

WAXO'LUX CERAMIC SHAMPOO

VERSION 1.0

Issue date: 01 October 2023

Language: English

Safety data sheet based on the manufacturer GHS classification and technical data for this formulation.

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IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name	WaxO'lux Ceramic Shampoo
Product type	Mixture

1.2 Relevant identified uses and uses advised against

Relevant identified use	Vehicle shampoo and shine product.
Uses advised against	Any use other than the identified use.

1.3 Details of the supplier of the safety data sheet

Supplier	WaxO'lux
Address	De Tweede Geerden 29H, 5334 LH Velddriel, The Netherlands
Telephone	+31 (0)85 500 5020
E-mail	info@waxolux.nl
Website	www.waxolux.nl
Responsible contact	info@waxolux.nl

1.4 Emergency telephone number

In an emergency, contact the local emergency services or a national poison information centre. Netherlands: National Poisons Information Centre (NVIC), +31 (0)88 755 8000 (24 hours; for professional healthcare providers only).

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HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification based on the manufacturer GHS hazard communication data:

Hazard class	Category	Hazard statement
Eye irritation (Eye Irrit. 2)	Category 2	H319 - Causes serious eye irritation.
Skin sensitisation (Skin Sens. 1)	Category 1	H317 - May cause an allergic skin reaction.
Reproductive toxicity (Repr. 2)	Category 2	H361f - Suspected of damaging fertility.

The mixture contains at least 0.1% of a substance identified as PBT and vPvB. The available manufacturer data also describe the mixture as toxic to aquatic life with long-lasting effects.

2.2 Label elements

Signal word
WARNING



Hazard statements

H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H361f Suspected of damaging fertility.

Hazardous ingredients for labelling

Octamethylcyclotetrasiloxane; reaction mass of chloromethylisothiazolinone and methylisothiazolinone (3:1).

Precautionary statements

Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P261 Avoid breathing mist/vapours/spray. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response: P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P308+P313 IF exposed or concerned: Get medical advice/attention. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P337+P313 If eye irritation persists: Get medical advice/attention. P363 Wash contaminated clothing before reuse.

Storage/disposal: P405 Store locked up. P501 Dispose of contents/container in accordance with applicable regulations.

2.3 Other hazards

Special danger of slipping if product is spilled. The mixture contains a PBT/vPvB substance at a concentration of at least 0.1%. The available data indicate potential endocrine-disrupting properties and long-lasting aquatic toxicity.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

Substance	Identifier	Content	Classification in source data
Dimethyl-(aminoethylaminopropyl)methyl siloxane, trimethylsiloxy-terminated	CAS: proprietary	12 - <20%	Eye Irrit. 2, H319
Octamethylcyclotetrasiloxane	CAS 556-67-2	0.1 - <1%	Repr. 2, H361f; Flam. Liq. 3, H226; PBT; vPvB
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	CAS 55965-84-9	<0.1%	Acute Tox. 3, H301/H311/H331; Skin Corr. 1B, H314; Eye Dam. 1, H318; Skin Sens. 1, H317

PBT = persistent, bioaccumulative and toxic. vPvB = very persistent and very bioaccumulative. See Section 16 for the full text of hazard statements.

4 FIRST AID MEASURES

4.1 Description of first aid measures

General notes

Remove the affected person from the danger area and keep warm, still and covered. Remove contaminated clothing. In all cases of doubt, or if symptoms persist, seek medical advice. If unconscious, place in the recovery position. Never give anything by mouth to an unconscious person.

Following inhalation

Provide fresh air. If breathing is irregular or has stopped, immediately seek medical assistance and begin first aid.

Following skin contact

Wash with plenty of soap and water. If irritation or rash occurs, obtain medical advice.

Following eye contact

Remove contact lenses if present and easy to do. Rinse cautiously with clean water for several minutes. If irritation persists, obtain medical advice.

Following ingestion

Rinse mouth with water if the person is conscious. Do not induce vomiting. Seek medical advice if unwell.

4.2 Most important symptoms and effects

May cause an allergic skin reaction and serious eye irritation. Other symptoms and effects are not known from the available data.

4.3 Immediate medical attention and special treatment

Treat symptomatically.

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FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable media	Water spray, alcohol-resistant foam, BC powder or carbon dioxide (CO ₂).
Unsuitable media	Direct water jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products may include nitrogen oxides (NO_x), carbon monoxide (CO) and carbon dioxide (CO₂).

5.3 Advice for firefighters

Do not breathe fumes. Coordinate firefighting measures with the surrounding fire. Prevent contaminated firefighting water from entering drains or watercourses and collect it separately. Fight fire from a reasonable distance using suitable protective equipment.

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ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Remove persons to safety. Wear suitable protective equipment. Use respiratory protection if exposed to vapour, mist, aerosol or gases. Spilled product may create a slipping hazard.

6.2 Environmental precautions

Keep away from drains, surface water and groundwater. Retain contaminated washing water for appropriate disposal.

6.3 Methods and material for containment and cleaning up

Cover drains. Wipe up with absorbent material. Collect using sawdust, diatomaceous earth, sand or universal binder. Place in suitable labelled containers for disposal and ventilate the affected area.

6.4 Reference to other sections

See Section 5 for combustion products, Section 8 for personal protection, Section 10 for incompatible materials and Section 13 for disposal.

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HANDLING AND STORAGE

7.1 Precautions for safe handling

Use local and general ventilation. Avoid breathing mist or spray. Avoid contact with skin and eyes. Wash hands after use. Do not eat, drink or smoke in work areas. Keep away from food, drink and animal feed.

7.2 Conditions for safe storage, including incompatibilities

Keep the container tightly closed and protect from frost. Store locked up and away from oxidising agents.

7.3 Specific end use(s)

Vehicle shampoo and shine product. Follow the product label and directions for use.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No mixture-specific occupational exposure limit is available. National workplace limits may apply to individual components.

Relevant DNEL values from available component data

Substance	Route / population	DNEL	Exposure
Octamethylcyclotetrasiloxane	Inhalation / worker	73 mg/m3	Acute and chronic; local and systemic

Relevant PNEC values from available component data

Compartment	PNEC
Freshwater / marine water	0.44 / 0.044 microgram/l
Freshwater / marine sediment	3 / 0.3 mg/kg
Sewage treatment plant	10 mg/l
Soil	0.16 mg/kg
Secondary poisoning / top predators	1.7 mg/kg

8.2 Exposure controls

Engineering controls	Provide adequate general ventilation.
Eye/face protection	Wear suitable eye/face protection.
Hand protection	Wear chemical-resistant gloves tested to EN 374. Confirm resistance with the glove supplier for the intended conditions of use.
Skin protection	Wear suitable protective clothing. Wash hands thoroughly after handling.
Respiratory protection	If ventilation is inadequate or mist is generated, use suitable respiratory protection.
Environmental controls	Use appropriate containment. Prevent discharge to drains, surface water and groundwater.

9**PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

Physical state	Viscous liquid
Colour	Light green - clear
Odour	Fruity - citrus
Melting/freezing point	Not determined
Boiling point or initial boiling point	100 °C
Flammability	Not relevant for a liquid
Explosion limits	Not determined
Flash point	>100 °C at 101.3 kPa
Auto-ignition temperature	Not determined
Decomposition temperature	No data available
pH	5.5 - 6.5 at 25 °C
Viscosity	Not determined
Water solubility	Miscible in all proportions
Partition coefficient n-octanol/water	No data available
Vapour pressure	31.69 hPa at 25 °C
Density	0.99 - 1.01 g/cm3 at 20 °C
Relative vapour density	No data available
Particle characteristics	Not applicable (liquid)

9.2 Other information

Explosive properties	None
Oxidising properties	None
Evaporation rate	Not determined

10 STABILITY AND REACTIVITY

10.1 Reactivity

No specific reactivity hazard is known under normal conditions.

10.2 Chemical stability

Stable under the recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

No known hazardous reactions under normal conditions of use.

10.4 Conditions to avoid

Protect from frost and avoid conditions contrary to the storage guidance in Section 7.

10.5 Incompatible materials

Oxidising agents.

10.6 Hazardous decomposition products

No hazardous decomposition products are known under normal conditions. See Section 5 for combustion products.

11 TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes

Test data are not available for the complete mixture. Classification is based on the ingredients using the additivity method where applicable.

Hazard class	Assessment
Acute toxicity	Not classified as acutely toxic.
Skin corrosion/irritation	Not classified for skin corrosion or irritation.
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Suspected of damaging fertility.
STOT - single exposure	Not classified.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

Acute toxicity estimates for preservative component

Substance	Exposure route	ATE
Chloromethylisothiazolinone / methylisothiazolinone reaction mass (3:1)	Oral	100 mg/kg
Same reaction mass	Dermal	300 mg/kg
Same reaction mass	Inhalation: vapour	3 mg/l/4 h

11.2 Information on other hazards

The source data indicate that the mixture contains substance(s) with endocrine-disrupting potential.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic to aquatic life with long-lasting effects according to the available manufacturer data.

Substance	Endpoint	Value	Species	Time
Amino-functional siloxane	EL50	62 mg/l	Daphnia magna	48 h
Octamethylcyclotetrasiloxane	LC50	>22 microgram/l	Fish	96 h
Octamethylcyclotetrasiloxane	EC50	>1,000 mg/l	Aquatic invertebrates	96 h
Octamethylcyclotetrasiloxane	LC50	10 microgram/l	Fish	14 d
Octamethylcyclotetrasiloxane	EC50	>500 mg/l	Aquatic invertebrates	24 h

12.2 Persistence and degradability

No data are available for the complete mixture.

12.3 Bioaccumulative potential

The mixture contains a substance that fulfils the very bioaccumulative criterion.

12.4 Mobility in soil

No data are available.

12.5 Results of PBT and vPvB assessment

The mixture contains a substance identified as PBT and vPvB at a concentration of at least 0.1%.

12.6 Endocrine-disrupting properties

The available source data indicate endocrine-disrupting potential.

12.7 Other adverse effects

No additional information is available.

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DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product waste

Do not discharge into drains. Avoid release to the environment. Dispose of contents in accordance with local, regional and national regulations.

Packaging waste

Completely empty packaging may be recycled where facilities exist. Handle contaminated packaging in the same way as the product.

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TRANSPORT INFORMATION

Based on the available manufacturer data, the product is not subject to road, rail, sea or air dangerous-goods transport regulations.

14.1 UN number or ID number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable
14.4 Packing group	Not applicable
14.5 Environmental hazards	Not classified as environmentally hazardous for transport in the source data
14.6 Special precautions for user	Keep container closed, upright and protected from damage
14.7 Maritime transport in bulk	The product is not intended for transport in bulk according to IMO instruments

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REGULATORY INFORMATION

15.1 Safety, health and environmental regulations specific for the mixture

The underlying manufacturer document was prepared to the United States OSHA Hazard Communication Standard. This WaxO'lux document preserves the supplied classification and technical data. National and regional requirements

must be checked before placing the product on a specific market.

EU REACH inventory status	Not all ingredients were listed in the source data.
US TSCA inventory status	Not all ingredients were listed in the source data.
Canadian DSL inventory status	Not all ingredients were listed in the source data.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the mixture.

16 OTHER INFORMATION

16.1 Document information

Document version	1.0
Issue date	01 October 2023
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Technical data basis	Manufacturer safety data supplied for the same formulation.

16.2 Abbreviations and acronyms

Abbreviation	Meaning
ATE	Acute Toxicity Estimate
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging
DNEL	Derived No-Effect Level
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
PBT / vPvB	Persistent, bioaccumulative and toxic / very persistent and very bioaccumulative
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
STOT	Specific target organ toxicity

16.3 Full text of hazard statements

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H361f	Suspected of damaging fertility.

Disclaimer

The information in this safety data sheet is based on the present state of knowledge and relates only to the product identified above. It describes the product for health, safety and environmental purposes and is not a guarantee of technical performance. Users remain responsible for observing all applicable laws. This document must be reviewed if the formulation, classification or applicable legislation changes.