

WAXO'LUX PRE-WASH FOAM

VERSION 1.0
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Language: English

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

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**

Trade name	WaxO'lux Pre-Wash Foam
Product type	Mixture

1.2 Relevant identified uses and uses advised against

Relevant identified use	Vehicle shampoo/cleaner.
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

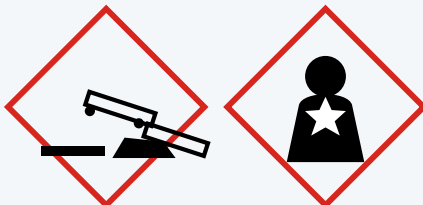
In an emergency, contact the local emergency services or a national poison information centre. Netherlands: National Poisons Information Centre (NVIC), +31 (0)88 755 8000 (24 hours; for professional healthcare providers only).

2 HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 (CLP):

Hazard class	Category	Hazard statement
Corrosive to metals (Met. Corr. 1)	Category 1	H290 - May be corrosive to metals.
Skin irritation (Skin Irrit. 2)	Category 2	H315 - Causes skin irritation.
Serious eye damage (Eye Dam. 1)	Category 1	H318 - Causes serious eye damage.
Carcinogenicity (Carc. 2)	Category 2	H351 - Suspected of causing cancer.

2.2 Label elements

Signal word DANGER		<p>Hazard statements H290 May be corrosive to metals. H315 Causes skin irritation. H318 Causes serious eye damage. H351 Suspected of causing cancer.</p> <p>Hazardous ingredients for labelling Alcohols, C9-11 ethoxylated; trisodium nitrilotriacetate.</p>
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Precautionary statements

Prevention: P280 Wear protective gloves/protective clothing/eye protection/face protection. P281 Use personal protective equipment as required.

Response: P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P321 Specific treatment (see product label). P390 Absorb spillage to prevent material damage.

Disposal: P501 Dispose of contents/container in accordance with applicable regulations.

2.3 Other hazards

This material is combustible but will not ignite readily. This mixture does not contain substances assessed as PBT or vPvB.

3

COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not relevant (mixture).

3.2 Mixtures

Substance	Identifiers	Wt%	Classification in source data
Trisodium nitrilotriacetate	CAS 18662-53-8 / 5064-31-3; EC 225-768-6	3 - <12	Acute Tox. 4, H302; Eye Irrit. 2, H319; Carc. 2, H351; IARC 2B
Alcohols, C9-11 ethoxylated	CAS 68439-46-3	3 - <12	Eye Dam. 1, H318
Dipropylene glycol monomethyl ether	CAS 34590-94-8; EC 252-104-2	3 - <12	IOELV
Sodium dodecylbenzenesulfonate	CAS 25155-30-0; EC 246-680-4	1 - <3	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318
Sodium metasilicate, anhydrous	CAS 6834-92-0; EC 229-912-9	1 - <3	Skin Corr. 1B, H314; Eye Dam. 1, H318; STOT SE 3, H335
Sodium hydroxide	CAS 1310-73-2; EC 215-185-5	1 - <3	Met. Corr. 1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318
Methanol	CAS 67-56-1; EC 200-659-6	0.1 - <1	Flam. Liq. 2, H225; Acute Tox. 3, H301/H311/H331; STOT SE 1, H370

IARC 2B: possibly carcinogenic to humans. IOELV: substance with a Community indicative occupational exposure limit value. See Section 16 for full hazard statements.

4

FIRST AID MEASURES

4.1 Description of first aid measures

General	Remove the affected person from danger. Keep warm, still and covered. Remove contaminated clothing. Seek medical advice if symptoms persist. Never give anything by mouth to an unconscious person.
Inhalation	Provide fresh air. If breathing is irregular or stopped, seek immediate medical assistance. Consult a physician in case of respiratory tract irritation.
Skin contact	Wash with plenty of soap and water.
Eye contact	Remove contact lenses if present and easy to do. Continue rinsing.
Ingestion	Rinse mouth with water if conscious. Do not induce vomiting.

4.2 Most important symptoms and effects

Symptoms and effects are not known to date.

4.3 Immediate medical attention and special treatment

None specified.

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FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable media	Water spray, BC powder or carbon dioxide (CO ₂).
Unsuitable media	Water jet.

5.2 Special hazards

The mixture is corrosive to metals. Hazardous combustion products may include nitrogen oxides, carbon monoxide and carbon dioxide.

5.3 Advice for firefighters

Do not breathe fire fumes. Coordinate firefighting measures with the surroundings. Prevent firefighting water entering drains or watercourses and collect it separately. Fight fire from a reasonable distance.

6

ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Remove non-emergency personnel to safety. Emergency responders should wear breathing apparatus if exposed to vapours, dust, spray or gases.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Cover drains. Absorb with cloth, fleece, sawdust, diatomite, sand or universal binder. Place collected material in suitable containers for disposal and ventilate the area.

6.4 Reference to other sections

See Sections 5, 8, 10 and 13.

7**HANDLING AND STORAGE****7.1 Precautions for safe handling**

Use local and general ventilation and work only in well-ventilated areas. 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

Store in a corrosion-resistant container with a resistant inner liner. Protect from frost. Use approved packaging suitable for corrosive goods.

7.3 Specific end use

Vehicle shampoo/cleaner. Use according to product instructions.

8**EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 Control parameters****Occupational exposure limits**

Agent	CAS	Limit
Dipropylene glycol monomethyl ether	34590-94-8	EU/GB TWA: 50 ppm / 308 mg/m ³
Sodium hydroxide	1310-73-2	GB WEL: 2 mg/m ³ (STEL)

Selected DNEL values stated in the source

Substance / route	DNEL
Trisodium nitrilotriacetate, inhalation worker	9.6 mg/m ³ acute; 3.2 mg/m ³ chronic
Alcohols C9-11 ethoxylated, worker	2,080 mg/kg dermal; 294 mg/m ³ inhalation
Dipropylene glycol monomethyl ether, worker	950 mg/kg dermal; 404 mg/m ³ inhalation
Sodium dodecylbenzenesulfonate, worker	52 mg/m ³ inhalation; 57.2 mg/kg bw/day chronic dermal; 80 mg/kg bw/day acute dermal
Sodium metasilicate anhydrous, worker	6.22 mg/m ³ inhalation; 1.49 mg/kg bw/day dermal
Sodium hydroxide, inhalation worker	1 mg/m ³ chronic local
Methanol, worker	260 mg/m ³ inhalation; 40 mg/kg dermal

Selected PNEC values stated in the source

Substance	PNEC values
Trisodium nitrilotriacetate	Freshwater 0.93 mg/l; marine 0.093 mg/l; STP 270 mg/l; intermittent 0.8 mg/l
Alcohols C9-11 ethoxylated	Freshwater/marine 0.1038 mg/l; STP 1.4 mg/l; sediment 13.7 mg/kg; soil 1 mg/kg; intermittent 0.014 mg/l
Dipropylene glycol monomethyl ether	Freshwater 19.2 mg/l; marine 1.92 mg/l; STP 4,168 mg/l; soil 2.2 mg/kg; intermittent 192 mg/l
Sodium dodecylbenzenesulfonate	Freshwater 0.693 mg/l; marine 1 mg/l; STP 50 mg/l; sediment 27.5/2.75 mg/kg; soil 25 mg/kg
Methanol	Freshwater 20.8 mg/l; marine 2.08 mg/l; STP 100 mg/l; sediment 77/7.7 mg/kg; soil 3.18 mg/kg; intermittent 1,540 mg/l

8.2 Exposure controls

Engineering controls	Provide general ventilation.
Eye/face protection	Wear eye/face protection.
Hand protection	Wear suitable chemical-resistant gloves tested to EN 374. Check integrity before use and confirm suitability with the glove supplier.
Skin protection	Use preventive skin protection and wash hands thoroughly after handling.
Respiratory protection	Wear suitable respiratory protection where ventilation is inadequate.
Environmental controls	Use appropriate containment. Keep away from drains, surface water and groundwater.

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

Physical state	Liquid
Colour	Transparent
Odour	Fruity
pH	Not determined
Melting/freezing point	Not determined
Initial boiling point/range	100 deg C

Flash point	66.1 deg C
Evaporation rate	Not determined
Flammability	Not relevant (fluid)
Lower explosion limit	1.1 vol%
Upper explosion limit	3 vol%
Vapour pressure	31.69 hPa at 25 deg C
Density	1.047 g/ml
Vapour density	Information not available
Solubility	Not determined
Partition coefficient	Information not available
Auto-ignition temperature	>200 deg C
Viscosity	Not determined
Explosive properties	None
Oxidising properties	None

9.2 Other information

Temperature class: T3. Maximum permissible surface temperature on equipment: 200 deg C.

10 STABILITY AND REACTIVITY

10.1 Reactivity	Corrosive to metals; see incompatible materials.
10.2 Chemical stability	Stable under recommended storage and handling conditions.
10.3 Hazardous reactions	No known hazardous reactions.
10.4 Conditions to avoid	No specific conditions are known, except protection from frost as stated in Section 7.
10.5 Incompatible materials	Oxidisers.
10.6 Decomposition products	No reasonably anticipated hazardous decomposition products are known. See Section 5 for combustion products.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

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

Acute toxicity	Not classified as acutely toxic. Component ATEs include trisodium nitrilotriacetate oral 1,740 mg/kg; sodium dodecylbenzenesulfonate oral 650 mg/kg; methanol oral 100 mg/kg, dermal 300 mg/kg and inhalation vapour 3 mg/l/4h.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Causes serious eye damage.
Respiratory/skin sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Suspected of causing cancer.
Reproductive toxicity	Not classified.
STOT - single exposure	Not classified for the mixture.
STOT - repeated exposure	Not classified.
Aspiration hazard	Not classified.

12 ECOLOGICAL INFORMATION

12.1 Toxicity	The mixture is not classified as hazardous to the aquatic environment.
12.2 Persistence/degradability	Data are not available.
12.3 Bioaccumulative potential	Data are not available.
12.4 Mobility in soil	Data are not available.
12.5 PBT/vPvB assessment	The mixture does not contain substances assessed as PBT or vPvB.
12.6 Other adverse effects	Data are not available.

13 DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

Do not empty into drains. Avoid release to the environment. Treat as dangerous waste and use approved packaging. Completely emptied packaging may be recycled. Handle contaminated packaging in the same way as the product. Comply with applicable national and regional waste rules.

14 TRANSPORT INFORMATION

14.1 UN number	UN 1760
14.2 Proper shipping name	CORROSIVE LIQUID, N.O.S. (sodium metasilicate, anhydrous; sodium hydroxide)
14.3 Transport hazard class	Class 8 - corrosive substances
14.4 Packing group	III - substance presenting low danger
14.5 Environmental hazards	Not environmentally hazardous under dangerous-goods regulations.
14.6 Special precautions	Comply with ADR provisions for dangerous goods.
14.7 Maritime transport in bulk	The cargo is not intended to be carried in bulk.

Modal transport details

Mode	Key information
ADR/RID/ADN	UN 1760; Class 8; code C9; PG III; label 8; SP 274; EQ E1; LQ 5 L; category 3; tunnel E; hazard no. 80; EAC 2X
IMDG	UN 1760; Class 8; PG III; label 8; SP 223/274; EQ E1; LQ 5 L; EmS F-A, S-B; stowage A; not marine pollutant
ICAO-IATA	UN 1760; Corrosive liquid, n.o.s.; Class 8; PG III; label 8; SP A3; EQ E1; LQ 1 L

15 REGULATORY INFORMATION**15.1 Safety, health and environmental regulations**

Deco-Paint Directive VOC	7.74%
Industrial Emissions Directive VOC	3.15%

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

16 OTHER INFORMATION**Full text of hazard statements used in Sections 2 and 3**

H225	Highly flammable liquid and vapour.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H351	Suspected of causing cancer.
H370	Causes damage to organs.

Abbreviations

ADR/ADN/RID: dangerous goods by road, inland waterways and rail; ATE: acute toxicity estimate; CLP: Classification, Labelling and Packaging; DNEL: derived no-effect level; IATA: air transport; IMDG: maritime dangerous goods; IOELV/WEL: occupational exposure limits; PBT/vPvB: persistent and bioaccumulative substances; PNEC: predicted no-effect concentration; REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals; STOT SE: specific target organ toxicity - single exposure; VOC: volatile organic compounds.

Data basis and classification method

Prepared from manufacturer safety data for the same formulation, revision 01 November 2018. Physical and chemical classification is based on tested mixture data. Health and environmental classification is based on the ingredients using the additivity formula. Key references include CLP, REACH, ADR/RID/ADN, IMDG and IATA DGR.

Disclaimer

The information is based on the present state of knowledge and is intended solely for the product described. It does not guarantee specific product properties. Users remain responsible for legal compliance and safe handling, storage, use and disposal.

END OF SAFETY DATA SHEET