chronic 3, H412	
1-Heptanol, 2-propyl- , 8EO	CAS No.: 160875-66-1 EC No.: UK-REACH: Index No.:	1-3%	Acute Tox. 4, H302 Eye Dam. 1, H318	
1,2-benzisothiazol-3(2H)-one	CAS No.: 2634-33-5 EC No.: 220-120-9 UK-REACH: Index No.: 613-088-00-6	<0.036%	Acute Tox. 4, H302 (ATE: 450.00 mg/kg) Skin Irrit. 2, H315 Skin Sens. 1A, H317 (SCL: 0.036 %) Eye Dam. 1, H318 Acute Tox. 2, H330 (ATE: 0.21 mg/L) Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
Octamethylcyclotetrasiloxane	CAS No.: 556-67-2 EC No.: 209-136-7 UK-REACH: Index No.: 014-018-00-1	<0.05%	Flam. Liq. 3, H226 Repr. 2, H361f Aquatic Chronic 1, H410 (M=10)	[3], [5], [6], [7]

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 UK REACH, Annex XVII, the substance is subject to restrictions.
[5] Substance is included in the Candidate List of substances of very high concern (SVHC).
[6] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[7] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

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:	IF ON SKIN: Wash with plenty of water/water and soap. Remove contaminated clothing and shoes. 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 saline solution (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:*	If the person is conscious, rinse the mouth with water and stay with the person. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
Burns:	Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact. Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.
The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

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.

5.3. ▼Advice for firefighters
Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Health Service (dial 111, 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. In the event of leakage to the surroundings, contact local environmental authorities.

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
It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.
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:	Room temperature 18 to 23°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-methoxymethylethoxy)propanol
Long term exposure limit (8 hours) (ppm): 50
Long term exposure limit (8 hours) (mg/m³): 308
Annotations:
Sk = Can be absorbed through the skin and lead to systemic toxicity.

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-methoxymethylethoxy)propanol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	121 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	283 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	37.2 mg/m³
Long term – Systemic effects - Workers	Inhalation	308 mg/kg
Long term – Systemic effects - General population	Oral	36 mg/kg bw/day

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts

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

Octamethylcyclotetrasiloxane

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	13 mg/m³
Long term – Local effects - Workers	Inhalation	73 mg/m³

Long term – Systemic effects - General population	Inhalation	13 mg/m³
Long term – Systemic effects - Workers	Inhalation	73 mg/m³
Short term – Local effects - General population	Inhalation	13 mg/m³
Short term – Local effects - Workers	Inhalation	73 mg/m³
Short term – Systemic effects - General population	Inhalation	13 mg/m³
Short term – Systemic effects - Workers	Inhalation	73 mg/m³
Long term – Systemic effects - General population	Oral	3.7 mg/kg bw/day
Short term – Systemic effects - General population	Oral	3.7 m mg/kg bw/day

▼ **PNEC**

(2-methoxymethylethoxy)propanol

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		19 mg/L
Freshwater sediment		70.2 mg/kg
Intermittent release		190 mg/L
Marine water		1.9 mg/L
Marine water sediment		7.02 mg/kg
Sewage treatment plant		4168 mg/L
Soil		2.74 mg/kg

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0.013 mg/L
Freshwater sediment		11.1 mg/kg dw
Marine water		0.001 mg/L
Marine water sediment		1.11 mg/kg dw
Sewage treatment plant		3000 mg/L
Soil		0.85 mg/kg dw

Octamethylcyclotetrasiloxane

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0.44 µg/L
Freshwater sediment		0.59 mg/kg dw
Marine water		0.044 µg/L
Marine water sediment		0.059 mg/kg dw
Sewage treatment plant		10 mg/L
Soil		0.15 mg/kg dw

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: Use only UKCA marked protective equipment.

▼*Respiratory Equipment:*
No specific requirements.

Skin protection:
No specific requirements.

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	-	-	EN374-2	

▼*Eye protection:*

Type	Standards	
Safety glasses with side shields.	EN 166 / EN ISO 16321-1	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Blue
Odour / Odour threshold:	Perfume
pH:	6
Density (g/cm³):	1
▼*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

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

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

▼Acute toxicity

Product/substance	(2-methoxymethylethoxy)propanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>5000 mg/kg

Product/substance	(2-methoxymethylethoxy)propanol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	9510 mg/kg

Product/substance	(2-methoxymethylethoxy)propanol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50 (vapour)
Result:	3.35 mg/L

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts

Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>620 mg/kg

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts

Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	2335 mg/kg

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

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Mouse
Route of exposure:	Oral
Test:	LD50
Result:	1150 mg/kg

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	597 mg/kg

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg engångsdos ·

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1020 mg/kg ·

Product/substance	Octamethylcyclotetrasiloxane
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	4800 mg/kg

Product/substance	Octamethylcyclotetrasiloxane
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	36 mg/l, 4h ·

Product/substance	Octamethylcyclotetrasiloxane
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>2400 mg/kg ·

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

▼Skin corrosion/irritation

Product/substance	Octamethylcyclotetrasiloxane
Test method:	OECD 404

Species:	Rat
Result:	No adverse effect observed (Not irritating)

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

Serious eye damage/irritation

Product/substance	Octamethylcyclotetrasiloxane
Test method:	OECD 405
Species:	Rabbit
Result:	No adverse effect observed (Not irritating)

Causes serious eye damage.

Respiratory sensitization

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

▼Skin sensitisation

Product/substance	Octamethylcyclotetrasiloxane
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

This product contains substances that may trigger an allergic reaction in already sensitized persons.

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

▼Symptoms related to the physical, chemical and toxicological characteristics

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

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 (2-methoxymethylethoxy)propanol
Species: Fish
Duration: 96 hours
Test: LC50
Result: >1000 mg/L

Product/substance (2-methoxymethylethoxy)propanol
Species: Daphnia
Duration: 48 hours
Test: EC50
Result: 1919 mg/L

Product/substance (2-methoxymethylethoxy)propanol
Species: Daphnia
Duration: 22 d
Test: NOEC
Result: 0.5 mg/L

Product/substance (2-methoxymethylethoxy)propanol
Species: Algae
Duration: 72 hours
Test: EC50
Result: >969 mg/L

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts
Species: Fish
Duration: 96 hours
Test: LC50
Result: 1.11 mg/L

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts
Species: Daphnia
Duration: 48 hours
Test: EC50
Result: 1.9 mg/L

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts
Species: Algae
Duration: 72 hours
Test: ErC50
Result: 2.4 mg/L

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts
Species: Fish
Duration: 37 d
Test: NOEC
Result: 0.135 mg/L

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts
Species: Daphnia
Duration: 21 days
Test: NOEC
Result: 0.3 mg/L

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

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

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

Product/substance 1,2-benzisothiazol-3(2H)-one
Species: Daphnia, Daphnia magna
Duration: 48 hours
Test: EC50
Result: 2.44 mg/L

Product/substance 1,2-benzisothiazol-3(2H)-one
Species: Fish
Duration: 96 hours
Test: LC50
Result: 0.74 mg/L

Product/substance Octamethylcyclotetrasiloxane
Species: Fish
Duration: 96 hours
Test: LC50
Result: >0.022 mg/L

Product/substance Octamethylcyclotetrasiloxane
Species: Daphnia
Duration: 48 hours
Test: EC50
Result: 0.015 mg/L

Harmful to aquatic life with long lasting effects.

12.2. ▼Persistence and degradability

Product/substance (2-methoxymethylethoxy)propanol

Result: 75%
Conclusion: -
Test: OECD 301 F

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts
Result: 91.6%
Conclusion: -
Test: OECD 301 B

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

12.3. ▼Bioaccumulative potential

Product/substance (2-methoxymethylethoxy)propanol
LogKow: 0.0060
Conclusion: -

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., inner salts
BCF: 71
Conclusion: -

Product/substance 1-Heptanol, 2-propyl- , 8EO
Conclusion: -

Product/substance 1,2-benzisothiazol-3(2H)-one
LogKow: 1.4
Conclusion: No potential for bioaccumulation

Product/substance Octamethylcyclotetrasiloxane
BCF: 12400
LogKow: 5.1000
Conclusion: -

12.4. Mobility in soil

(2-methoxymethylethoxy)propanol
LogKoc = 0.28, High mobility potential.

12.5. ▼Results of PBT and vPvB assessment

This product contains a vPvB and/or PBT substance:
Octamethylcyclotetrasiloxane (PBT / vPvB)

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

13.1. ▼Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)
HP 14 – Ecotoxic
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: 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	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group
** Environmental hazards
*** UN number or ID number

▼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:	Octamethylcyclotetrasiloxane is subject to restrictions, UK-REACH annex XVII (entry 70). Octamethylcyclotetrasiloxane is subject to UK-REACH restrictions (entry 40).
▼*REACH - Candidate List of substances of very high concern :*	Octamethylcyclotetrasiloxane is included in the Candidate List of substances of very high concern (SVHC).
Labelling of contents according to Detergents Regulation (EC) No 648/2004:	< 5% · Amphoteric surfactants · Non-ionic surfactants · Perfumes · Preservation agent (BENZISOTHIAZOLINONE)
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.
Sources:	The Management of Health and Safety at Work Regulations 1999. The Health and Safety at Work etc. Act 1974 Regulations 2013. 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

H226, Flammable liquid and vapour.
H302, Harmful if swallowed.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H330, Fatal if inhaled.
H361f, Suspected of damaging fertility.
H400, Very toxic to aquatic life.
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.

▼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
EC = Effective concentration
ED = Effective dose
EINECS = European Inventory of Existing Commercial chemical Substances
EL = Effective Loading
ErC = Concentration associated with x% growth rate response
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
HP = Hazardous Property code
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IC = X maximum inhibitory concentration
IMDG = International Maritime Dangerous Goods
LC = Lethal concentration
LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans
LD = Lethal dose
LOAEC = Lowest Observed Adverse Effect Concentration
LOAEL = Lowest Observed Adverse Effect Level
LOEC = Lowest Observed Effect Concentration
LogKow = logarithm of the n-octanol/water coefficient
LL = Lethal Loading
M = For multiplication factor

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NOAEC = No Observed Adverse Effect Concentration
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
NOELR = No Observable Effect Loading Rate
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
UVCB = 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 environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

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: GB-en