

# SAFETY DATA SHEET according to Regulation 1907/2006



Product name: 1072 HT Paint Spray

Creation date: 26.2.2013 · Revision: 24.1.2019 · Version: 1

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

### 1.1. Product identifier

Product name

**1072 HT Paint Spray**



chemius.net/Gsn7c

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

Relevant identified uses

Silver lacquer

Uses advised against

No information.

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

Manufacturer

SILCO, D.O.O.

Address: Šentrupert 5 a, 3303 Gomilsko, Slovenia

Phone: +386 3 703 3180

Fax: +386 3 703 3188

E-mail: n.cvilak@silco-automotive.com

Point of contact for safety info: Nejc Cvilak

### 1.4. Emergency telephone number

Emergency

112

Supplier

+386 3 703 3180

## SECTION 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

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

Aerosol 1; H222 Extremely flammable aerosol.

Aerosol 1; H229 Pressurised container: May burst if heated.

Acute Tox. 4; H312 Harmful in contact with skin.

Skin Irrit. 2; H315 Causes skin irritation.

Acute Tox. 4; H332 Harmful if inhaled.

STOT SE 3; H336 May cause drowsiness or dizziness.

Aquatic Chronic 2; H411 Toxic to aquatic life with long lasting effects.

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## 2.2 Label elements

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



Signal word: **Danger**

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P260 Do not breathe spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with national regulation.

### 2.2.2. Contains:

hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane (EC: 926-605-8)

xylene (CAS: 1330-20-7, EC: 215-535-7, Index: 601-022-00-9)

### 2.2.3. Special provisions

Vapours and air can at inadequate ventilation form an explosive mixture.

## 2.3. Other hazards

No information.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Product description

Benzene content: < 0,1 %.

### 3.1. Substances

For mixtures see 3.2.

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## 3.2. Mixtures

| Name  | CAS EC Index                           | %        | Classification according to Regulation (EC) No 1272/2008 (CLP)  | Specific Conc. Limits | REACH Registration No. |
|---|--|----------|---|-----------------------|------------------------|
| propane   | 74-98-6<br>200-827-9<br>601-003-00-5   | 20-<25   | Flam. Gas 1; H220<br>Press. Gas; H280   |                       | 01-2119486944-21       |
| xylene [C]  | 1330-20-7<br>215-535-7<br>601-022-00-9 | 12,5-<20 | Flam. Liq. 3; H226<br>Acute Tox. 4; H312<br>Skin Irrit. 2; H315<br>Acute Tox. 4; H332   |                       | -                      |
| butane [C]  | 106-97-8<br>203-448-7<br>601-004-00-0  | 12,5-<20 | Flam. Gas 1; H220<br>Press. Gas; H280   |                       | 01-2119474691-32       |
| hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane             | -<br>926-605-8<br>-                    | 5-<10    | Flam. Liq. 2; H225<br>Asp. Tox. 1; H304<br>STOT SE 3; H336<br>Aquatic Chronic 2; H411<br>EUH066                                       |                       | 01-2119486291-36       |
| isobutane [C, S]  | 75-28-5<br>200-857-2<br>601-004-00-0   | 5-<10    | Flam. Gas 1; H220<br>Press. Gas; H280   |                       | 01-2119485395-27       |
| aluminium powder (stabilised) [T]                                   | 7429-90-5<br>231-072-3<br>013-002-00-1 | 5-<10    | Flam. Sol. 1; H228<br>Water-react. 2; H261  |                       | 01-2119529243-45       |
| hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane  | -<br>921-024-6<br>-                    | 2,5-<5   | Flam. Liq. 2; H225<br>Asp. Tox. 1; H304<br>Skin Irrit. 2; H315<br>STOT SE 3; H336<br>Aquatic Chronic 2; H411                          |                       | 01-2119475514-35       |
| hydrocarbons, C7, n-alkanes, isoalkanes, cyclics                    | -<br>927-510-4<br>-                    | 2,5-<5   | Flam. Liq. 2; H225<br>Asp. Tox. 1; H304<br>Skin Irrit. 2; H315<br>STOT SE 3; H336<br>Aquatic Chronic 2; H411                          |                       | 01-2119475515-33       |
| hydrocarbons, C6, isoalkanes, <5% n-hexane                          | -<br>931-254-9<br>-                    | 2,5-<5   | Flam. Liq. 2; H225<br>Asp. Tox. 1; H304<br>Skin Irrit. 2; H315<br>STOT SE 3; H336<br>Aquatic Chronic 2; H411                          |                       | 01-2119484651-34       |
| ethylbenzene  | 100-41-4<br>202-849-4<br>601-023-00-4  | 2,5-<5   | Flam. Liq. 2; H225<br>Asp. Tox. 1; H304<br>Acute Tox. 4; H332<br>STOT RE 2; H373 (hearing organs)                                     |                       | 02-2119752523-40       |
| hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics | -<br>919-857-5<br>-                    | <2,5     | Asp. Tox. 1; H304<br>STOT SE 3; H336  |                       | 01-2119463258-33       |
| cyclohexane   | 110-82-7<br>203-806-2<br>601-017-00-1  | ≤0,5     | Flam. Liq. 2; H225<br>Asp. Tox. 1; H304<br>Skin Irrit. 2; H315<br>STOT SE 3; H336<br>Aquatic Acute 1; H400<br>Aquatic Chronic 1; H410 |                       | -                      |

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## Notes for substances:

|          |   |
|----------|---|
| <b>C</b> | Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers.<br><br>In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.   |
| <b>S</b> | This substance may not require a label according to Article 17 (see section 1.3 of Annex I) (Table 3.1).<br><br>This substance may not require a label according to Article 23 of Directive 67/548/EEC (see section 8 of Annex VI to that Directive) (Table 3.2).   |
| <b>T</b> | This substance may be marketed in a form which does not have the physical hazards as indicated by the classification in the entry in Part 3. If the results of the relevant method or methods in accordance with Part 2 of Annex I of this Regulation show that the specific form of substance marketed does not exhibit this physical property or these physical hazards, the substance shall be classified in accordance with the result or results of this test or these tests. Relevant information, including reference to the relevant test method(s) shall be included in the safety data sheet. |

## **SECTION 4. FIRST AID MEASURES**

### **4.1. Description of first aid measures**

#### General notes

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. Symptoms of poisoning may even occur after several hours; therefore medical observation is required at least 48 hours after the event.

#### Following inhalation

Remove patient to fresh air - move out of dangerous area. Victim should rest in a warm place. If symptoms develop and persist, seek medical attention. If victim is not breathing give artificial respiration. Seek medical help immediately. In case of unconsciousness bring patient into stable side position and seek medical attention.

#### Following skin contact

Take off all contaminated clothing. Wash affected skin areas thoroughly with plenty of water and soap. If symptoms develop and persist, seek medical attention.

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation does not stop, seek professional medical treatment!

#### Following ingestion

Do not induce vomiting! Rinse mouth thoroughly with water. Drink plenty of water in small sips. Immediately consult a doctor. Show the physician the safety data sheet or label.

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

#### Inhalation

Harmful.

Vapours may cause drowsiness and dizziness.

Symptoms include: headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, unconsciousness.

#### Skin contact

Harmful.

Itching, redness, pain.

#### Eye contact

Contact with eyes can cause irritation (redness, tearing, pain).

#### Ingestion

May cause nausea/vomiting and diarrhea.

May cause abdominal discomfort.

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

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## SECTION 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

Full water jet.

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

#### Hazardous combustion products

In case of a fire toxic gases can be generated; do not inhale gases/smoke.

### 5.3. Advice for firefighters

#### Protective actions

In case of fire or heating do not breathe fumes/vapours. Cool containers at risk with water spray. If possible remove containers from endangered area.

#### Special protective equipment for firefighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

#### Additional information

Contaminated firefighting water must be disposed of in accordance with the regulations; do not allow to reach the sewage system.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

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

#### 6.1.1. For non-emergency personnel

##### **Protective equipment**

Use personal protective equipment (Section 8).

##### **Emergency procedures**

Ensure adequate ventilation. Keep away from sources of ignition and/or heat; No smoking! Prevent access to unprotected personnel. Prevent access to unauthorised personnel. Avoid contact with skin and eyes. Do not breathe vapour or mist. Do not use open fire and keep away all sources of ignition.

#### 6.1.2. For emergency responders

Use personal protective equipment.

### 6.2. Environmental precautions

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible authorities.

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

#### 6.3.1. For containment

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#### 6.3.2. For cleaning up

Collect the spray cans and hand them over to an authorized waste disposal contractor. Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Make sure the leakage site is well aired.

#### 6.3.3. Other information

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#### 6.4. Reference to other sections

See also Sections 8 and 13.

### SECTION 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

##### 7.1.1. Protective measures

###### **Measures to prevent fire**

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Use spark-proof tools. Take precautionary measures against static discharges. Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

###### **Measures to prevent aerosol and dust generation**

-

###### **Measures to protect the environment**

-

##### 7.1.2. Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin and eyes. Do not breathe vapours/mist. Wear suitable protective equipment; see Section 8.

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

##### 7.2.1. Technical measures and storage conditions

Follow safe storage practices for packed compressed gas as described by the Compressed Gas Association or the relevant agency in the country where the product is used. Keep in cool and well ventilated area. Protect from open fire, heat and direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep in tightly closed container.

##### 7.2.2. Packaging materials

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##### 7.2.3. Requirements for storage rooms and vessels

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##### 7.2.4. Storage class

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##### 7.2.5. Further information on storage conditions

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#### 7.3. Specific end use(s)

##### **Recommendations**

-

##### **Industrial sector specific solutions**

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### 8.1.1. Occupational exposure limit values

| Name (CAS)                                    | Limit values               |                   | Short-term exposure limit  |                   | Remarks  | Biological Tolerance Values  |
|---|----------------------------|-------------------|----------------------------|-------------------|--|--|
|   | ml/m <sup>3</sup><br>(ppm) | mg/m <sup>3</sup> | ml/m <sup>3</sup><br>(ppm) | mg/m <sup>3</sup> |  |  |
| Aluminium metal inhalable dust (7429-90-5)    | -                          | 10                | -                          | -                 |  |  |
| Aluminium metal respirable dust (7429-90-5)   | -                          | 4                 | -                          | -                 |  |  |
| Butane (106-97-8)                             | 600                        | 1450              | 750                        | 1810              | Carc, (only applies if Butane contains more than 0.1% of buta-1,3-diene) |  |
| Cyclohexane (110-82-7)                        | 100                        | 350               | 300                        | 1050              |  |  |
| Ethylbenzene (100-41-4)                       | 100                        | 441               | 125                        | 552               | Sk   |  |
| Xylene, o-,m-,p- or mixed isomers (1330-20-7) | 50                         | 220               | 100                        | 441               | Sk, BMGV   | 650 mmol methyl hippuric acid/mol creatinine in urine - Post shift |
| xylene (1330-20-7)                            | 100                        | 440               |                            |                   |  |  |
| ethylbenzene (100-41-4)                       | 100                        | 442               |                            |                   | Europe ILV (Indicati   |  |
| ethylbenzene (100-41-4)                       | 100                        | 440               |                            |                   | TWA, Germany   |  |
| ethylbenzene (100-41-4)                       | 100                        | 440               |                            |                   | TWA, SI OEL  |  |

#### 8.1.2. Information on monitoring procedures

BS EN 14042:2003 Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2012+A1:2015 Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents. BS EN 689:2018 Workplace exposure. Measurement of exposure by inhalation to chemical agents. Strategy for testing compliance with occupational exposure limit values.

#### 8.1.3. DNEL/DMEL values

##### For components

| Name   | Type     | Exposure route | Exposure frequency           | Value                  | Remark |
|--|----------|----------------|------------------------------|------------------------|--------|
| hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane (-) | Worker   | dermal         | long term (systemic effects) | 773 mg/kg              |        |
| hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane (-) | Worker   | inhalation     | long term (systemic effects) | 2035 mg/m <sup>3</sup> |        |
| hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane (-) | Consumer | dermal         | long term (systemic effects) | 699 mg/kg              |        |
| hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane (-) | Consumer | inhalation     | long term (systemic effects) | 608 mg/m <sup>3</sup>  |        |
| hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane (-) | Consumer | oral           | long term (systemic effects) | 699 mg/kg              |        |

#### 8.1.4. PNEC values

No information.

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## 8.2. Exposure controls

### 8.2.1. Appropriate engineering control

#### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with eyes and skin. Do not breathe vapours/aerosols. Keep away from foodstuffs, beverages and feed. Keep away from direct sun-light or other heat sources and sources of ignition.

#### Organisational measures to prevent exposure

Remove all contaminated clothes immediately and wash them before reuse.

#### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration.

### 8.2.2. Personal protective equipment

#### Eye and face protection

No requirements under normal use conditions. If there is risk of splashing into eyes, wear safety glasses with side shields (EN 166).

#### Hand protection

Protective gloves (EN 374). Observe the manufacturer's instructions regarding the use, storage, maintenance and replacement of gloves. In case of damage or at the first signs of wear and tear, change the gloves immediately. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The penetration time is determined by the protective glove manufacturer and must be observed.

#### Appropriate materials

| Material     | Thickness | Penetration Time | Remark |
|--------------|-----------|------------------|--------|
| Butyl rubber | 0,4 mm    |                  |        |

#### Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345).

#### Respiratory protection

If the concentration limit values are exceeded, it is necessary to wear appropriate respiratory protection. Wear suitable respiratory protection mask (EN 136:1998) with an AX-P2 combination filter (EN 14387:2004 +A1:2008). For dust/gas/ vapor concentrations above the applicable filter limit, in case of oxygen concentrations below 17% or in vague conditions, autonomous self-contained breathing apparatus should be used, according to standard EN 137, EN 138.

#### Thermal hazards

-

### 8.2.3. Environmental exposure controls

-

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

|   |                 |                            |
|---|-----------------|----------------------------|
| - | Physical state: | liquid; aerosol            |
| - | Colour:         | according to specification |
| - | Odour:          | characteristic             |



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## Important health, safety and environmental information

|   |  |  |
|---|--|--|
| - | <b>pH</b>                                  | No information.  |
| - | <b>Melting point/freezing point</b>        | No information.  |
| - | <b>Initial boiling point/boiling range</b> | No information.  |
| - | <b>Flash point</b>                         | No information.  |
| - | <b>Evaporation rate</b>                    | No information.  |
| - | <b>Flammability (solid, gas)</b>           | 365 °C   |
| - | <b>Explosion limits (vol%)</b>             | 1 – 10,9 vol %   |
| - | <b>Vapour pressure</b>                     | 8300 hPa at 20 °C  |
| - | <b>Vapour density</b>                      | No information.  |
| - | <b>Density</b>                             | <b>Density:</b><br>0,68 g/cm <sup>3</sup> at 20 °C   |
| - | <b>Solubility</b>                          | <b>Water:</b><br>Insoluble   |
| - | <b>Partition coefficient</b>               | No information.  |
| - | <b>Auto-ignition temperature</b>           | No information.  |
| - | <b>Decomposition temperature</b>           | No information.  |
| - | <b>Viscosity</b>                           | No information.  |
| - | <b>Explosive properties</b>                | Product is not explosive. However, formation of explosive air/ vapour mixtures are possible. Product is not self igniting. |
| - | <b>Oxidising properties</b>                | No information.  |

## 9.2. Other information

|   |                                |  |
|---|--------------------------------|--|
| - | <b>Weight organic solvents</b> | 89,24 % (VOC (EU))<br>606,9 g/l (VOC (EU)) |
| - | <b>Solid contents</b>          | 14,9 %                                     |
| - | <b>Remarks:</b>                |  |

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

-

### 10.2. Chemical stability

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3. Possibility of hazardous reactions

The product is stable under recommended storage and handling conditions.

### 10.4. Conditions to avoid

Protect from heat, direct sunlight, open fire, sparks.

### 10.5. Incompatible materials

Not known.

### 10.6. Hazardous decomposition products

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

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## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### (a) Acute toxicity

| Name                    | Exposure route | Type             | Species | Time | Value                  | Method | Remark |
|-------------------------|----------------|------------------|---------|------|------------------------|--------|--------|
| xylene (1330-20-7)      | oral           | LD <sub>50</sub> | rat     |      | 3523 mg/kg             |        |        |
| xylene (1330-20-7)      | dermal         | LD <sub>50</sub> | rabbit  |      | > 2000 mg/kg           |        |        |
| xylene (1330-20-7)      | inhalation     | LC <sub>50</sub> | rat     | 4 h  | 8700 mg/m <sup>3</sup> |        |        |
| butane (106-97-8)       | inhalation     | LC <sub>50</sub> | rat     |      | 1443 mg/l              |        |        |
| ethylbenzene (100-41-4) | dermal         | LD <sub>50</sub> | rabbit  |      | 17800 mg/kg            |        |        |
| ethylbenzene (100-41-4) | oral           | LD <sub>50</sub> | rat     |      | 3500 mg/kg             |        |        |
| cyclohexane (110-82-7)  | oral           | LD <sub>50</sub> | rat     |      | 12705 mg/kg            |        |        |

**Additional information:** Harmful if inhaled. Harmful in contact with skin.

#### (b) Skin corrosion/irritation

**Additional information:** Causes skin irritation.

#### (c) Serious eye damage/irritation

No information.

#### (d) Respiratory or skin sensitisation

No information.

#### (e) (Germ cell) mutagenicity

No information.

#### (f) Carcinogenicity

No information.

#### (g) Reproductive toxicity

No information.

#### Summary of evaluation of the CMR properties

The product is not classified as carcinogenic, mutagenic or toxic for reproduction.

#### (h) STOT-single exposure

**Additional information:** May cause drowsiness or dizziness.

#### (i) STOT-repeated exposure

No information.

#### (j) Aspiration hazard

**Additional information:** Aspiration hazard: Not classified.

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## SECTION 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### 12.1.1. Acute (short-term) toxicity

##### For components

| Substance (CAS Nr.) | Type             | Value      | Exposure time | Species   | Organism                               | Method | Remark |
|---------------------|------------------|------------|---------------|-----------|--|--------|--------|
| xylene (1330-20-7)  | LC <sub>50</sub> | 7,6 mg/L   | 96 h          | fish      | <i>Oncorhynchus mykiss</i>             |        |        |
|                     | EC <sub>50</sub> | 3,82 mg/L  | 48 h          | crustacea | <i>Daphnia magna</i>                   |        |        |
|                     | EC <sub>50</sub> | 4,7 mg/L   | 72 h          | algae     | <i>Pseudokirchneriella subcapitata</i> |        |        |
|                     | EC <sub>50</sub> | > 175 mg/L | 24 h          | bacteria  |  |        |        |
|                     | LC <sub>50</sub> | 13,5 mg/L  | 96 h          | fish      |  |        |        |

#### 12.1.2. Chronic (long-term) toxicity

No information.

### 12.2. Persistence and degradability

#### 12.2.1. Abiotic degradation, physical- and photo-chemical elimination

No information.

#### 12.2.2. Biodegradation

No information.

### 12.3. Bioaccumulative potential

#### 12.3.1. Partition coefficient

No information.

#### 12.3.2. Bioconcentration factor (BCF)

No information.

### 12.4. Mobility in soil

#### 12.4.1. Known or predicted distribution to environmental compartments

No information.

#### 12.4.2. Surface tension

No information.

#### 12.4.3. Adsorption/Desorption

No information.

### 12.5. Results of PBT and vPvB assessment

No evaluation.

### 12.6. Other adverse effects

No information.

### 12.7. Additional information

#### For product

Toxic to aquatic life with long lasting effects.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Water hazard class 1 (self-assessment): slightly hazardous for water.

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## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

#### 13.1.1. Product / Packaging disposal

##### Waste chemical

Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste. Do not allow product to reach drains/sewage systems. Do not dispose together with household garbage.

##### Waste codes / waste designations according to LoW

08 01 11\* - waste paint and varnish containing organic solvents or other dangerous substances

##### Packaging

Deliver completely emptied containers to approved waste disposal authorities.

##### Waste codes / waste designations according to LoW

15 01 04 - metallic packaging

15 01 11\* - metallic packaging containing a dangerous solid porous matrix (for example asbestos), including empty pressure containers

#### 13.1.2. Waste treatment-relevant information

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#### 13.1.3. Sewage disposal-relevant information

-

#### 13.1.4. Other disposal recommendations

-

## SECTION 14. TRANSPORT INFORMATION

### 14.1. UN number

UN 1950

### 14.2. UN proper shipping name

AEROSOLS

IMDG name: AEROSOLS (hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane, hydrocarbons, C7, n-alkanes, isoalkanes, cyclics)

### 14.3. Transport hazard class(es)

2

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Additional labeling: ENVIRONMENTALLY HAZARDOUS

IMDG: MARINE POLLUTANT

### 14.6. Special precautions for user

#### Limited quantities

1 L

#### Tunnel restriction code

(D)



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## IMDG EmS

F-D, S-U

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Goods may not be carried in bulk in bulk containers, containers or vehicles.

## SECTION 15. REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2015/830)
- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

#### 15.1.1. Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

Not applicable.

### 15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

## SECTION 16. OTHER INFORMATION

#### Indication of changes

-

#### Abbreviations and acronyms

ATE - Acute Toxicity Estimate  
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW – see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods

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IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC<sub>50</sub> - Lethal Concentration to 50 % of a test population  
LD<sub>50</sub> - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment  
(Q)SAR - Qualitative Structure Activity Relationship  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail  
RIP - REACH Implementation Project  
RMM - Risk Management Measure  
SCBA - Self-Contained Breathing Apparatus  
SDS - Safety data sheet  
SIEF - Substance Information Exchange Forum  
SME - Small and Medium sized Enterprises  
STOT - Specific Target Organ Toxicity  
(STOT) RE - Repeated Exposure  
(STOT) SE - Single Exposure  
SVHC - Substances of Very High Concern  
UN - United Nations  
vPvB - Very Persistent and Very Bioaccumulative

## Key literature references and sources for data

-

## List of relevant H phrases

H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H228 Flammable solid.  
H261 In contact with water releases flammable gases.  
H280 Contains gas under pressure; may explode if heated.  
H304 May be fatal if swallowed and enters airways.  
H312 Harmful in contact with skin.  
H315 Causes skin irritation.  
H332 Harmful if inhaled.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure .  
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.  
EUH066 Repeated exposure may cause skin dryness or cracking.

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- Provided correct labelling of the product
- Compliance with the local legislation
- Provided correct classification of the product
- Provided adequate transport data

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