# WAXO'LUX INSECT REMOVER

VERSION 1.0
Issue date: 01 October 2023
Language: English

Prepared in accordance with Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP).

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

### 1.1 Product identifier

| | |
|---|---|
| Trade name | WaxO'lux Insect Remover |
| Product type | Mixture |
| REACH registration number | Not relevant (mixture) |

### 1.2 Relevant identified uses and uses advised against

| | |
|---|---|
| Relevant identified use | Vehicle cleaner; removal of insect residues from exterior vehicle surfaces. |
| Uses advised against | Any use other than the identified use. Do not use on hot surfaces or allow the product to dry. |

### 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. |
| Serious eye damage (Eye Dam. 1) | Category 1 | H318 - Causes serious eye damage. |

### 2.2 Label elements

Signal word
DANGER



Hazard statements
H290 May be corrosive to metals.
H318 Causes serious eye damage.

Hazardous ingredients for labelling
Alcohols, C9-11 ethoxylated; EDTA, anhydrous.

**Precautionary statements**

Prevention: P234 Keep only in original container. P280 Wear protective gloves/protective clothing/eye protection/face protection.

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. P310 Immediately call a POISON CENTER/doctor. P390 Absorb spillage to prevent material damage.

Storage: P406 Store in a corrosion-resistant container with a resistant inner liner.

### 2.3 Other hazards

No additional hazards are identified from the available supplier data. The mixture is not known to meet the PBT or vPvB criteria. No ingredients are identified as having endocrine-disrupting properties in the available data.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not relevant (mixture).

### 3.2 Mixtures

Description of the mixture:

| Substance | Identifier | Content | Classification according to CLP |
|---|---|---|---|
| Water | CAS 7732-18-5 EC 231-791-2 | 75 - <90% | Not classified |
| Alcohols, C9-11 ethoxylated | CAS 68439-46-3 | 5 - <10% | Eye Dam. 1, H318 |
| EDTA, anhydrous | CAS 64-02-8 EC 200-573-9 | 5 - <10% | Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Dam. 1, H318; STOT RE 2, H373 |
| Glycerin | CAS 56-81-5 EC 200-289-5 | 1 - <5% | Not classified |
| Acrylic polymer | Not available | 1 - <5% | Not classified |
| Potassium hydroxide | CAS 1310-58-3 EC 215-181-3 | <1% | Met. Corr. 1, H290; Acute Tox. 4, H302; Skin Corr. 1A, H314 |
| Dye | Not available | <1% | Not classified |

Exact percentages of ingredients are withheld as confidential business information. See Section 16 for the full text of hazard statements.

## 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

**General notes**

Do not leave the affected person unattended. Remove the 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, seek medical assistance immediately and begin first aid.

**Following skin contact**

Wash with plenty of soap and water. Remove contaminated clothing.

**Following eye contact**

Remove contact lenses if present and easy to do. Rinse cautiously with clean water for at least 10 minutes, holding the eyelids apart. Immediately contact a poison centre or doctor.

**Following ingestion**

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

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

Serious eye damage may occur. Other symptoms and effects are not known from the available data.

### 4.3 Indication of immediate medical attention and special treatment needed

Treat symptomatically. Immediate medical attention is required after eye exposure.

## 5 FIREFIGHTING MEASURES

### 5.1 Extinguishing media

| | |
|---|---|
| Suitable media | Water spray, alcohol-resistant foam, BC powder or carbon dioxide (CO2). |
| Unsuitable media | Direct water jet. |

### 5.2 Special hazards arising from the substance or mixture

The mixture may be corrosive to metals. Hazardous combustion products may include nitrogen oxides (NOx), 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 normal precautions and suitable protective equipment.

## 6 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: remove persons to safety. For emergency responders: wear suitable protective equipment. Use respiratory protection if exposed to vapour, mist, spray or gases.

### 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 such as cloth or fleece. Collect with 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.

## 7 HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Use local and general ventilation and work only in well-ventilated areas. Avoid contact with eyes. Wash hands after use. Do not eat, drink or smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Keep away from food, drink and animal feed.

### 7.2 Conditions for safe storage, including incompatibilities

Store in the original, corrosion-resistant container with a resistant inner liner. Keep the container tightly closed. Protect from frost. Observe guidance for combined storage and keep away from incompatible materials listed in Section 10.

### 7.3 Specific end use(s)

Vehicle cleaner for the removal of insect residues. Follow the product label and directions for use.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

No mixture-specific occupational exposure limit is available. National exposure limits may apply to individual components. Consult the applicable national workplace regulations.

**Relevant DNEL values from the available component data**

| Substance | Route / population | DNEL | Exposure |
|---|---|---|---|
| Alcohols, C9-11 ethoxylated | Dermal / worker | 2,080 mg/kg | Chronic systemic |

| Substance | Route / population | DNEL | Exposure |
|---|---|---|---|
| Alcohols, C9-11 ethoxylated | Inhalation / worker | 294 mg/m3 | Chronic systemic |
| EDTA, anhydrous | Inhalation / worker | 1.5 mg/m3 | Acute and chronic local |
| Glycerin | Inhalation / worker | 56 mg/m3 | Chronic local |
| Potassium hydroxide | Inhalation / worker | 1 mg/m3 | Chronic local |

**Relevant PNEC values from the available component data**

| Substance | Compartment | PNEC |
|---|---|---|
| Alcohols, C9-11 ethoxylated | Freshwater / marine water | 0.1038 mg/l |
| Alcohols, C9-11 ethoxylated | Sewage treatment plant | 1.4 mg/l |
| Alcohols, C9-11 ethoxylated | Sediment | 13.7 mg/kg |
| Alcohols, C9-11 ethoxylated | Soil | 1 mg/kg |
| Alcohols, C9-11 ethoxylated | Intermittent release | 0.014 mg/l |
| EDTA, anhydrous | Freshwater / marine water | 2.2 / 0.22 mg/l |
| EDTA, anhydrous | Sewage treatment plant | 43 mg/l |
| EDTA, anhydrous | Soil | 0.72 mg/kg |
| EDTA, anhydrous | Intermittent release | 1.2 mg/l |
| Glycerin | Freshwater / marine water | 0.885 / 0.0885 mg/l |
| Glycerin | Sewage treatment plant | 1,000 mg/l |
| Glycerin | Sediment | 3.3 mg/kg freshwater; 0.33 mg/kg marine |
| Glycerin | Soil / intermittent release | 0.141 mg/kg / 8.85 mg/l |

### 8.2 Exposure controls

| | |
|---|---|
| Engineering controls | Provide adequate general ventilation. |
| Eye/face protection | Wear chemical splash goggles and/or face protection. |
| Hand protection | Wear chemical-resistant gloves tested to EN 374. Check integrity before use and confirm chemical resistance with the glove supplier for the specific conditions of use. |
| Skin protection | Wear suitable protective clothing. Wash hands thoroughly after handling. |
| Respiratory protection | Normally not required with adequate ventilation. 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 | Liquid |
| Colour | Green |
| Odour | Characteristic |
| Melting/freezing point | Not determined |
| Boiling point or initial boiling point | 100 °C |
| Flammability | Not relevant for a liquid |
| Lower/upper explosion limit | 2.7 / 19 vol% |
| Flash point | Not determined |
| Auto-ignition temperature | 311 °C |
| Decomposition temperature | No data available |
| pH | 9.7 at 25 °C |

| | |
|---|---|
| Kinematic 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 | 1.035 g/ml |
| Relative density | 0.9 - 1.1 (water = 1) |
| 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

The mixture may be corrosive to metals.

### 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

Avoid frost and strong mechanical shock. Avoid conditions contrary to the storage guidance in Section 7.

### 10.5 Incompatible materials

Oxidising agents and materials that are not resistant to alkaline/corrosive mixtures.

### 10.6 Hazardous decomposition products

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

## 11 TOXICOLOGICAL INFORMATION

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

Test data are not available for the complete mixture. Classification is based on the components 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 damage (Eye Dam. 1). |
| Respiratory or skin sensitisation | Not classified. |
| Germ cell mutagenicity | Not classified. |
| Carcinogenicity | Not classified. |
| Reproductive toxicity | Not classified. |
| STOT - single exposure | Not classified. |
| STOT - repeated exposure | Not classified for the mixture. |

| Hazard class | Assessment |
|---|---|
| Aspiration hazard | Not classified. |

**Acute toxicity estimates for components**

| Substance | Exposure route | ATE |
|---|---|---|
| EDTA, anhydrous | Oral | 1,913 mg/kg |
| EDTA, anhydrous | Inhalation: dust/mist | 1.5 mg/l/4 h |
| Potassium hydroxide | Oral | 333 mg/kg |

### 11.2 Information on other hazards

No further toxicological information, including endocrine-disrupting properties, is available for the mixture.

## 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity

The mixture is not classified as hazardous to the aquatic environment.

| Substance | Endpoint | Value | Species | Time |
|---|---|---|---|---|
| Alcohols, C9-11 ethoxylated | LC50 | 7 mg/l | Fish | 96 h |
| Alcohols, C9-11 ethoxylated | EC50 | 2.5 mg/l | Aquatic invertebrates | 48 h |
| EDTA, anhydrous | LC50 | 121 mg/l | Fish | 96 h |
| EDTA, anhydrous | EC50 | 625 mg/l | Aquatic invertebrates | 24 h |
| Glycerin | LC50 | 54,000 mg/l | Fish | 96 h |

### 12.2 Persistence and degradability

No data are available for the complete mixture.

### 12.3 Bioaccumulative potential

| Substance | BCF | log Kow |
|---|---|---|
| Alcohols, C9-11 ethoxylated | No data | 3.75 |
| EDTA, anhydrous | 1.8 | No data |
| Glycerin | No data | -1.75 (pH 7.4, 25 °C) |

### 12.4 Mobility in soil

No data are available.

### 12.5 Results of PBT and vPvB assessment

No mixture-specific assessment is available. The available component data do not identify PBT or vPvB ingredients.

### 12.6 Endocrine-disrupting properties

No ingredients are identified as endocrine disruptors in the available data.

### 12.7 Other adverse effects

No additional information is available.

## 13 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. Use suitable approved containers for hazardous waste where required.

Waste codes must be assigned by the user according to the application and local waste legislation.

## 14 TRANSPORT INFORMATION

Based on the available data, the product is not subject to ADR/RID, ADN, IMDG or ICAO/IATA 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 |
| 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 |

## 15 REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety data sheet is structured in accordance with REACH. Classification and labelling are based on CLP. National legislation may also apply.

| | |
|---|---|
| REACH Annex XIV | None of the identified ingredients are listed in the available data. |
| REACH Annex XVII | General restrictions may apply to hazardous mixtures; no product-specific restriction has been identified from the available data. |
| VOC content (2004/42/EC) | 0% |
| VOC content (2010/75/EU) | 4.222% |
| Detergents Regulation (EC) 648/2004 | Non-ionic surfactants: 5% or over but less than 15%. |

### 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 |
| Language | English |
| Technical data basis | Manufacturer safety data supplied for the same formulation, revision 01 October 2023. |

### 16.2 Abbreviations and acronyms

| Abbreviation | Meaning |
|---|---|
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bioconcentration factor |
| CLP | Regulation (EC) No 1272/2008 on classification, labelling and packaging |
| DNEL | Derived No-Effect Level |
| EC50 / LC50 | Effective concentration / lethal concentration for 50% of test organisms |

| Abbreviation | Meaning |
|---|---|
| GHS | Globally Harmonized System of Classification and Labelling of Chemicals |
| IMDG | International Maritime Dangerous Goods Code |
| 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 RE | Specific target organ toxicity - repeated exposure |
| VOC | Volatile organic compounds |

## 16.3 Full text of hazard statements

| | |
|---|---|
| H290 | May be corrosive to metals. |
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage. |
| H332 | Harmful if inhaled. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |

## 16.4 Key references

Regulation (EC) No 1907/2006 (REACH), as amended; Regulation (EC) No 1272/2008 (CLP), as amended; Commission Regulation (EU) 2020/878; component data and classification supplied for this formulation.

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 and for assessing suitability for their specific use. This document must be reviewed if the formulation, classification or applicable legislation changes.