# Silicone Cleaner

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Reference number: 150000159
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## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form : Mixture
Trade name : Silicone Cleaner
Type of product : Detergent

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Main use category : Professional use,Industrial use
Use of the substance/mixture : Cleansing product

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

Rectavit N.V. N.V.
Ambachtenlaan 4
9080 Lochristi
Belgium
T +32 9 216 85 20 - F +32 9 216 85 30
msds@rectavit.be - www.Rectavit.be

### 1.4. Emergency telephone number

| Country | Organisation/Company | Address | Emergency number | Comment |
|---|---|---|---|---|
| Belgium | Centre Anti-Poisons/Antigifcentrum<br>c/o Hôpital Militaire Reine Astrid | Rue Bruyn 1<br>1120 Brussels | +32 70 245 245 | Please dial: 070 245 245 for any urgent questions about intoxication (free of charge 24/7), if not accessible, dial: 02 264 96 30 (standard fee) |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

| | |
|---|---|
| Flammable liquids, Category 3 | H226 |
| Acute toxicity (dermal), Category 4 | H312 |
| Acute toxicity (inhalation:dust,mist) Category 4 | H332 |
| Skin corrosion/irritation, Category 2 | H315 |
| Serious eye damage/eye irritation, Category 2 | H319 |
| Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation | H335 |
| Specific target organ toxicity – Repeated exposure, Category 2 | H373 |
| Aspiration hazard, Category 1 | H304 |
| Hazardous to the aquatic environment – Chronic Hazard, Category 3 | H412 |

Full text of H- and EUH-statements: see section 16

**Adverse physicochemical, human health and environmental effects**

No additional information available

## 2.2. Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Hazard pictograms (CLP) :

GHS02 GHS07 GHS08

Signal word (CLP) : Danger

Contains : xylene

Hazard statements (CLP) : H226 - Flammable liquid and vapour.
H304 - May be fatal if swallowed and enters airways.
H312+H332 - Harmful in contact with skin or if inhaled.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H335 - May cause respiratory irritation.
H373 - May cause damage to organs through prolonged or repeated exposure.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
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.
P501 - Dispose of contents, container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

## 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

| Component | |
|---|---|
| xylene (1330-20-7) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

# SECTION 3: Composition/information on ingredients

## 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---|---|
| xylene<br>substance with national workplace exposure limit(s) (BE); substance with a Community workplace exposure limit | CAS-No.: 1330-20-7<br>EC-No.: 215-535-7<br>EC Index-No.: 601-022-00-9<br>REACH-no: 01-2119488216-32 | > 75 | Flam. Liq. 3, H226<br>Acute Tox. 4 (Dermal), H312 (ATE=1100 mg/kg bodyweight)<br>Acute Tox. 4 (Inhalation), H332 (ATE=11 mg/l/4h)<br>Skin Irrit. 2, H315<br>Eye Irrit. 2, H319<br>STOT SE 3, H335<br>STOT RE 2, H373<br>Asp. Tox. 1, H304<br>Aquatic Chronic 3, H412 |

Full text of H- and EUH-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general : Observe (own) safety. If possible, approach victim and check vital functions. In case of injury and/or intoxication, call the European emergency number 112. Treat symptoms starting with most life-threatening injuries and disorders. Keep victim under observation, possibility of delayed symptoms.

First-aid measures after inhalation : Remove victim into fresh air. In case of respiratory problems, consult a doctor/medical service.

First-aid measures after skin contact : If possible, wipe up/dry remove chemical. Then rinse/shower immediately with (lukewarm) water. If irritation persists, consult a doctor/medical service.

First-aid measures after eye contact : Rinse immediately with (lukewarm) water. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, consult a doctor/medical service.

First-aid measures after ingestion : Rinse mouth with water. If you feel unwell, consult a doctor/medical service. Do not wait for symptoms to occur to consult Poison Center.

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

Symptoms/effects after inhalation : EXPOSURE TO HIGH CONCENTRATIONS: Irritation of the respiratory tract. Irritation of the nasal mucous membranes. Central nervous system depression. Dizziness. Headache. Coordination disorders. Disturbed motor response. Impaired memory. Disturbances of consciousness.

Symptoms/effects after skin contact : Tingling/irritation of the skin.

Symptoms/effects after eye contact : No effects known.

Symptoms/effects after ingestion : AFTER INGESTION OF HIGH QUANTITIES: Enlargement/affection of the liver. Symptoms similar to those listed under inhalation.

Chronic symptoms : Dry skin. Itching.

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

No additional information available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Quick-acting ABC powder extinguisher. Quick-acting BC powder extinguisher. Quick-acting class B foam extinguisher. Quick-acting CO2 extinguisher. Class B foam (not alcohol-resistant).

Unsuitable extinguishing media : Water (quick-acting extinguisher, reel); risk of puddle expansion. Water; risk of puddle expansion.

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

| | | |
|---|---|---|
| Fire hazard | : | DIRECT FIRE HAZARD: Flammable liquid and vapour. Gas/vapour flammable with air within explosion limits. INDIRECT FIRE HAZARD: May be ignited by sparks. May build up electrostatic charges: risk of ignition. |
| Explosion hazard | : | DIRECT EXPLOSION HAZARD: Gas/vapour explosive with air within explosion limits. INDIRECT EXPLOSION HAZARD: may be ignited by sparks. |
| Hazardous decomposition products in case of fire | : | Upon combustion: CO and CO2 are formed. |

### 5.3. Advice for firefighters

| | | |
|---|---|---|
| Precautionary measures fire | : | Exposure to fire/heat: keep upwind. Exposure to fire/heat: consider evacuation. Exposure to fire/heat: seal off low-lying areas. Exposure to fire/heat: have neighbourhood close doors and windows. |
| Firefighting instructions | : | Cool tanks/drums with water spray/remove them into safety. |
| Protection during firefighting | : | Heat/fire exposure: self-contained breathing apparatus (EN 136 + EN 137). |

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

| | | |
|---|---|---|
| Protective equipment | : | Gloves (EN 374). Face shield (EN 166). Protective clothing (EN 14605 or EN 13034). |
| Emergency procedures | : | Mark the danger area. Stop engines and no smoking. No naked flames or sparks. Spark- and explosionproof appliances and lighting equipment. Wash contaminated clothes. Large spills/in confined spaces: consider evacuation. |

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent spreading in sewers.

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

| | | |
|---|---|---|
| For containment | : | Contain released product, collect/pump into suitable containers. Plug the leak, cut off the supply. Dam up the liquid spill. Provide equipment/receptacles with earthing. Do not use compressed air for pumping over spills. Heating: dilute combustible gas/vapour with water curtain. |
| Methods for cleaning up | : | Take up liquid spill into a non combustible material e.g.: sand, earth, vermiculite or powdered limestone. Scoop absorbed substance into closing containers. Carefully collect the spill/leftovers. Damaged/cooled tanks must be emptied. Do not use compressed air for pumping over spills. Clean contaminated surfaces with an excess of water. Take collected spill to manufacturer/competent authority. Wash clothing and equipment after handling. |

### 6.4. Reference to other sections

No additional information available

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

| | | |
|---|---|---|
| Precautions for safe handling | : | Use spark-/explosionproof appliances and lighting system. Take precautions against electrostatic charges. Keep away from naked flames/heat. Keep away from ignition sources/sparks. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Keep container tightly closed. Do not discharge the waste into the drain. Do not use compressed air for pumping over. |
| Hygiene measures | : | Observe normal hygiene standards. |

### 7.2. Conditions for safe storage, including any incompatibilities

| | | |
|---|---|---|
| Heat and ignition sources | : | KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources. |
| Information on mixed storage | : | KEEP SUBSTANCE AWAY FROM: combustible materials. oxidizing agents. (strong) acids. halogens. highly flammable materials. |
| Storage area | : | Meet the legal requirements. Keep container in a well-ventilated place. Fireproof storeroom. Provide for a tub to collect spills. Provide the tank with earthing. |
| Special rules on packaging | : | SPECIAL REQUIREMENTS: closing. correctly labelled. meet the legal requirements. Secure fragile packagings in solid containers. |

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### 8.1.1 National occupational exposure and biological limit values

| Silicone Cleaner | |
|---|---|
| **EU - Indicative Occupational Exposure Limit (IOEL)** | |
| IOEL STEL [ppm] | 1 ppm |
| Remark | Skin |

| xylene (1330-20-7) | |
|---|---|
| **EU - Indicative Occupational Exposure Limit (IOEL)** | |
| IOEL TWA | 221 mg/m³ |
| IOEL TWA [ppm] | 50 ppm |
| IOEL STEL | 442 mg/m³ |
| IOEL STEL [ppm] | 100 ppm |
| **Belgium - Occupational Exposure Limits** | |
| OEL TWA | 221 mg/m³ |
| OEL TWA | 50 ppm |
| OEL STEL | 442 mg/m³ |
| OEL STEL | 100 ppm |

#### 8.1.2. Recommended monitoring procedures

No additional information available

#### 8.1.3. Air contaminants formed

No additional information available

#### 8.1.4. DNEL and PNEC

| xylene (1330-20-7) | |
|---|---|
| **DNEL/DMEL (Workers)** | |
| Acute - systemic effects, inhalation | 442 mg/m³ |
| Acute - local effects, inhalation | 442 mg/m³ |
| Long-term - systemic effects, dermal | 212 mg/kg bw/day |
| Long-term - systemic effects, inhalation | 221 mg/m³ |
| Long-term - local effects, inhalation | 221 mg/m³ |

| xylene (1330-20-7) | |
|---|---|
| **DNEL/DMEL (General population)** | |
| Acute - systemic effects, inhalation | 260 mg/m³ |
| Acute - local effects, inhalation | 260 mg/m³ |
| Long-term - systemic effects,oral | 12,5 mg/kg bw/day |
| Long-term - systemic effects, inhalation | 65,3 mg/m³ |
| Long-term - systemic effects, dermal | 125 mg/kg bw/day |
| Long-term - local effects, inhalation | 65,3 mg/m³ |
| **PNEC (Water)** | |
| PNEC aqua (freshwater) | 0,327 mg/l |
| PNEC aqua (marine water) | 0,327 mg/l |
| PNEC aqua (intermittent, freshwater) | 0,327 mg/l |
| **PNEC (Sediment)** | |
| PNEC sediment (freshwater) | 12,46 mg/kg dwt |
| PNEC sediment (marine water) | 12,46 mg/kg dwt |
| **PNEC (Soil)** | |
| PNEC soil | 2,31 mg/kg dwt |
| **PNEC (STP)** | |
| PNEC sewage treatment plant | 6,58 mg/l |

#### 8.1.5. Control banding

No additional information available

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

No additional information available

#### 8.2.2. Personal protection equipment

**Personal protective equipment symbol(s):**

#### 8.2.2.1. Eye and face protection

**Eye protection:**
Face shield (EN 166)

#### 8.2.2.2. Skin protection

**Skin and body protection:**
Protective clothing (EN 14605 or EN 13034)

**Hand protection:**
Protective gloves against chemicals (EN 374)

**Other skin protection**

**Materials for protective clothing:**
Excellent resistance: Polyvinylalcohol (PVA). Good resistance: Viton. Tetrafluoroethylene. Nitrile rubber. Poor resistance: Butyl rubber. Natural rubber. Neoprene. Polyethylene

#### 8.2.2.3. Respiratory protection

**Respiratory protection:**
Full face mask with filter type A at conc. in air > exposure limit

#### 8.2.2.4. Thermal hazards

No additional information available

#### 8.2.3. Environmental exposure controls

No additional information available

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Liquid |
| Colour | : | Colourless to light yellow. |
| Appearance | : | Liquid. |
| Odour | : | Pleasant odour. Aromatic odour. |
| Odour threshold | : | Not available |
| Melting point | : | -48 – 13 °C (1013 hPa) |
| Freezing point | : | Not available |
| Boiling point | : | 138 – 145 °C Data apply to the main component |
| Flammability | : | Not available |
| Explosive properties | : | Not classified. |
| Oxidising properties | : | Not classified. |
| Lower explosion limit | : | 0,9 – 1,1 vol % |
| Upper explosion limit | : | 6,7 – 7 vol % |
| Flash point | : | 18 – 32 °C Data apply to the main component |
| Auto-ignition temperature | : | 432 – 528 °C Data apply to the main component |
| Decomposition temperature | : | Not available |
| pH | : | Not available |
| Viscosity, kinematic | : | 0,74 mm²/s (20 °C) |
| Viscosity, dynamic | : | 0,581 – 0,76 mPa·s (25 °C) |
| Solubility | : | Insoluble in water. Soluble in ethanol. Soluble in ether. Soluble in acetone. Soluble in petroleum spirit.<br>Water: 0,015 – 0,017 g/100ml (25 °C)<br>Ethanol: complete<br>Ether: complete |
| Partition coefficient n-octanol/water (Log Kow) | : | Not available |
| Vapour pressure | : | 6,5 – 8,7 hPa (20 °C) |
| Vapour pressure at 50°C | : | 32 – 43 hPa |
| Critical pressure | : | 35160 – 37100 hPa Data apply to the main component |
| Saturation concentration | : | 29 – 37 g/m³ (20 °C) |
| Density | : | 860 – 880 kg/m³ (25 °C) |
| Relative density | : | Not available |
| Relative vapour density at 20°C | : | 3,7 Data apply to the main component |
| Relative density of saturated gas/air mixture | : | 1,02 Data apply to the main component |
| Particle characteristics | : | Not applicable |

### 9.2. Other information

#### 9.2.1. Information with regard to physical hazard classes

| | | |
|---|---|---|
| Critical temperature | : | 346 – 359 °C |

#### 9.2.2. Other safety characteristics

| | | |
|---|---|---|
| Minimum ignition energy | : | 0,2 mJ |
| Relative evaporation rate (ether=1) | : | 9,2 – 13,5 Data apply to the main component |
| Specific conductivity | : | 0,1 pS/m |
| VOC content | : | 100 % |
| Other properties | : | Gas/vapour heavier than air at 20°C,Clear,Physical properties depending on the composition,Slightly volatile,May generate electrostatic charges |

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reacts violently with (strong) oxidizers: (increased) risk of fire/explosion. Reacts with (some) acids.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No additional information available

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Avoid open fire or flames.

### 10.5. Incompatible materials

Combustible materials. Heat sources. Ignition sources. Oxidizing agent. Acids.

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Harmful in contact with skin.
Acute toxicity (inhalation) : Harmful if inhaled.

| Silicone Cleaner | |
|---|---|
| ATE CLP (dermal) | 1100 mg/kg bodyweight |
| ATE CLP (dust,mist) | 1,5 mg/l/4h |

| xylene (1330-20-7) | |
|---|---|
| LD50 oral rat | > 4000 mg/kg bodyweight (Equivalent or similar to EU Method B.1, Rat, Female, Experimental value, Oral, 14 day(s)) |
| LD50 oral | 4300 mg/kg bodyweight |
| LD50 dermal rabbit | > 4200 mg/kg bodyweight (4 h, Rabbit, Male, Experimental value, Dermal, 14 day(s)) |
| LD50 dermal | > 5000 mg/kg bodyweight |
| LC50 Inhalation - Rat | 29,09 mg/l (Equivalent or similar to EU Method B.2, 4 h, Rat, Male, Experimental value, Inhalation (vapours), 14 day(s)) |
| LC50 Inhalation - Rat (Dust/Mist) | > 10000 mg/l |

Skin corrosion/irritation : Causes skin irritation.

| xylene (1330-20-7) | |
|---|---|
| pH | No data available in the literature |

Serious eye damage/irritation : Causes serious eye irritation.

| xylene (1330-20-7) | |
|---|---|
| pH | No data available in the literature |

Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

Reproductive toxicity : Not classified
STOT-single exposure : May cause respiratory irritation.

| xylene (1330-20-7) | |
|---|---|
| STOT-single exposure | May cause respiratory irritation. |

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

| xylene (1330-20-7) | |
|---|---|
| LOAEL (oral, rat, 90 days) | 150 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents), Guideline: EPA OPP 82-1 (90-Day Oral Toxicity) |
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |

Aspiration hazard : May be fatal if swallowed and enters airways.

| Silicone Cleaner | |
|---|---|
| Viscosity, kinematic | 0,74 mm²/s (20 °C) |

| xylene (1330-20-7) | |
|---|---|
| Viscosity, kinematic | 0,74 mm²/s (20 °C) |

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

No additional information available

#### 11.2.2. Other information

Potential adverse human health effects and symptoms : Practically non-toxic if swallowed (LD50 oral, rat > 2000 mg/kg),Causes skin irritation,Harmful in contact with skin,Harmful if inhaled,Caution! Substance is absorbed through the skin

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.

Ecology - air : Not included in the list of substances which may contribute to the greenhouse effect (IPCC). Not included in the list of fluorinated greenhouse gases (Regulation (EU) No 517/2014). Photolysis in the air. Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009).

Ecology - water : Toxic to crustacea (Daphnia). Toxic to fishes. Groundwater pollutant. Fouling to shoreline. No inhibition of activated sludge. Toxic to algae.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Harmful to aquatic life with long lasting effects.

Not rapidly degradable

| xylene (1330-20-7) | |
|---|---|
| LC50 - Fish [1] | 2,6 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Static renewal, Fresh water, Read-across, Lethal) |
| EC50 - Crustacea [1] | > 3,4 mg/l Test organisms (species): Ceriodaphnia dubia |
| EC50 - Other aquatic organisms [1] | 350 mg/l waterflea |
| ErC50 algae | 4,36 mg/l (OECD 201: Alga, Growth Inhibition Test, 73 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) |
| LOEC (chronic) | 3,16 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |

| xylene (1330-20-7) | |
|---|---|
| NOEC chronic fish | > 1,3 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '56 d' |
| NOEC chronic algae | 0,44 mg/l (OECD 201: Alga, Growth Inhibition Test, 73 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP) |

### 12.2. Persistence and degradability

| Silicone Cleaner | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |

| xylene (1330-20-7) | |
|---|---|
| Persistence and degradability | Readily biodegradable in water. |

### 12.3. Bioaccumulative potential

| Silicone Cleaner | |
|---|---|
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |

| xylene (1330-20-7) | |
|---|---|
| BCF - Fish [1] | 7,2 – 25,9 (56 day(s), Oncorhynchus mykiss, Flow-through system, Fresh water, Read-across) |
| Partition coefficient n-octanol/water (Log Pow) | 3,2 (Read-across, 20 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |

### 12.4. Mobility in soil

| Silicone Cleaner | |
|---|---|
| Ecology - soil | Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation. |

| xylene (1330-20-7) | |
|---|---|
| Surface tension | 28,01 – 29,76 mN/m (25 °C) |
| Organic Carbon Normalized Adsorption Coefficient (Log Koc) | 2,73 (log Koc, Equivalent or similar to OECD 121, Read-across) |
| Ecology - soil | Low potential for adsorption in soil. May be harmful to plant growth, blooming and fruit formation. |

### 12.5. Results of PBT and vPvB assessment

| Silicone Cleaner |
|---|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

| Component | |
|---|---|
| xylene (1330-20-7) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII<br>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

### 12.6. Endocrine disrupting properties

No additional information available

### 12.7. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Do not discharge into drains or the environment. Dispose of at authorized waste collection point. Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals.

Additional information : Hazardous waste according to Directive 2008/98/EC, as amended by Regulation (EU) No 1357/2014 and Regulation (EU) No 2017/997.

European List of Waste (LoW, EC 2150/2002) : 15 01 10* - packaging containing residues of or contaminated by dangerous substances

## SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID /

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| **14.1. UN number or ID number** | | | | |
| UN 1307 | UN 1307 | UN 1307 | UN 1307 | UN 1307 |
| **14.2. UN proper shipping name** | | | | |
| xylenes | xylenes | xylenes | xylenes | xylenes |
| **Transport document description** | | | | |
| UN 1307 xylenes, 3, III, (D/E) | UN 1307 xylenes, 3, III (18°C c.c.) | UN 1307 xylenes, 3, III | UN 1307 xylenes, 3, III | UN 1307 xylenes, 3, III |
| **14.3. Transport hazard class(es)** | | | | |
| 3 | 3 | 3 | 3 | 3 |
|  |  |  |  |  |
| **14.4. Packing group** | | | | |
| III | III | III | III | III |
| **14.5. Environmental hazards** | | | | |
| Dangerous for the environment: No | Dangerous for the environment: No<br>Marine pollutant: No | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |
| No supplementary information available | | | | |

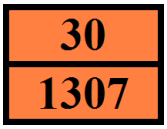
### 14.6. Special precautions for user

**Overland transport**

Transport regulations (ADR) : Subject to the provisions

Classification code (ADR) : F1

Hazard identification number (Kemler No.) : 30

Orange plates : 


Tunnel restriction code (ADR) : D/E

**Transport by sea**

Transport regulations (IMDG) : Subject to the provisions
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-D

**Air transport**

Transport regulations (IATA) : Subject to the provisions

**Inland waterway transport**

Classification code (ADN) : F1
Carriage permitted (ADN) : T

**Rail transport**

Transport regulations (RID) : Subject to the provisions
Classification code (RID) : F1

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

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

**REACH Annex XVII (Restriction List)**

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

**REACH Annex XIV (Authorisation List)**

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

**REACH Candidate List (SVHC)**

Contains no substance(s) listed on the REACH Candidate List

**PIC Regulation (Prior Informed Consent)**

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

**POP Regulation (Persistent Organic Pollutants)**

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

**Ozone Regulation (1005/2009)**

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

**VOC Directive (2004/42)**

VOC content : 100 %

**Detergent Regulation (648/2004)**

**Explosives Precursors Regulation (2019/1148)**

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

**Drug Precursors Regulation (273/2004)**

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

**Indication of changes:**
Physical and chemical properties.

| Full text of H- and EUH-statements: | |
|---|---|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment – Chronic Hazard, Category 3 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| H226 | Flammable liquid and vapour. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H412 | Harmful to aquatic life with long lasting effects. |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| STOT RE 2 | Specific target organ toxicity – Repeated exposure, Category 2 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | |
|---|---|---|
| Flam. Liq. 3 | H226 | Calculation method |
| Acute Tox. 4 (Dermal) | H312 | Calculation method |
| Acute Tox. 4 (Inhalation:dust,mist) | H332 | Calculation method |
| Skin Irrit. 2 | H315 | Calculation method |
| Eye Irrit. 2 | H319 | Calculation method |
| STOT SE 3 | H335 | Calculation method |
| STOT RE 2 | H373 | Calculation method |
| Asp. Tox. 1 | H304 | Calculation method |
| Aquatic Chronic 3 | H412 | Calculation method |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.