WAXO'LUX LIQUID WAX

VERSION 1.0
Issue date: 17 May 2024
Language: English

Safety data sheet prepared from the supplied classification and technical data for the same PTFE-containing vehicle surface-protection formulation (source revision dated 17 May 2024).

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

1.1 Product identifier

Trade name	WaxO'lux Liquid Wax
UFI	YDS2-X0K0-T009-4P46
Product type	Mixture

1.2 Relevant identified uses and uses advised against

Relevant identified use	PTFE-containing surface-protection wax for vehicles; industrial/professional use.
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

For an acute emergency, call 112. Netherlands: National Poisons Information Centre (NVIC), +31 (0)88 755 8000 (24 hours; accessible to professional healthcare providers only).

2 HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Hazard class	Category	Hazard statement
Skin sensitisation	Category 1	H317 - May cause an allergic skin reaction.
Aquatic chronic hazard	Category 3	H412 - Harmful to aquatic life with long lasting effects.

2.2 Label elements

Signal word
WARNING

Hazard statements
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Hazardous ingredient for labelling

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1).

Precautionary statements

P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read carefully and follow all instructions. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace. P273 Avoid release to the environment.

P280 Wear protective gloves. P302+P352 IF ON SKIN: Wash with plenty of water. P362+P364 Take off contaminated clothing and wash it before reuse. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P321 Specific treatment is required (see label). P501 Dispose of contents/container in accordance with local, regional, national and international regulations.

2.3 Other hazards

The source data identify no applicable PBT or vPvB assessment result.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable (mixture).

3.2 Mixtures

Substance	Identifier	Content	Classification (CLP)
Hydrocarbons, C10-C12, isoalkanes, <2% aromatics	CAS 64741-65-7 EC 923-037-2	10-25%	Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; EUH066
Di(hydrogenated tallow) dimethylammonium chloride	CAS 61789-80-8	<1%	Eye Dam. 1, H318; Skin Irrit. 2, H315; Aquatic Acute 1, H400; Aquatic Chronic 1, H410
CMIT/MIT reaction mass (3:1)	CAS 55965-84-9	<1%	Acute Tox. 3, H301; Acute Tox. 2, H310/H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Skin Sens. 1A, H317; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); EUH071

CMIT/MIT specific concentration limits: Skin Corr. 1C / Eye Dam. 1 at C >= 0.6%; Skin Irrit. 2 / Eye Irrit. 2 at 0.06% <= C < 0.6%; Skin Sens. 1A at C >= 0.0015%. Inhalation ATE (4 h): 0.05 mg/l. See Section 16 for full hazard-statement text.

4 FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation

If unconscious, place and transport the affected person in the recovery position.

Skin contact

The source states that the product is generally not irritating to skin. Because it is classified as a skin sensitiser, remove contaminated clothing, wash with plenty of water and obtain medical advice if irritation or rash occurs.

Eye contact / ingestion

No product-specific instruction is stated in the source data. Seek medical advice if symptoms occur and have the product container or label available.

4.2 Most important symptoms and effects

No further relevant information is available. An allergic skin reaction may occur.

4.3 Immediate medical attention and special treatment

No further relevant information is available. Treat symptomatically.

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable media	Carbon dioxide, dry powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.
Unsuitable media	Full water jet.

5.2 Special hazards arising from the mixture

Under certain fire conditions, traces of other toxic substances cannot be excluded.

5.3 Advice for firefighters

No special protective equipment is specified in the source data. Use protective equipment appropriate to the fire conditions and avoid inhaling combustion products.

6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No special measures are specified in the source data. Use the personal protective equipment described in Section 8.

6.2 Environmental precautions

Do not allow entry into drains, surface water or groundwater. Notify the competent authority if the product enters wastewater or sewers. The source also instructs dilution with plenty of water where appropriate.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material such as sand, diatomaceous earth, acid binder, universal binder or sawdust. Ensure adequate ventilation and place collected material in suitable containers for disposal.

6.4 Reference to other sections

See Sections 7, 8 and 13 for safe handling, personal protection and disposal information.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Ensure good ventilation or local extraction. Avoid aerosol formation. Keep away from ignition sources; do not smoke. Protect from heat and take precautions against static discharge.

7.2 Conditions for safe storage, including incompatibilities

Store in a cool place. Keep away from food and drink. Protect from heat and direct sunlight.

7.3 Specific end use(s)

PTFE-containing surface-protection wax for vehicles. Follow the product label and workplace instructions.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Substance	Workplace exposure limit
CMIT/MIT reaction mass (3:1), CAS 55965-84-9	Netherlands WGW long-term value: 0.2 mg/m3

8.2 Exposure controls

Engineering controls	Provide adequate ventilation; see Section 7.
General hygiene	Observe normal precautions for handling chemicals. Remove contaminated clothing immediately. Wash hands before breaks and at the end of work.
Respiratory protection	Not required where ventilation is adequate.
Hand protection	Wear impermeable, product-resistant protective gloves. Select material and verify breakthrough time, permeation and degradation with the glove manufacturer.
Eye/face protection	Wear tightly fitting safety goggles.
Body protection	Wear suitable protective work clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	According to product specification
Odour	Characteristic
Odour threshold	Not determined

Melting/freezing point	Not determined
Boiling point / range	Not determined
Flammability	Not determined
Lower / upper explosion limit	Not determined
Flash point	>60 deg C
Decomposition temperature	Not determined
pH at 20 deg C	7
Dynamic viscosity at 20 deg C	20,000 mPa.s
Water solubility	Fully miscible
Partition coefficient n-octanol/water	Not determined
Vapour pressure	Not determined
Density at 20 deg C	1 g/cm3
Relative density / vapour density	Not determined

9.2 Other information

Auto-ignition	Product is not self-igniting
Explosive properties	Product is not explosive
Organic solvent content	16.0%
VOC (EC)	16.04%
Evaporation rate	Not determined

10 STABILITY AND REACTIVITY

10.1 Reactivity

No further relevant information is available.

10.2 Chemical stability

No decomposition occurs when used as directed.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

Protect from heat, direct sunlight and ignition sources.

10.5 Incompatible materials

No further relevant information is available.

10.6 Hazardous decomposition products

No hazardous decomposition products are known under normal conditions.

11 TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes

C10-C12 isoalkanes route	Reported value
Oral LD50 (rat)	>6,000 mg/kg
Dermal LD50 (rabbit)	>3,000 mg/kg
Inhalation LC50/4 h (rat)	>7.8 mg/l

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.

Serious eye damage/irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	May cause an allergic skin reaction.
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 / repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met for the mixture.

11.2 Information on other hazards

None of the ingredients is listed as an endocrine disruptor in the source data.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

Harmful to aquatic life with long lasting effects. No further aquatic toxicity values are available for the mixture.

12.2 Persistence and degradability

No further relevant information is available.

12.3 Bioaccumulative potential

No further relevant information is available.

12.4 Mobility in soil

No further relevant information is available.

12.5 Results of PBT and vPvB assessment

Not applicable according to the source data.

12.6 Endocrine-disrupting properties

The source data state that the product contains no substances with endocrine-disrupting properties.

12.7 Other adverse effects

Harmful to fish. Netherlands water-hazard classification: Z(1), non-degradable substances with hazardous properties for humans and the environment. Do not discharge to groundwater, surface water or drains; even small quantities entering the ground may endanger drinking water.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not dispose of with household waste and do not allow the product to enter drains. Dispose of product and contaminated packaging in accordance with applicable regulations.

Waste hazard property	HP14 - Ecotoxic
Packaging	Dispose of in accordance with official regulations
Recommended cleaning agent	Water, with cleaning agent if necessary

14 TRANSPORT INFORMATION

The product is not assigned a UN number or transport class for normal package sizes according to the source data.

14.1 UN number	Not applicable
14.2 UN proper shipping name	Not applicable
14.3 Transport hazard class(es)	Not applicable for normal package sizes
14.4 Packing group	Not applicable for normal package sizes
14.5 Environmental hazards	Not applicable under transport regulations

14.6 Special precautions for user	Not applicable
14.7 Maritime transport in bulk	Not applicable

Source transport note: quantities above 450 litres are stated as ADR class 3, classification code F1, packing group III, and IMDG class 3, packing group III.

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation

CLP	Classified and labelled according to Regulation (EC) No 1272/2008
Netherlands water-hazard classification	Z(1): non-degradable substances with hazardous properties for humans and the environment

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

16 OTHER INFORMATION

16.1 Full text of hazard statements referenced in Sections 2 and 3

Code	Text
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H310	Fatal in contact with skin.
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.
H330	Fatal if inhaled.
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.
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH071	Corrosive to the respiratory tract.

16.2 Abbreviations

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ATE: Acute Toxicity Estimate. CLP: Regulation (EC) No 1272/2008. CMIT/MIT: chloromethylisothiazolinone/methylisothiazolinone. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. PBT: Persistent, Bioaccumulative and Toxic. PTFE: Polytetrafluoroethylene. REACH: Regulation (EC) No 1907/2006. vPvB: very Persistent and very Bioaccumulative. VOC: Volatile Organic Compounds. WGW: Dutch workplace exposure limit.

16.3 Document basis and notice

This English WaxO'lux presentation is based on the supplied safety data for the same formulation, source version 1 revised 17 May 2024. The classification, composition and technical values have not been recalculated.

The information describes the product for health, safety and environmental purposes and does not guarantee specific product properties. Users must verify suitability for the intended use and comply with current laws, label instructions and workplace procedures.