# WAXO'LUX CITRUS PRE-WASH

VERSION 1.0
Issue date: 17 May 2024
Language: English

Safety data sheet prepared from the supplied classification and technical data for the same alkaline vehicle-cleaning 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 Citrus Pre-Wash |
| UFI | KTV3-W0C6-M00R-DJT2 |
| Product type | Mixture |

### 1.2 Relevant identified uses and uses advised against

| | |
|---|---|
| Relevant identified use | Alkaline pre-wash cleaner 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 corrosion | Category 1A | H314 - Causes severe skin burns and eye damage. |
| Serious eye damage | Category 1 | H318 - Causes serious eye damage. |

### 2.2 Label elements

Signal word
DANGER

Hazard statement
H314 Causes severe skin burns and eye damage.

Hazardous ingredients for labelling
Sodium hydroxide; poly(oxy-1,2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy; fatty alcohol ether sulfate.

**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. P260 Do not breathe dust or mist. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTRE/doctor. P321 Specific treatment is required (see label).

P363 Wash contaminated clothing before reuse. P405 Store locked up. P501 Dispose of contents/container in accordance with applicable 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) |
|---|---|---|---|
| Sodium hydroxide | CAS 1310-73-2 EC 215-185-5 | 2-<5% | Skin Corr. 1A, H314; Acute Tox. 4, H302 |
| Poly(oxy-1,2-ethanediyl), alpha-(2-propylheptyl)-omega-hydroxy | CAS 160875-66-1 | 1-<3% | Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Irrit. 2, H315 |
| Fatty alcohol ether sulfate | CAS 68891-38-3 | 1-<3% | Eye Dam. 1, H318; Skin Irrit. 2, H315 |
| 2-(2-Butoxyethoxy)ethanol | CAS 112-34-5 EC 203-961-6 | 1-5% | Eye Irrit. 2, H319 |

Sodium hydroxide specific concentration limits: Skin Corr. 1A at C >= 5%; Skin Corr. 1B at 2% <= C < 5%; Skin Irrit. 2 and Eye Irrit. 2 at 0.5% <= C < 2%. CAS 160875-66-1 oral ATE: 500 mg/kg. Detergent labelling: <5% complexing agent, non-ionic surfactants and fatty alcohol ether sulfate.

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

**General**

Remove contaminated clothing immediately.

**Inhalation**

Move to fresh air. If unconscious, place and transport the affected person in the recovery position. Immediately obtain medical advice.

**Skin contact**

Immediately wash with water. Remove contaminated clothing.

**Eye contact**

Rinse open eyes under running water for several minutes and obtain immediate medical attention.

**Ingestion**

Give plenty of water. Move the person to fresh air and immediately call a doctor. Do not induce vomiting unless directed by medical personnel.

### 4.2 Most important symptoms and effects

No further relevant information is available. Severe burns and serious eye damage may occur.

### 4.3 Immediate medical attention and special treatment

Immediately contact a poison centre or doctor. 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

Wear protective clothing and keep unprotected persons away.

### 6.2 Environmental precautions

Do not allow undiluted product or large quantities to enter drains, surface water or groundwater. Dilute with plenty of water only where appropriate and controlled.

### 6.3 Methods and material for containment and cleaning up

Absorb with sand, diatomaceous earth, acid binder, universal binder or sawdust. Use a suitable neutralising agent. Dispose of contaminated material according to Section 13 and ensure adequate ventilation.

### 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

Provide good ventilation or local extraction. Avoid aerosol formation. No special fire or explosion precautions are specified.

### 7.2 Conditions for safe storage, including incompatibilities

No special storage-room or container requirements are specified. Keep away from food and drink. Protect from freezing and keep the container securely closed.

### 7.3 Specific end use(s)

Alkaline vehicle pre-wash cleaner. Follow the product label and workplace instructions.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

| Substance | Limit type | Short-term | Long-term |
|---|---|---|---|
| 2-(2-Butoxyethoxy)ethanol, CAS 112-34-5 | BGW | 100 mg/m3; 18 ppm | 50 mg/m3; 9 ppm (skin notation) |
| 2-(2-Butoxyethoxy)ethanol, CAS 112-34-5 | WGW | 100 mg/m3; 14.8 ppm | 50 mg/m3; 7.4 ppm |

### 8.2 Exposure controls

| | |
|---|---|
| Engineering controls | Provide adequate ventilation; see Section 7. |
| General hygiene | Observe normal chemical-handling precautions. Keep away from food and drink. Remove contaminated clothing immediately. Wash hands before breaks and after work. Avoid contact with eyes and skin. |
| 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; face protection is required where splashing is possible. |
| Body protection | Wear suitable protective work clothing. |
| Respiratory protection | Use suitable respiratory protection if ventilation is inadequate or mist/aerosol may be generated. |

## 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 | Not determined |
| Decomposition temperature | Not determined |
| pH at 20 deg C | 12.9 |
| Dynamic viscosity | Not determined |
| Water solubility | Fully miscible |
| Partition coefficient n-octanol/water | Not determined |
| Vapour pressure | Not determined |
| Density at 20 deg C | 1.057 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 | 2.6% |
| VOC (EC) | 3.31% |
| 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 under normal conditions.

### 10.4 Conditions to avoid

Protect from freezing and avoid uncontrolled aerosol formation.

### 10.5 Incompatible materials

No product-specific data are supplied. Because the product is strongly alkaline, keep away from acids and incompatible metals.

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known under normal conditions.

## 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes

| Substance / route | Reported value |
|---|---|
| Mixture oral ATE | 15,711 mg/kg |
| Sodium hydroxide oral LD50 (rat) | 2,000 mg/kg |
| CAS 160875-66-1 oral LD50 (ATE) | 500 mg/kg |
| 2-(2-Butoxyethoxy)ethanol oral LD50 (rat) | 5,660 mg/kg |
| 2-(2-Butoxyethoxy)ethanol dermal LD50 (rabbit) | 4,000 mg/kg |

| | |
|---|---|
| Acute toxicity | Based on available data, the mixture does not meet classification criteria. |
| Skin corrosion/irritation | Causes severe skin burns and eye damage. |
| Serious eye damage/irritation | Strongly irritating with risk of severe eye damage; causes serious eye damage. |
| Respiratory or skin sensitisation | Based on available data, the classification criteria are not met. |
| 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. |

### 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

No further mixture-specific aquatic toxicity information is available.

### 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

Netherlands water-hazard classification: B(4), slightly harmful to aquatic organisms. Do not discharge undiluted or unneutralised product, or large quantities, to groundwater, surface water or drains. Large releases may raise water pH and damage aquatic organisms; dilution at the application concentration considerably lowers the pH.

## 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 | HP4 - Irritant: skin irritation and eye damage |
| Packaging | Dispose of in accordance with official regulations |

| | |
|---|---|
| Recommended cleaning agent | Water, with cleaning agent if necessary |

## 14 TRANSPORT INFORMATION

| Item | ADR / IMDG / IATA |
|---|---|
| 14.1 UN number | UN 1719 |
| 14.2 Proper shipping name | CAUSTIC ALKALI LIQUID, N.O.S. (SODIUM HYDROXIDE) |
| 14.3 Hazard class / label | Class 8 / label 8; ADR classification code C5 |
| 14.4 Packing group | III |
| 14.5 Environmental hazards | Not applicable |

### 14.6 Special precautions for user

Warning: corrosive substances. Kemler hazard identification number: 80. IMDG EmS: F-A, S-B. Segregation group SGG18 (alkalis); stow away from ammonium salts and separated from acids. Stowage category A.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

ADR/IMDG limited quantity: 5 L. Excepted quantity: E1 (maximum 30 ml per inner packaging and 1,000 ml per outer packaging). Transport category 3; tunnel restriction code E. Passenger aircraft/rail quantity limit: 5 L; cargo aircraft only: 60 L.

## 15 REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation

| | |
|---|---|
| CLP | Classified and labelled according to Regulation (EC) No 1272/2008 |
| SVHC Candidate List | None of the ingredients is listed in the source data |
| Netherlands water-hazard classification | B(4): slightly harmful to aquatic organisms |

### 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 |
|---|---|
| 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. |

### 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. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. PBT: Persistent, Bioaccumulative and Toxic. REACH: Regulation (EC) No 1907/2006. vPvB: very Persistent and very Bioaccumulative. VOC: Volatile Organic Compounds. WGW/BGW: Dutch workplace exposure-limit systems.

### 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. Classification, composition and technical values have not been recalculated. The information is for health, safety and environmental purposes; users must verify suitability and follow applicable laws, label instructions and workplace procedures.