SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Trade name: Sample Agent Wheel rim silver satin 750 ml 17-09006
- Product code: 08850707Z

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

This information is not available.

1.3 Details of the supplier of the safety data sheet

- Company: ECKART GmbH
  Guentersthal 4
  91235 Hartenstein
- Telephone: +499152770
- Telefax: +49915277008
- E-mail address of person responsible for the SDS: msds.eckart@altana.com

1.4 Emergency telephone number

GBK Gefahrgut Büro GmbH, Ingelheim, Germany:
- From outside US: (001) 352-323-3500
- US & Canada (toll free): 1-800-5355-053

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Classification (REGULATION (EC) No 1272/2008)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable liquids, Category 2</td>
<td>H225: Highly flammable liquid and vapour.</td>
</tr>
<tr>
<td>Skin irritation, Category 2</td>
<td>H315: Causes skin irritation.</td>
</tr>
<tr>
<td>Eye irritation, Category 2</td>
<td>H319: Causes serious eye irritation.</td>
</tr>
<tr>
<td>Specific target organ toxicity - single exposure, Category 3, Central nervous system</td>
<td>H336: May cause drowsiness or dizziness.</td>
</tr>
<tr>
<td>Long-term (chronic) aquatic hazard, Category 3</td>
<td>H412: Harmful to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>
2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008)**

**Signal word**: Danger

**Hazard pictograms**

<table>
<thead>
<tr>
<th>Hazard statements</th>
<th>Concentration</th>
<th>Classification</th>
<th>CAS-No.</th>
<th>EC-No.</th>
<th>Index-No.</th>
<th>Registration number</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H225</td>
<td>&gt;= 20 - &lt; 25</td>
<td>Flam. Liq. 2;</td>
<td>141-78-6</td>
<td>205-500-4</td>
<td>607-022-00-5</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>H225</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Irrit. 2;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>H319</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 3;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>H336</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>May cause</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>drowsiness or</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dizziness.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H319</td>
<td>&gt;= 20 - &lt; 25</td>
<td>Flam. Liq. 2;</td>
<td>67-64-1</td>
<td>200-662-2</td>
<td>606-001-00-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>H225</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Irrit. 2;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>H319</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>STOT SE 3;</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>H336</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2.3 Other hazards

None known.

**SECTION 3: Composition/information on ingredients**

### 3.2 Mixtures

**Hazardous components**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>EC-No.</th>
<th>Index-No.</th>
<th>Registration number</th>
<th>Classification</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>205-500-4</td>
<td>607-022-00-5</td>
<td></td>
<td>Flam. Liq. 2; H225</td>
<td>&gt;= 20 - &lt; 25</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2; H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3; H336</td>
<td></td>
</tr>
<tr>
<td>acetone</td>
<td>67-64-1</td>
<td>200-662-2</td>
<td>606-001-00-8</td>
<td></td>
<td>Flam. Liq. 2; H225</td>
<td>&gt;= 20 - &lt; 25</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2; H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3; H336</td>
<td></td>
</tr>
</tbody>
</table>
### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General advice:**
- Move out of dangerous area.
- Show this safety data sheet to the doctor in attendance.
- Move the victim to fresh air.
- Do not leave the victim unattended.

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
<th>UN Number</th>
<th>Flammability</th>
<th>Health Effects</th>
<th>Concentration Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Xylene</td>
<td>1330-20-7</td>
<td>215-535-7</td>
<td>Flam. Liq. 3; H226</td>
<td>Acute Tox. 4; H332</td>
<td>&gt;= 10 - &lt; 12.5</td>
</tr>
<tr>
<td></td>
<td>601-022-00-9</td>
<td></td>
<td></td>
<td>Acute Tox. 4; H312</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Irrit. 2; H315</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Eye Irrit. 2; H319</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3; H335</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STOT RE 2; H373</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Asp. Tox. 1; H304</td>
<td></td>
</tr>
<tr>
<td>Aluminium powder (stabilised)</td>
<td>7429-90-5</td>
<td>231-072-3</td>
<td>Flam. Sol. 1; H228</td>
<td></td>
<td>&lt; 10</td>
</tr>
<tr>
<td></td>
<td>013-002-00-1</td>
<td></td>
<td></td>
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</tr>
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<td></td>
<td>01-2119529243-45</td>
<td></td>
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<tr>
<td>n-Butyl acetate</td>
<td>123-86-4</td>
<td>204-658-1</td>
<td>Flam. Liq. 3; H226</td>
<td>STOT SE 3; H336</td>
<td>&lt; 10</td>
</tr>
<tr>
<td></td>
<td>607-025-00-1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
<td>01-2119485493-29</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), light arom.</td>
<td>64742-95-6</td>
<td>918-668-5</td>
<td>Flam. Liq. 3; H226</td>
<td>STOT SE 3; H336</td>
<td>&gt;= 2.5 - &lt; 10</td>
</tr>
<tr>
<td></td>
<td>601-049-5</td>
<td>01-2119455851-35</td>
<td></td>
<td>STOT RE 3; H335</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Asp. Tox. 1; H304</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 2; H411</td>
<td></td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha</td>
<td>64742-48-9</td>
<td>918-481-9</td>
<td>Asp. Tox. 1; H304</td>
<td></td>
<td>&gt;= 1 - &lt; 10</td>
</tr>
<tr>
<td></td>
<td>603-004-00-6</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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<td></td>
<td>01-2119457273-39</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butan-1-ol</td>
<td>71-36-3</td>
<td>200-751-6</td>
<td>Flam. Liq. 3; H226</td>
<td>Acute Tox. 4; H302</td>
<td>&gt;= 1 - &lt; 3</td>
</tr>
<tr>
<td></td>
<td>603-004-00-6</td>
<td></td>
<td></td>
<td>Skin Irrit. 2; H315</td>
<td></td>
</tr>
<tr>
<td></td>
<td>01-2119484630-38</td>
<td></td>
<td></td>
<td>Eye Dam. 1; H318</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>STOT SE 3; H335, H336</td>
<td></td>
</tr>
<tr>
<td>Naphthalene</td>
<td>91-20-3</td>
<td>202-049-5</td>
<td>Acute Tox. 4; H302</td>
<td>Carc. 2; H351</td>
<td>&lt; 0.25</td>
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<tr>
<td></td>
<td>601-052-00-2</td>
<td></td>
<td></td>
<td>Aquatic Acute 1; H400</td>
<td></td>
</tr>
<tr>
<td></td>
<td>01-2119561346-37</td>
<td></td>
<td></td>
<td>Aquatic Chronic 1; H410</td>
<td></td>
</tr>
</tbody>
</table>

For explanation of abbreviations see section 16.
If inhaled: Consult a physician after significant exposure. If unconscious, place in recovery position and seek medical advice.

In case of skin contact: If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes. Wash off immediately with soap and plenty of water.

In case of eye contact: Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

If swallowed: Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed
None known.

4.3 Indication of any immediate medical attention and special treatment needed
This information is not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media: Dry sand
ABC powder
Foam

Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture
Specific hazards during firefighting: Do not allow run-off from fire fighting to enter drains or water courses.

5.3 Advice for firefighters
Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

Further information: Collect contaminated fire extinguishing water separately. This
must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored separately in closed containments.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Evacuate personnel to safe areas.

6.2 Environmental precautions

**Environmental precautions:** Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

**Methods for cleaning up:** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Do not flush with water.

Use mechanical handling equipment. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

**Advice on safe handling:** Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8.
Safety Data Sheet

Sample Agent Wheel rim silver satin 750 ml
17-09006


Version: 1.2
Revision Date: 20.12.2018
SDS Number: 102000005023
Print Date: 24.12.2018
Date of first issue: 03.04.2017

Smoking, eating and drinking should be prohibited in the application area.
Take precautionary measures against static discharges.
Provide sufficient air exchange and/or exhaust in work rooms.
Open drum carefully as content may be under pressure.
Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion:
Do not spray on a naked flame or any incandescent material.
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures:
When using do not eat or drink. When using do not smoke.
Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers:
No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

Earthing of containers and apparatuses is essential. Reaction with water liberates extremely flammable gas (hydrogen) Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking. Keep container closed when not in use.

Further information on storage conditions:
Protect from humidity and water.

Advice on common storage:
Do not store near acids.
Do not store together with oxidizing and self-igniting products. Never allow product to get in contact with water during storage.
Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Further information on storage stability:
No decomposition if stored and applied as directed.

7.3 Specific end use(s)
This information is not available.
### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

**Occupational Exposure Limits**

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>GV</td>
<td>150 ppm 540 mg/m³</td>
<td>DK OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>400 ppm 1.468 mg/m³</td>
<td>2017/164/EU</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>200 ppm 734 mg/m³</td>
<td>2017/164/EU</td>
</tr>
<tr>
<td>acetone</td>
<td>67-64-1</td>
<td>TWA</td>
<td>500 ppm 1.210 mg/m³</td>
<td>2000/39/EC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>100 ppm 442 mg/m³</td>
<td>2000/39/EC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GV</td>
<td>25 ppm 109 mg/m³</td>
<td>DK OEL</td>
</tr>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>TWA</td>
<td>50 ppm 221 mg/m³</td>
<td>2000/39/EC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL</td>
<td>100 ppm 442 mg/m³</td>
<td>2000/39/EC</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GV</td>
<td>25 ppm 109 mg/m³</td>
<td>DK OEL</td>
</tr>
<tr>
<td>aluminium powder</td>
<td>7429-90-5</td>
<td>GV (Dust)</td>
<td>0.5 mg/m³</td>
<td>DK OEL</td>
</tr>
<tr>
<td>(stabilised)</td>
<td></td>
<td>STEL</td>
<td>5 mg/m³</td>
<td>DK OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GV (Dust)</td>
<td>10 mg/m³</td>
<td>DK OEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GV (Total dust)</td>
<td>3 mg/m³</td>
<td>DK OEL</td>
</tr>
</tbody>
</table>

Further information: Guiding list of organic solvents.
Further information: Indicative
Further information: Identifies the possibility of significant uptake through the skin.
Further information: Means that the substance can be absorbed through the skin.
Further information: List of limit values for dust. Limit values for dust have been established for concentrations of total dust and for concentrations of respirable dust.
Further information: Identifies the possibility of significant uptake through the skin.
Further information: Identifies the possibility of significant uptake through the skin.
Further information
List of limit values for dust. Limit values for dust have been established for concentrations of total dust and for concentrations of respirable dust. Except for wood dust, Arbejdstilsynet has not established a limit value for inhalable dust (DS/EN 481 on inhalable dust).

<table>
<thead>
<tr>
<th>Substance</th>
<th>GV (Fumes)</th>
<th>GV (total powder and dust)</th>
<th>GV (respirable powder and dust)</th>
<th>n-butyl acetate</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
<td>2 mg/m³</td>
<td>123-86-4</td>
</tr>
<tr>
<td>Aluminium</td>
<td>(Aluminium)</td>
<td>(Aluminium)</td>
<td>(Aluminium)</td>
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</tr>
<tr>
<td>GV (Fumes)</td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
<td>2 mg/m³</td>
<td>123-86-4</td>
</tr>
<tr>
<td>Aluminium</td>
<td>(Aluminium)</td>
<td>(Aluminium)</td>
<td>(Aluminium)</td>
<td></td>
</tr>
<tr>
<td>GV (total powder</td>
<td>5 mg/m³</td>
<td>5 mg/m³</td>
<td>2 mg/m³</td>
<td>123-86-4</td>
</tr>
<tr>
<td>and dust)</td>
<td>(Aluminium)</td>
<td>(Aluminium)</td>
<td>(Aluminium)</td>
<td></td>
</tr>
<tr>
<td>GV (respirable</td>
<td>2 mg/m³</td>
<td>2 mg/m³</td>
<td>2 mg/m³</td>
<td>123-86-4</td>
</tr>
<tr>
<td>powder and dust)</td>
<td>(Aluminium)</td>
<td>(Aluminium)</td>
<td>(Aluminium)</td>
<td></td>
</tr>
<tr>
<td>n-butyl acetate</td>
<td>150 ppm</td>
<td>150 ppm</td>
<td>2 mg/m³</td>
<td>123-86-4</td>
</tr>
<tr>
<td></td>
<td>710 mg/m³</td>
<td>710 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Further information</td>
<td>Guiding list of organic solvents.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>butan-1-ol</td>
<td>71-36-3</td>
<td>71-36-3</td>
<td>71-36-3</td>
<td>123-86-4</td>
</tr>
<tr>
<td>L</td>
<td>50 ppm</td>
<td>50 ppm</td>
<td>150 mg/m³</td>
<td></td>
</tr>
<tr>
<td>DK OEL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Further information</td>
<td>Means that the substance can be absorbed through the skin., Indicates that the exposure limit value is a ceiling value which shall not be exceeded at any time., Guiding list of organic solvents.</td>
<td>71-36-3</td>
<td>71-36-3</td>
<td>123-86-4</td>
</tr>
<tr>
<td>naphthalene</td>
<td>91-20-3</td>
<td>91-20-3</td>
<td>10 ppm</td>
<td>123-86-4</td>
</tr>
<tr>
<td>TWA</td>
<td>50 ppm</td>
<td>50 ppm</td>
<td>150 mg/m³</td>
<td></td>
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<tr>
<td>91/322/EEC</td>
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<tr>
<td>Further information</td>
<td>Indicative</td>
<td></td>
<td>10 ppm</td>
<td>123-86-4</td>
</tr>
<tr>
<td>GV</td>
<td>50 ppm</td>
<td>50 ppm</td>
<td>150 mg/m³</td>
<td></td>
</tr>
<tr>
<td>DK OEL</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Further information</td>
<td>Means that the substance is included in the list of substances considered carcinogenic., The substance has an EC-limit value</td>
<td>123-86-4</td>
<td>123-86-4</td>
<td>123-86-4</td>
</tr>
</tbody>
</table>

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

<table>
<thead>
<tr>
<th>Substance name</th>
<th>End Use</th>
<th>Exposure routes</th>
<th>Potential health effects</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethyl acetate</td>
<td>Workers</td>
<td>Inhalation</td>
<td>short term – local effects</td>
<td>1468 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Workers</td>
<td>Inhalation</td>
<td>short term – systemic effects</td>
<td>1468 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Workers</td>
<td>Inhalation</td>
<td>long term – local effects</td>
<td>734 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Workers</td>
<td>Skin contact</td>
<td>long term – systemic effects</td>
<td>63 mg/kg</td>
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<tr>
<td></td>
<td>Workers</td>
<td>Inhalation</td>
<td>long term – systemic effects</td>
<td>734 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumers</td>
<td>Inhalation</td>
<td>short term – local effects</td>
<td>734 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumers</td>
<td>Inhalation</td>
<td>short term – systemic effects</td>
<td>734 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumers</td>
<td>Inhalation</td>
<td>long term – local effects</td>
<td>367 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumers</td>
<td>Skin contact</td>
<td>long term – systemic effects</td>
<td>37 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Consumers</td>
<td>Inhalation</td>
<td>long term – systemic effects</td>
<td>367 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Consumers</td>
<td>Ingestion</td>
<td>long term – systemic effects</td>
<td>4.5 mg/kg</td>
</tr>
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</table>
Sample Agent Wheel rim silver satin 750 ml
17-09006

<table>
<thead>
<tr>
<th>Substance Description</th>
<th>Exposure Route</th>
<th>Duration</th>
<th>Effect Type</th>
<th>Concentration</th>
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<tbody>
<tr>
<td>Acetone</td>
<td>Skin contact</td>
<td>long term – systemic</td>
<td>186 mg/kg</td>
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<tr>
<td></td>
<td>Inhalation</td>
<td>long term – systemic</td>
<td>1210 mg/m³</td>
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<tr>
<td></td>
<td>Ingestion</td>
<td>long term – systemic</td>
<td>62 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Skin contact</td>
<td>long term – systemic</td>
<td>62 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inhalation</td>
<td>long term – systemic</td>
<td>200 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inhalation</td>
<td>short term – local</td>
<td>2420 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Xylene</td>
<td>Inhalation</td>
<td>short term – local</td>
<td>289 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inhalation</td>
<td>short term – systemic</td>
<td>289 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inhalation</td>
<td>long term – systemic</td>
<td>77 mg/m³</td>
<td></td>
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<tr>
<td></td>
<td>Skin contact</td>
<td>long term – systemic</td>
<td>180 mg/kg</td>
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<td>Inhalation</td>
<td>short term – local</td>
<td>174 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inhalation</td>
<td>short term – systemic</td>
<td>174 mg/m³</td>
<td></td>
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<tr>
<td></td>
<td>Skin contact</td>
<td>long term – systemic</td>
<td>108 mg/kg</td>
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<td></td>
<td>Inhalation</td>
<td>long term – systemic</td>
<td>14.8 mg/m³</td>
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</tr>
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<td>Ingestion</td>
<td>long term – systemic</td>
<td>1.6 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Naphtha (petroleum),</td>
<td>Skin contact</td>
<td>long term – systemic</td>
<td>300 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Hydrotreated heavy;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low boiling point</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrogen treated</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Naphtha</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butan-1-ol</td>
<td>Inhalation</td>
<td>long term – local</td>
<td>310 mg/m³</td>
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<tr>
<td></td>
<td>Inhalation</td>
<td>long term – local</td>
<td>55 mg/m³</td>
<td></td>
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<tr>
<td></td>
<td>Ingestion</td>
<td>long term – systemic</td>
<td>3.125 mg/kg</td>
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Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

<table>
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<tr>
<th>Substance name</th>
<th>Environmental Compartment</th>
<th>Value</th>
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<tbody>
<tr>
<td>ethyl acetate</td>
<td>Soil</td>
<td>0,148 mg/kg</td>
</tr>
<tr>
<td></td>
<td>STP</td>
<td>650 mg/l</td>
</tr>
<tr>
<td></td>
<td>Fresh water</td>
<td>0,24 mg/l</td>
</tr>
<tr>
<td></td>
<td>Marine water</td>
<td>0,024 mg/l</td>
</tr>
<tr>
<td></td>
<td>Fresh water sediment</td>
<td>1,15 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Marine sediment</td>
<td>0,115 mg/kg</td>
</tr>
<tr>
<td>acetone</td>
<td>Soil</td>
<td>29,5 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Fresh water</td>
<td>10,6 mg/l</td>
</tr>
<tr>
<td></td>
<td>Fresh water sediment</td>
<td>30,4 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Marine water</td>
<td>1,06 mg/l</td>
</tr>
<tr>
<td></td>
<td>Marine sediment</td>
<td>3,04 mg/kg</td>
</tr>
<tr>
<td></td>
<td>STP</td>
<td>100 mg/l</td>
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<tr>
<td>xylene</td>
<td>Soil</td>
<td>2,31 mg/kg</td>
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<tr>
<td></td>
<td>Fresh water</td>
<td>0,327 mg/l</td>
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<tr>
<td></td>
<td>Fresh water sediment</td>
<td>12,46 mg/kg</td>
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<tr>
<td></td>
<td>Marine water</td>
<td>0,327 mg/l</td>
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<tr>
<td></td>
<td>Marine sediment</td>
<td>12,46 mg/kg</td>
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<tr>
<td></td>
<td>STP</td>
<td>6,58 mg/l</td>
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<tr>
<td>n-butyl acetate</td>
<td>Fresh water</td>
<td>0,18 mg/l</td>
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<td></td>
<td>Marine water</td>
<td>0,018 mg/l</td>
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<tr>
<td></td>
<td>STP</td>
<td>35,6 mg/l</td>
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<td></td>
<td>Fresh water sediment</td>
<td>0,981 mg/kg</td>
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<td></td>
<td>Marine sediment</td>
<td>0,0981 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Soil</td>
<td>0,0903 mg/kg</td>
</tr>
<tr>
<td>butan-1-ol</td>
<td>Soil</td>
<td>0,015 mg/kg</td>
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<td></td>
<td>Fresh water</td>
<td>0,082 mg/l</td>
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<tr>
<td></td>
<td>Fresh water sediment</td>
<td>0,178 mg/kg</td>
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<tr>
<td></td>
<td>STP</td>
<td>2476 mg/l</td>
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<tr>
<td></td>
<td>Marine water</td>
<td>0,0082 mg/l</td>
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<tr>
<td></td>
<td>Marine sediment</td>
<td>0,0178 mg/kg</td>
</tr>
<tr>
<td></td>
<td>Sporadic Release</td>
<td>2,25 mg/l</td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Personal protective equipment

Eye protection: Eye wash bottle with pure water
Wear face-shield and protective suit for abnormal processing problems.

Goggles

Hand protection

Material: Solvent-resistant gloves (butyl-rubber)

Remarks: The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Take note of the information given by the producer concerning permeability and break through times, and of
special workplace conditions (mechanical strain, duration of contact). The exact breakthrough time can be obtained from the protective glove producer and this has to be observed. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Recommended preventive skin protection Skin should be washed after contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the workplace.

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Use suitable breathing protection if workplace concentration requires.

Environmental exposure controls
Water : The product should not be allowed to enter drains, water courses or the soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : No data available

Odour : characteristic

Odour Threshold : No data available

pH : No data available

Freezing point : No data available

Boiling point/boiling range : 55 °C

Flash point : -19 °C

Evaporation rate : No data available

Flammability (solid, gas) : No data available
Self-ignition: No data available
Auto-ignition temperature: No data available
Smoldering temperature: No data available
Decomposition temperature: No data available
Explosive properties: No data available
Oxidizing properties: No data available
Upper explosion limit / Upper flammability limit: No data available
Lower explosion limit / Lower flammability limit: No data available
Vapour pressure: No data available
Relative vapour density: No data available
Relative density: No data available
Density: ca. 0.92 g/cm³
Bulk density: No data available
Water solubility: No data available
Solubility in other solvents: No data available
Partition coefficient: n-octanol/water: No data available
Decomposition temperature: No data available
Viscosity
   Viscosity, dynamic: see user defined free text
   Viscosity, kinematic: > 21 mm²/s (40 °C)
Flow time: 10 - 13 s at 20 °C
   Cross section: 4 mm
   Method: DIN 53211

9.2 Other information
No data available
SECTION 10: Stability and reactivity

10.1 Reactivity
No decomposition if stored and applied as directed.

10.2 Chemical stability
No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions
Hazardous reactions:
- Contact with acids and alkalis may release hydrogen.
- Stable under recommended storage conditions.
- Vapours may form explosive mixture with air.

10.4 Conditions to avoid
Conditions to avoid:
- Heat, flames and sparks.
- Do not allow evaporation to dryness.

10.5 Incompatible materials
Materials to avoid:
- Acids
- Bases
- Oxidizing agents

10.6 Hazardous decomposition products
Contact with water or humid air:
- This information is not available.

Thermal decomposition:
- This information is not available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:
Acute oral toxicity:
- Acute toxicity estimate: > 2,000 mg/kg
  Method: Calculation method

Acute inhalation toxicity:
- Acute toxicity estimate: > 5 mg/l
  Exposure time: 4 h
  Test atmosphere: dust/mist
  Method: Calculation method
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

Sample Agent Wheel rim silver satin 750 ml
17-09006

Acute dermal toxicity: Acute toxicity estimate: > 2.000 mg/kg
Method: Calculation method

Components:
ethyl acetate:
Acute oral toxicity: (Rat): 5.620 mg/kg
Acute inhalation toxicity: LC50 (Rat): 56 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Acute dermal toxicity: LD50 (Rabbit): > 18.000 mg/kg

acetone:
Acute oral toxicity: LD50 (Rabbit): 4.700 - 5.800 mg/kg
(Mouse): 3.000 mg/kg
(Rat): 9.800 mg/kg
Acute inhalation toxicity: LC50 (Rat): 76 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Acute dermal toxicity: LD50 (Rabbit): > 2.000 mg/kg

xylene:
Acute dermal toxicity: Acute toxicity estimate: 1.100 mg/kg
Method: Converted acute toxicity point estimate

aluminium powder (stabilised):
Acute inhalation toxicity: LC50 (Rat): > 5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

solvent naphtha (petroleum), light arom.:
Acute oral toxicity: LD50 (Rat): 3.492 mg/kg
Acute dermal toxicity: LD50 (Rabbit): > 3.160 mg/kg

Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:
Acute oral toxicity: LD50 (Rat): > 5.000 mg/kg
Acute inhalation toxicity: LC50 (Rat): Test atmosphere: vapour
Remarks: An LC50/inhalation/4h/rat could not be determined because no mortality of rats was observed at the maximum achievable concentration.

Acute dermal toxicity: LD50 (Rabbit): > 5.000 mg/kg

**butan-1-ol:**
- Acute oral toxicity: Acute toxicity estimate: 500 mg/kg
  Method: Converted acute toxicity point estimate

**naphthalene:**
- Acute oral toxicity: Acute toxicity estimate: 500 mg/kg
  Method: Converted acute toxicity point estimate

**Skin corrosion/irritation**

**Product:**
Remarks: May cause skin irritation in susceptible persons.

**Components:**

**acetone:**
Remarks: Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

**butan-1-ol:**
Result: Skin irritation

**Serious eye damage/eye irritation**

**Product:**
Remarks: May cause irreversible eye damage.

**Components:**

**acetone:**
Remarks: Severe eye irritation

**xylene:**
Result: Eye irritation

**butan-1-ol:**
Result: Irreversible effects on the eye
Respiratory or skin sensitisation

**Components:**

xylene:
Assessment: Harmful in contact with skin or if inhaled.

**STOT - single exposure**

**Components:**

xylene:
Assessment: May cause respiratory irritation.

n-butyl acetate:
Assessment: May cause drowsiness or dizziness.

solvent naphtha (petroleum), light arom.:
Assessment: May cause drowsiness or dizziness.

butan-1-ol:
Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic effects., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

**STOT - repeated exposure**

**Components:**

xylene:
Assessment: May cause damage to organs through prolonged or repeated exposure.

**Further information**

**Product:**
Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and
vomiting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin.

**Components:**

Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:
Remarks: Solvents may degrease the skin.

### SECTION 12: Ecological information

#### 12.1 Toxicity

**Components:**

- **ethyl acetate:**
  Toxicity to daphnia and other aquatic invertebrates: (Daphnia (water flea)): 717 mg/l

- **acetone:**
  Toxicity to daphnia and other aquatic invertebrates: (Daphnia magna (Water flea)): 21.600 mg/l

- **solvent naphtha (petroleum), light arom.:**

  **Ecotoxicology Assessment**
  Long-term (chronic) aquatic hazard: Toxic to aquatic life with long lasting effects.

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

**Components:**

- **xylene:**
  Partition coefficient: n-octanol/water: log Pow: 3,1 - 3,2

- **n-butyl acetate:**
  Partition coefficient: n-octanol/water: log Pow: 2,3

#### 12.4 Mobility in soil

No data available
12.5 Results of PBT and vPvB assessment
Not relevant

12.6 Other adverse effects

**Product:**
Additional ecological information: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

**Components:**
*Naphtha (petroleum), hydrotreated heavy; Low boiling point hydrogen treated naphtha:*
Additional ecological information: No data available

SECTION 13: Disposal considerations

**European Waste Catalogue:** 16 05 04 - gases in pressure containers (including halons) containing dangerous substances

13.1 Waste treatment methods

**Product:** The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

**Contaminated packaging:** Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

14.1 UN number

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<thead>
<tr>
<th>ADR</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN 1263</td>
<td>UN 1263</td>
<td>UN 1263</td>
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</table>

14.2 UN proper shipping name

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<th>IMDG</th>
<th>IATA</th>
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</thead>
<tbody>
<tr>
<td>PAINT</td>
<td>PAINT</td>
<td>Paint</td>
</tr>
</tbody>
</table>
14.3 Transport hazard class(es)

ADR : 3
IMDG : 3
IATA : 3

14.4 Packing group

ADR
Packing group : II
Classification Code : F1
Hazard Identification Number : 33
Labels : 3
Tunnel restriction code : (D/E)

IMDG
Packing group : II
Labels : 3
EmS Code : F-E, S-E

IATA (Cargo)
Packing instruction (cargo aircraft) : 364
Packing instruction (LQ) : Y341
Packing group : II
Labels : Flammable Liquids

IATA (Passenger)
Packing instruction (passenger aircraft) : 353
Packing instruction (LQ) : Y341
Packing group : II
Labels : Flammable Liquids

14.5 Environmental hazards

ADR
Environmentally hazardous : no

IMDG
Marine pollutant : no

14.6 Special precautions for user
Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable for product as supplied.
SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).

Volatile organic compounds: Directive 2004/42/EC
Volatile organic compounds (VOC) content: 78,42 %, 721,43 g/l

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

15.2 Chemical safety assessment

SECTION 16: Other information

Full text of H-Statements

H225: Highly flammable liquid and vapour.
H226: Flammable liquid and vapour.
H228: Flammable solid.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H351: Suspected of causing cancer.
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.

Full text of other abbreviations

Acute Tox.: Acute toxicity
Aquatic Acute: Short-term (acute) aquatic hazard
Aquatic Chronic: Long-term (chronic) aquatic hazard
Asp. Tox.: Aspiration hazard
Carc.: Carcinogenicity
Eye Dam.: Serious eye damage
Eye Irrit.: Eye irritation
Flam. Liq.: Flammable liquids
Flam. Sol.: Flammable solids
Skin Irrit.: Skin irritation
STOT RE: Specific target organ toxicity - repeated exposure
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

Sample Agent Wheel rim silver satin 750 ml
17-09006

Version 1.2 Revision Date: 20.12.2018 SDS Number: 102000005023 Print Date: 24.12.2018 Date of first issue: 03.04.2017

STOT SE : Specific target organ toxicity - single exposure
DK OEL : Denmark. Occupational Exposure Limits
2000/39/EC / TWA : Limit Value - eight hours
2000/39/EC / STEL : Short term exposure limit
2017/164/EU / STEL : Short term exposure limit
2017/164/EU / TWA : Limit Value - eight hours
91/322/EEC / TWA : Limit Value - eight hours
DK OEL / GV : Long term exposure limit
DK OEL / L : Ceiling

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative
Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.