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

1.1 Product identifier

Trade name : Sample Agent Wheel Rim Silver mat Spray 750 ml 17-09005

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 : +499152777008
E-mail address : msds.eckart@altana.com

1.4 Emergency telephone number

GBK Gefahrgut Büro GmbH, Ingelheim, Germany:
From outside US: (001) 352-323-3500
(First call in English, response in your language is possible)
US & Canada (toll free) : 1-800-5355-053

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids , Category 2 H225: Highly flammable liquid and vapour.
Skin irritation , Category 2 H315: Causes skin irritation.
Eye irritation , Category 2 H319: Causes serious eye irritation.
Specific target organ toxicity - single exposure , Category 3, Central nervous system
Chronic aquatic toxicity , Category 3 H412: Harmful to aquatic life with long lasting effects.

Classification (67/548/EEC, 1999/45/EC)

Highly flammable R11: Highly flammable.
Harmful R20/21: Harmful by inhalation and in contact with skin.
Irritant R36: Irritating to eyes.
2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms:
- Flammable
- Warning

Signal word: Danger

Hazard statements:
- H225 Highly flammable liquid and vapour.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

**Prevention:**
- P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- P233 Keep container tightly closed.
- P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
- P273 Avoid release to the environment.

**Response:**
- P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
- P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

Hazardous components which must be listed on the label:
- 67-64-1 acetone

2.3 Other hazards

No information available.
### 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>Registration number</th>
<th>Classification (67/548/EEC)</th>
<th>Classification (REGULATION (EC) No 1272/2008)</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone</td>
<td>67-64-1</td>
<td>200-662-2</td>
<td>01-2119471330-49</td>
<td>F; R11 Xi; R36 R66 R67</td>
<td>Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336</td>
<td>&gt;= 20 - &lt; 25</td>
</tr>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>205-500-4</td>
<td>01-2119475103-46</td>
<td>F; R11 Xi; R36 R66 R67</td>
<td>Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336</td>
<td>&gt;= 20 - &lt; 25</td>
</tr>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>215-535-7</td>
<td></td>
<td>R10 Xn; R20/21 Xi; R38</td>
<td>Flam. Liq. 3; H226 Acute Tox. 4; H312 Acute Tox. 4; H332 Skin Irrit. 2; H315</td>
<td>&gt;= 12.5 - &lt; 20</td>
</tr>
<tr>
<td>aluminium powder (stabilised)</td>
<td>7429-90-5</td>
<td>231-072-3</td>
<td>01-2119529243-45</td>
<td>F; R11</td>
<td>Flam. Sol. 1; H228</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>n-butyl acetate</td>
<td>123-86-4</td>
<td>204-658-1</td>
<td>01-2119485493-29</td>
<td>R10 R66 R67</td>
<td>Flam. Liq. 3; H226 STOT SE 3; H336</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>Low boiling point naphtha - unspecified</td>
<td>64742-95-6</td>
<td>265-199-0</td>
<td>01-2119455851-35</td>
<td>Xn; R65 Xi; R37 N; R51/53 R10 R66 R67</td>
<td>Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H335, H336 Aquatic Chronic 2; H411</td>
<td>&gt;= 2.5 - &lt; 10</td>
</tr>
<tr>
<td>low boiling point hydrogen treated naphtha</td>
<td>64742-48-9</td>
<td>265-150-3</td>
<td></td>
<td>Xn; R65</td>
<td>Asp. Tox. 1; H304</td>
<td>&gt;= 1 - &lt; 10</td>
</tr>
<tr>
<td>butan-1-ol</td>
<td>71-36-3</td>
<td>200-751-6</td>
<td>01-2119484630-38</td>
<td>R10 Xn; R22 Xi; R37/38-R41 R67</td>
<td>Flam. Liq. 3; H226 Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318</td>
<td>&gt;= 1 - &lt; 3</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.

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.

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

This information is not available.

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

This information is not available.

5.2 Special hazards arising from the substance or mixture

Specific hazards during : Do not allow run-off from fire fighting to enter drains or water
5.3 Advice for firefighters

Special protective equipment for firefighters

Wear self contained breathing apparatus for fire fighting 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.

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 materials 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.

6.4 Reference to other sections

This information is not available.
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. 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.

Other data: 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

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone</td>
<td>67-64-1</td>
<td>TWA</td>
<td>500 ppm</td>
<td>2000-06-16</td>
<td>2000/39/EC</td>
</tr>
</tbody>
</table>
Further information | Indicative | 1,210 mg/m³ |
|-------------------|-----------|-------------|
acetone 67-64-1  | TWA       | 500 ppm 2000/39/EC |
|                   |           | 1,210 mg/m³ | 2005-04-06 | GB EH40 |
| acetone 67-64-1  | STEL      | 1,500 ppm 2005-04-06 | 3,620 mg/m³ | GB EH40 |
Components | CAS-No. | Value type (Form of exposure) | Control parameters | Update | Basis |
| ethyl acetate 141-78-6 | TWA | 200 ppm | 2005-04-06 | GB EH40 |
| ethyl acetate 141-78-6 | STEL | 400 ppm | 2005-04-06 | GB EH40 |
Components | CAS-No. | Value type (Form of exposure) | Control parameters | Update | Basis |
xylene 1330-20-7 | TWA | 50 ppm 220 mg/m³ | 2005-04-06 | GB EH40 |
Further information | Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |
xylene 1330-20-7 | STEL | 100 ppm 441 mg/m³ | 2005-04-06 | GB EH40 |
Further information | Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity. |
xylene 1330-20-7 | TWA | 50 ppm 221 mg/m³ | 2000-06-16 | 2000/39/EC |
Further information | Identifies the possibility of significant uptake through the skin | Indicative |
xylene 1330-20-7 | STEL | 100 ppm 442 mg/m³ | 2000-06-16 | 2000/39/EC |
Further information | Identifies the possibility of significant uptake through the skin | Indicative |
Components | CAS-No. | Value type (Form of exposure) | Control parameters | Update | Basis |
aluminium 7429-90-5 | TWA (Inhalable) | 10 mg/m³ | 2011-12-01 | GB EH40 |
### Further information

The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m\(^{-3}\) 8-hour TWA of inhalable dust or 4 mg.m\(^{-3}\) 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.

<table>
<thead>
<tr>
<th>Substance</th>
<th>Limit Type</th>
<th>Limit Value</th>
<th>Date</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>aluminium</td>
<td>TWA (Respirable)</td>
<td>4 mg/m(^3)</td>
<td>2011-12-01</td>
<td>GB EH40</td>
</tr>
<tr>
<td>aluminium</td>
<td>TWA (Inhalable)</td>
<td>10 mg/m(^3)</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
</tbody>
</table>

For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust. The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m\(^{-3}\) 8-hour TWA of inhalable dust or 4 mg.m\(^{-3}\) 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit. Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed ‘inhalable’ and ‘respirable’. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3. Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with.
SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Sample Agent Wheel Rim Silver mat Spray 750 ml 17-09005

Version 2.0  Revision Date 20.03.2015  Print Date 20.11.2018

Further information

For the purposes of these limits, respirable dust and inhalable dust are those fractions of airborne dust which will be collected when sampling is undertaken in accordance with the methods described in MDHS14/3 General methods for sampling and gravimetric analysis of respirable and inhalable dust. The COSHH definition of a substance hazardous to health includes dust of any kind when present at a concentration in air equal to or greater than 10 mg.m⁻³ 8-hour TWA of inhalable dust or 4 mg.m⁻³ 8-hour TWA of respirable dust. This means that any dust will be subject to COSHH if people are exposed above these levels. Some dusts have been assigned specific WELs and exposure to these must comply with the appropriate limit. Most industrial dusts contain particles of a wide range of sizes. The behaviour, deposition and fate of any particular particle after entry into the human respiratory system and the body response that it elicits, depend on the nature and size of the particle. HSE distinguishes two size fractions for limit-setting purposes termed ‘inhalable’ and ‘respirable’. Inhalable dust approximates to the fraction of airborne material that enters the nose and mouth during breathing and is therefore available for deposition in the respiratory tract. Respirable dust approximates to the fraction that penetrates to the gas exchange region of the lung. Fuller definitions and explanatory material are given in MDHS14/3. Where dusts contain components that have their own assigned WEL, all the relevant limits should be complied with. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-butyl acetate</td>
<td>123-86-4</td>
<td>TWA</td>
<td>150 ppm 724 mg/m³</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td>n-butyl acetate</td>
<td>123-86-4</td>
<td>STEL</td>
<td>200 ppm 966 mg/m³</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
</tbody>
</table>

Further information

Can be absorbed through skin. The assigned substances are those for which there are concerns that dermal absorption will...
Biological occupational exposure limits

<table>
<thead>
<tr>
<th>Substance name</th>
<th>CAS-No.</th>
<th>Control parameters</th>
<th>Sampling time</th>
<th>Update</th>
</tr>
</thead>
<tbody>
<tr>
<td>xylene</td>
<td>1330-20-7</td>
<td>methyl hippuric acid: (Urine)</td>
<td>Post shift</td>
<td>2005-04-06</td>
</tr>
</tbody>
</table>

**DNEL:**

**acetone (67-64-1)**  
End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: long term – systemic effects  
Value: 186 mg/kg

**DNEL:**

**acetone (67-64-1)**  
End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: long term – systemic effects  
Value: 1210 mg/m³

**DNEL:**

**acetone (67-64-1)**  
End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: long term – systemic effects  
Value: 62 mg/kg

**DNEL:**

**acetone (67-64-1)**  
End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: long term – systemic effects  
Value: 62 mg/kg

**DNEL:**

**acetone (67-64-1)**  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: long term – systemic effects  
Value: 200 mg/m³

**DNEL:**

**acetone (67-64-1)**  
End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: short term – local effects  
Value: 2420 mg/m³

**DNEL:**

**ethyl acetate (141-78-6)**  
End Use: Workers
Exposure routes: Inhalation
Potential health effects: short term – local effects
Value: 1468 mg/m³

**DNEL:**
ethyl acetate (141-78-6)
End Use: Workers
Exposure routes: Inhalation
Potential health effects: short term – systemic effects
Value: 1468 mg/m³

**DNEL:**
ethyl acetate (141-78-6)
End Use: Workers
Exposure routes: Skin contact
Potential health effects: long term – systemic effects
Value: 63 mg/kg

**DNEL:**
ethyl acetate (141-78-6)
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: short term – systemic effects
Value: 734 mg/m³

**DNEL:**
ethyl acetate (141-78-6)
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 734 mg/m³

**DNEL:**
ethyl acetate (141-78-6)
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: short term – systemic effects
Value: 367 mg/m³
Exposure routes: Skin contact  
Potential health effects: long term – systemic effects  
Value: 37 mg/kg

**DNEL:**  
ethyl acetate (141-78-6)  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: long term – systemic effects  
Value: 367 mg/m3

**DNEL:**  
ethyl acetate (141-78-6)  
End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: long term – systemic effects  
Value: 4.5 mg/kg

**DNEL:**  
xylene (1330-20-7)  
End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: short term – local effects  
Value: 289 mg/m3

**DNEL:**  
xylene (1330-20-7)  
End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: short term – systemic effects  
Value: 289 mg/m3

**DNEL:**  
xylene (1330-20-7)  
End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: long term – systemic effects  
Value: 77 mg/m3

**DNEL:**  
xylene (1330-20-7)  
End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: long term – systemic effects  
Value: 180 mg/kg

**DNEL:**  
xylene (1330-20-7)  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: short term – local effects  
Value: 174 mg/m3

**DNEL:**  
xylene (1330-20-7)  
End Use: Consumers
Exposed routes: Inhalation
Potential health effects: short term – systemic effects
Value: 174 mg/m3

DNEL:
xylene (1330-20-7)
End Use: Consumers
Exposure routes: Skin contact
Potential health effects: long term – systemic effects
Value: 108 mg/kg

DNEL:
xylene (1330-20-7)
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 14.8 mg/m3

DNEL:
xylene (1330-20-7)
End Use: Consumers
Exposure routes: Ingestion
Potential health effects: long term – systemic effects
Value: 1.6 mg/kg

DNEL:
n-butyl acetate (123-86-4)
End Use: Workers
Exposure routes: Inhalation
Potential health effects: short term – local effects
Value: 960 mg/m3

DNEL:
n-butyl acetate (123-86-4)
End Use: Workers
Exposure routes: Inhalation
Potential health effects: short term – systemic effects
Value: 960 mg/m3

DNEL:
n-butyl acetate (123-86-4)
End Use: Workers
Exposure routes: Inhalation
Potential health effects: long term – local effects
Value: 480 mg/m3

DNEL:
n-butyl acetate (123-86-4)
End Use: Workers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 480 mg/m3

DNEL:
n-butyl acetate (123-86-4)
End Use: Consumers
Sample Agent Wheel Rim Silver mat Spray 750 ml 17-09005

Exposure routes: Inhalation
Potential health effects: short term – local effects
Value: 859.7 mg/m³

**DNEL:**
n-butyl acetate (123-86-4)  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: short term – systemic effects  
Value: 859.7 mg/m³

**DNEL:**
n-butyl acetate (123-86-4)  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: long term – local effects  
Value: 102.34 mg/m³

**DNEL:**
Solvent naphtha (petroleum), light arom. (64742-95-6)  
End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: long term – systemic effects  
Value: 11 mg/kg

**DNEL:**
Solvent naphtha (petroleum), light arom. (64742-95-6)  
End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: long term – systemic effects  
Value: 11 mg/kg

**DNEL:**
Solvent naphtha (petroleum), light arom. (64742-95-6)  
End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: long term – systemic effects  
Value: 32 mg/m³

**DNEL:**
Naphtha (petroleum), hydrotreated heavy (64742-48-9)  
End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: long term – systemic effects  
Value: 300 mg/kg

**DNEL:**
Naphtha (petroleum),  
End Use: Consumers
<table>
<thead>
<tr>
<th>Substance</th>
<th>Exposure Routes</th>
<th>Potential Health Effects</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>hydrotreated heavy (64742-48-9)</td>
<td>Ingestion</td>
<td>long term – systemic effects</td>
<td>300 mg/kg</td>
</tr>
<tr>
<td>Naphtha (petroleum),</td>
<td>Skin contact</td>
<td>long term – systemic effects</td>
<td>300 mg/kg</td>
</tr>
<tr>
<td>hydrotreated heavy (64742-48-9)</td>
<td>Inhalation</td>
<td>long term – systemic effects</td>
<td>900 mg/m³</td>
</tr>
<tr>
<td>butan-1-ol (71-36-3)</td>
<td>Inhalation</td>
<td>long term – local effects</td>
<td>310 mg/m³</td>
</tr>
<tr>
<td>butan-1-ol (71-36-3)</td>
<td>Inhalation</td>
<td>long term – local effects</td>
<td>55 mg/m³</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Substance</th>
<th>PNEC:</th>
</tr>
</thead>
<tbody>
<tr>
<td>acetone (67-64-1)</td>
<td>Soil</td>
</tr>
<tr>
<td></td>
<td>Value: 29.5 mg/kg</td>
</tr>
<tr>
<td>acetone (67-64-1)</td>
<td>Fresh water</td>
</tr>
<tr>
<td></td>
<td>Value: 10.6 mg/l</td>
</tr>
<tr>
<td>acetone (67-64-1)</td>
<td>Fresh water sediment</td>
</tr>
<tr>
<td></td>
<td>Value: 30.4 mg/kg</td>
</tr>
<tr>
<td>acetone (67-64-1)</td>
<td>Marine water</td>
</tr>
</tbody>
</table>
Sample Agent Wheel Rim Silver mat Spray 750 ml 17-09005

Value: 1.06 mg/l

PNEC: acetone (67-64-1) : Marine sediment
Value: 3.04 mg/kg

PNEC: acetone (67-64-1) : STP
Value: 100 mg/l

PNEC: ethyl acetate (141-78-6) : Soil
Value: 0.148 mg/kg

PNEC: ethyl acetate (141-78-6) : STP
Value: 650 mg/l

PNEC: ethyl acetate (141-78-6) : Fresh water
Value: 0.24 mg/l

PNEC: ethyl acetate (141-78-6) : Marine water
Value: 0.024 mg/l

PNEC: ethyl acetate (141-78-6) : Fresh water sediment
Value: 1.15 mg/kg

PNEC: ethyl acetate (141-78-6) : Marine sediment
Value: 0.115 mg/kg

PNEC: xylene (1330-20-7) : Soil
Value: 2.31 mg/kg

PNEC: xylene (1330-20-7) : Fresh water
Value: 0.327 mg/l

PNEC: xylene (1330-20-7) : Fresh water sediment
Value: 12.46 mg/kg

PNEC: xylene (1330-20-7) : Marine water
Value: 0.327 mg/l

**PNEC:**
- **xylene (1330-20-7):** Marine sediment
  - Value: 12.46 mg/kg

**PNEC:**
- **xylene (1330-20-7):** STP
  - Value: 6.58 mg/l

**PNEC:**
- **n-butyl acetate (123-86-4):** Soil
  - Value: 0.0903 mg/kg

**PNEC:**
- **n-butyl acetate (123-86-4):** Fresh water
  - Value: 0.18 mg/l

**PNEC:**
- **n-butyl acetate (123-86-4):** Fresh water sediment
  - Value: 0.981 mg/kg

**PNEC:**
- **n-butyl acetate (123-86-4):** STP
  - Value: 35.6 mg/l

**PNEC:**
- **n-butyl acetate (123-86-4):** Marine water
  - Value: 0.018 mg/l

**PNEC:**
- **n-butyl acetate (123-86-4):** Marine sediment
  - Value: 0.0981 mg/kg

**PNEC:**
- **butan-1-ol (71-36-3):** Soil
  - Value: 0.015 mg/kg

**PNEC:**
- **butan-1-ol (71-36-3):** Fresh water
  - Value: 0.082 mg/l

**PNEC:**
- **butan-1-ol (71-36-3):** Fresh water sediment
  - Value: 0.178 mg/kg

**PNEC:**
- **butan-1-ol (71-36-3):** STP
  - Value: 4.58 mg/l
Sample Agent Wheel Rim Silver mat Spray 750 ml 17-09005

Version 2.0  Revision Date 20.03.2015  Print Date 20.11.2018

Value: 2476 mg/l

**PNEC:**
butan-1-ol (71-36-3) : Marine water
Value: 0.0082 mg/l

**PNEC:**
butan-1-ol (71-36-3) : Marine sediment
Value: 0.0178 mg/kg

**PNEC:**
butan-1-ol (71-36-3) : Sporadic Release
Value: 2.25 mg/l

### 8.2 Exposure controls

**Personal protective equipment**

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

Hand protection
Remarks : 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 work place.

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

**Environmental exposure controls**

General advice : 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.
SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- **Appearance**: liquid
- **Colour**: no data available
- **Odour**: no data available
- **pH**: no data available
- **Freezing point**: no data available, 55 °C
- **Flash point**: no data available, -19 °C
- **Bulk density**: no data available
- **Flammability (solid, gas)**: no data available
- **Auto-flammability**: no data available
- **Upper explosion limit**: no data available
- **Lower explosion limit**: no data available
- **Vapour pressure**: no data available
- **Density**: ca. 0.92 g/cm³
- **Water solubility**: no data available
- **Solubility in other solvents**: no data available
- **Partition coefficient: n-octanol/water**: no data available
- **Auto-ignition temperature**: no data available
- **Thermal decomposition**: no data available
- **Viscosity, dynamic**: no data available
- **Viscosity, kinematic**: no data available
- **Flow time**: 10 - 12 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: Stable under recommended storage conditions.
Vapours may form explosive mixture with air.

10.4 Conditions to avoid
Conditions to avoid: Heat, flames and sparks.

10.5 Incompatible materials
Materials to avoid: no data available

10.6 Hazardous decomposition products
Hazardous decomposition products: no data available

Other information: no data 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: > 20 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

Acute dermal toxicity: Acute toxicity estimate: > 2,000 mg/kg
Method: Calculation method

Components:
67-64-1:
Acute oral toxicity: LD50 rat: 4,700 - 5,800 mg/kg

Acute inhalation toxicity: LC50 rat: 76 mg/l
Exposure time: 4 h

Acute dermal toxicity: LD50 rabbit: > 2,000 mg/kg

141-78-6:
Acute inhalation toxicity: LC50 rat: 56 mg/l
Exposure time: 4 h

Acute dermal toxicity: LD50 rabbit: > 18,000 mg/kg

1330-20-7:
Acute dermal toxicity: Acute toxicity estimate: 1,100 mg/kg
Method: Converted acute toxicity point estimate

7429-90-5:
Acute inhalation toxicity: LC50 rat: > 5 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist

64742-95-6 :
Acute oral toxicity: LD50 rat: 2,000 - 5,000 mg/kg

Acute dermal toxicity: LD50 rabbit: > 2,000 mg/kg

64742-48-9 :
Acute oral toxicity: LD50 rat: > 5,000 mg/kg

Acute inhalation toxicity: LC50 rat: > 4,951 mg/m3

Acute dermal toxicity: LD50 rabbit: > 5,000 mg/kg

71-36-3 :
Acute oral toxicity: Acute toxicity estimate: 500 mg/kg
Method: Converted acute toxicity point estimate

Skin corrosion/irritation

Product
May cause skin irritation in susceptible persons.

Components:
67-64-1 :
Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

Serious eye damage/eye irritation

Product

May cause irreversible eye damage.

**Components:**

67-64-1:
Severe eye irritation

Respiratory or skin sensitisation
no data available

Carcinogenicity
no data available

Toxicity to reproduction/fertility
no data available

Reprod.Tox./Development/Teratogenicity
no data available

STOT - single exposure
no data available

STOT - repeated exposure
no data available

Aspiration toxicity
no data available

**Further information**

**Product**
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:**

64742-48-9:
Solvents may degrease the skin.

SECTION 12: Ecological information

12.1 Toxicity

no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

Components:
n-butyl acetate (123-86-4):
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

no data available

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 (64742-48-9):
Additional ecological information : no data available
SECTION 13: Disposal considerations

European Waste Catalogue : 08 01 11 - waste paint and varnish containing organic solvents or other 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

ADR : 1263
IMDG : 1263
IATA : 1263

14.2 Proper shipping name

ADR : PAINT
IMDG : PAINT
IATA : PAINT

14.3 Transport hazard class

ADR : 3
IMDG : 3
IATA : 3

14.4 Packing group

ADR
Packaging group : II
Classification Code : F1
Sample Agent Wheel Rim Silver mat Spray 750 ml 17-09005

Hazard identification No : 33
Labels : 3
Tunnel restriction code : (D/E)

IMDG
Packaging group : II
Labels : 3
EmS Number : F-E, S-E

IATA
Packing instruction (cargo aircraft) : 364
Packing instruction (passenger aircraft) : 353
Packing instruction (LQ) : Y341
Packaging group : II
Labels : 3

14.5 Environmental hazards
14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
no data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Prohibition/Restriction
Candidate List of Substances of Very High Concern for Authorisation : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

15.2 Chemical Safety Assessment
no data available

SECTION 16: Other information

Full text of R-Phrases

<table>
<thead>
<tr>
<th>R10</th>
<th>Flammable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>R11</td>
<td>Highly flammable.</td>
</tr>
<tr>
<td>R20/21</td>
<td>Harmful by inhalation and in contact with skin.</td>
</tr>
<tr>
<td>R22</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>R36</td>
<td>Irritating to eyes.</td>
</tr>
<tr>
<td>R37</td>
<td>Irritating to respiratory system.</td>
</tr>
<tr>
<td>R37/38</td>
<td>Irritating to respiratory system and skin.</td>
</tr>
<tr>
<td>R38</td>
<td>Irritating to skin.</td>
</tr>
<tr>
<td>R41</td>
<td>Risk of serious damage to eyes.</td>
</tr>
</tbody>
</table>

Full text of H-Statements

<table>
<thead>
<tr>
<th>H225</th>
<th>Highly flammable liquid and vapour.</th>
</tr>
</thead>
<tbody>
<tr>
<td>H226</td>
<td>Flammable liquid and vapour.</td>
</tr>
<tr>
<td>H228</td>
<td>Flammable solid.</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>H312</td>
<td>Harmful in contact with skin.</td>
</tr>
<tr>
<td>H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>H332</td>
<td>Harmful if inhaled.</td>
</tr>
<tr>
<td>H335</td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td>H336</td>
<td>May cause drowsiness or dizziness.</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects.</td>
</tr>
</tbody>
</table>

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.