

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## Sample Heat resistant spray black mat 400 ml 14-9002

Version 1.0

Revision Date 25.02.2015

Print Date 20.11.2018

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

#### 1.1 Product identifier

Trade name : Sample Heat resistant spray black mat 400 ml 14-9002

#### 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  
Responsible/issuing person

#### 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 aerosols , Category 1       | H222: Extremely flammable aerosol.<br>H229: Pressurised container: May burst if heated. |
| Eye irritation , Category 2           | H319: Causes serious eye irritation.  |
| Chronic aquatic toxicity , Category 3 | H412: Harmful to aquatic life with long lasting effects.                                |

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

|                               |   |
|-------------------------------|---|
| Extremely flammable           | R12: Extremely flammable.<br>R67: Vapours may cause drowsiness and dizziness.                         |
| Dangerous for the environment | R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |

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### 2.2 Label elements

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

|                                |   |   |   |
|--------------------------------|---|---|---|
| Hazard pictograms              | : |   |   |
| Signal word                    | : | Danger  |   |
| Hazard statements              | : | H222<br>H229<br>H319<br>H412  | Extremely flammable aerosol.<br>Pressurised container: May burst if heated.<br>Causes serious eye irritation.<br>Harmful to aquatic life with long lasting effects.   |
| Supplemental Hazard Statements | : | EUH066  | Repeated exposure may cause skin dryness or cracking.   |
| Precautionary statements       | : | P101<br>P102<br><b>Prevention:</b><br>P210<br>P211<br>P251  | If medical advice is needed, have product container or label at hand.<br>Keep out of reach of children.<br>Keep away from heat/sparks/open flames/hot surfaces. - No smoking.<br>Do not spray on an open flame or other ignition source.<br>Pressurized container: Do not pierce or burn, even after use. |
|                                |   | <b>Response:</b><br>P305 + P351 + P338  | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  |
|                                |   | <b>Storage:</b><br>P410 + P412  | Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.   |
|                                |   | <b>Disposal:</b><br>P501  | Dispose of contents/ container to an approved waste disposal plant.   |

### 2.3 Other hazards

No information available.

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**SECTION 3: Composition/information on ingredients**
**3.2 Mixtures**
**Hazardous components**

| Chemical Name                                    | CAS-No.<br>EC-No.<br>Registration number    | Classification<br>(67/548/EEC)                       | Classification<br>(REGULATION<br>(EC) No<br>1272/2008)  | Concentration<br>[%] |
|--|---|--|---|----------------------|
| propane  | 74-98-6<br>200-827-9                        | F+; R12  | Flam. Gas 1; H220<br>Press. Gas C;<br>H280  | >= 20 - < 25         |
| butane   | 106-97-8<br>203-448-7                       | F+; R12  | Flam. Gas 1; H220<br>Press. Gas C;<br>H280  | >= 20 - < 25         |
| low boiling point<br>hydrogen treated<br>naphtha | 64742-48-9<br>265-150-3                     | Xn; R65  | Asp. Tox. 1; H304   | >= 10 - < 20         |
| n-butyl acetate                                  | 123-86-4<br>204-658-1<br>01-2119485493-29   | R10<br>R66<br>R67                                    | Flam. Liq. 3; H226<br>STOT SE 3; H336   | < 10                 |
| Low boiling point<br>naphtha -<br>unspecified    | 64742-95-6<br>265-199-0<br>01-2119455851-35 | Xn; R65<br>Xi; R37<br>N; R51/53<br>R10<br>R66<br>R67 | Flam. Liq. 3; H226<br>Asp. Tox. 1; H304<br>STOT SE 3; H335,<br>H336<br>Aquatic Chronic 2;<br>H411               | >= 2.5 - < 10        |
| xylene   | 1330-20-7<br>215-535-7                      | R10<br>Xn; R20/21<br>Xi; R38                         | Flam. Liq. 3; H226<br>Acute Tox. 4; H312<br>Acute Tox. 4; H332<br>Skin Irrit. 2; H315                           | >= 5 - < 10          |
| butan-1-ol                                       | 71-36-3<br>200-751-6<br>01-2119484630-38    | R10<br>Xn; R22<br>Xi; R37/38-R41<br>R67              | Flam. Liq. 3; H226<br>Acute Tox. 4; H302<br>Skin Irrit. 2; H315<br>Eye Dam. 1; H318<br>STOT SE 3; H335,<br>H336 | >= 1 - < 3           |
| 1,2,4-<br>trimethylbenzene                       | 95-63-6<br>202-436-9                        | R10<br>Xn; R20<br>Xi; R36/37/38                      | Flam. Liq. 3; H226<br>Acute Tox. 4; H332<br>Skin Irrit. 2; H315   | >= 0.25 - < 1        |

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|--|--|------------|---|--|
|  |  | N; R51-R53 | Eye Irrit. 2; H319<br>STOT SE 3; H335<br>Aquatic Chronic 2;<br>H411 |  |
|--|--|------------|---|--|

For the full text of the R-phrases mentioned in this Section, see Section 16.

For the full text of the H-Statements mentioned in this Section, see Section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Consult a physician.  
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 : Small amounts splashed into eyes can cause irreversible tissue damage and blindness.  
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do NOT induce vomiting.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
Take victim immediately to hospital.

#### 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.

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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

- Suitable extinguishing media : Dry sand, Carbon dioxide (CO<sub>2</sub>), Alcohol-resistant foam, ABC powder
- 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 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. Use a water spray to cool fully closed containers.

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**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

- Personal precautions : Use personal protective equipment.  
Avoid breathing dust.  
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.

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**6.3 Methods and materials for containment and cleaning up**

Methods for cleaning up : Pick up and transfer to properly labelled containers.

**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 : 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. 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 : BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. 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. Observe label precautions. 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)**

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This information is not available.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

| Components          | CAS-No.   | Value type<br>(Form of exposure)   | Control parameters                 | Update     | Basis   |
|---------------------|-----------|--|------------------------------------|------------|---------|
| butane              | 106-97-8  | STEL   | 750 ppm<br>1,810 mg/m <sup>3</sup> | 2007-08-01 | GB EH40 |
| Further information |           | Capable of causing cancer and/or heritable genetic damage. The identified substances include those which: - are assigned the risk phrases 'R45: May cause cancer'; 'R46: may cause heritable genetic damage'; 'R49: May cause cancer by inhalation' or - a substance or process listed in Schedule 1 of COSHH. Carcinogenic only applies if butane contains more than 0.1% of buta-1,3-diene |                                    |            |         |
| butane              | 106-97-8  | TWA  | 600 ppm<br>1,450 mg/m <sup>3</sup> | 2007-08-01 | GB EH40 |
| Further information |           | Capable of causing cancer and/or heritable genetic damage. The identified substances include those which: - are assigned the risk phrases 'R45: May cause cancer'; 'R46: may cause heritable genetic damage'; 'R49: May cause cancer by inhalation' or - a substance or process listed in Schedule 1 of COSHH. Carcinogenic only applies if butane contains more than 0.1% of buta-1,3-diene |                                    |            |         |
| Components          | CAS-No.   | Value type<br>(Form of exposure)   | Control parameters                 | Update     | Basis   |
| n-butyl acetate     | 123-86-4  | TWA  | 150 ppm<br>724 mg/m <sup>3</sup>   | 2005-04-06 | GB EH40 |
| n-butyl acetate     | 123-86-4  | STEL   | 200 ppm<br>966 mg/m <sup>3</sup>   | 2005-04-06 | GB EH40 |
| Components          | CAS-No.   | Value type<br>(Form of exposure)   | Control parameters                 | Update     | Basis   |
| xylene              | 1330-20-7 | TWA  | 50 ppm<br>220 mg/m <sup>3</sup>    | 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   |                                    |            |         |

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|                        |           |   |                                  |            |            |
|------------------------|-----------|---|----------------------------------|------------|------------|
|                        |           | lead to systemic toxicity.  |                                  |            |            |
| xylene                 | 1330-20-7 | STEL  | 100 ppm<br>441 mg/m <sup>3</sup> | 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<br>221 mg/m <sup>3</sup>  | 2000-06-16 | 2000/39/EC |
| Further information    |           | Identifies the possibility of significant uptake through the skin<br>Indicative   |                                  |            |            |
| xylene                 | 1330-20-7 | STEL  | 100 ppm<br>442 mg/m <sup>3</sup> | 2000-06-16 | 2000/39/EC |
| Further information    |           | Identifies the possibility of significant uptake through the skin<br>Indicative   |                                  |            |            |
| Components             | CAS-No.   | Value type<br>(Form of exposure)  | Control parameters               | Update     | Basis      |
| butan-1-ol             | 71-36-3   | STEL  | 50 ppm<br>154 mg/m <sup>3</sup>  | 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. |                                  |            |            |
| Components             | CAS-No.   | Value type<br>(Form of exposure)  | Control parameters               | Update     | Basis      |
| 1,2,4-trimethylbenzene | 95-63-6   | TWA   | 20 ppm<br>100 mg/m <sup>3</sup>  | 2000-06-16 | 2000/39/EC |
| Further information    |           | Indicative  |                                  |            |            |

### **Biological occupational exposure limits**

| Substance name | CAS-No.   | Control parameters            | Sampling time | Update     |
|----------------|-----------|-------------------------------|---------------|------------|
| xylene         | 1330-20-7 | methyl hippuric acid: (Urine) | Post shift    | 2005-04-06 |

### **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



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**DNEL:**Naphtha (petroleum),  
hydrotreated heavy (64742-  
48-9)End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: long term – systemic effects  
Value: 300 mg/kg**DNEL:**Naphtha (petroleum),  
hydrotreated heavy (64742-  
48-9)End Use: Consumers  
Exposure routes: Skin contact  
Potential health effects: long term – systemic effects  
Value: 300 mg/kg**DNEL:**Naphtha (petroleum),  
hydrotreated heavy (64742-  
48-9)End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: long term – systemic effects  
Value: 900 mg/m<sup>3</sup>**DNEL:**

n-butyl acetate (123-86-4)

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: short term – local effects  
Value: 960 mg/m<sup>3</sup>**DNEL:**

n-butyl acetate (123-86-4)

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: short term – systemic effects  
Value: 960 mg/m<sup>3</sup>**DNEL:**

n-butyl acetate (123-86-4)

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: long term – local effects  
Value: 480 mg/m<sup>3</sup>**DNEL:**

n-butyl acetate (123-86-4)

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: long term – systemic effects  
Value: 480 mg/m<sup>3</sup>**DNEL:**

n-butyl acetate (123-86-4)

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: short term – local effects  
Value: 859.7 mg/m<sup>3</sup>

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**DNEL:**

n-butyl acetate (123-86-4)

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: short term – systemic effects  
Value: 859.7 mg/m<sup>3</sup>

**DNEL:**

n-butyl acetate (123-86-4)

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: long term – local effects  
Value: 102.34 mg/m<sup>3</sup>

**DNEL:**

n-butyl acetate (123-86-4)

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: long term – systemic effects  
Value: 102.34 mg/m<sup>3</sup>

**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/m<sup>3</sup>

**DNEL:**

xylene (1330-20-7)

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: short term – local effects  
Value: 289 mg/m<sup>3</sup>

**DNEL:**

xylene (1330-20-7)

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: short term – systemic effects  
Value: 289 mg/m<sup>3</sup>

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**DNEL:**

xylene (1330-20-7)

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: long term – systemic effects  
Value: 77 mg/m<sup>3</sup>

**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/m<sup>3</sup>

**DNEL:**

xylene (1330-20-7)

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: short term – systemic effects  
Value: 174 mg/m<sup>3</sup>

**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/m<sup>3</sup>

**DNEL:**

xylene (1330-20-7)

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: long term – systemic effects  
Value: 1.6 mg/kg

**DNEL:**

butan-1-ol (71-36-3)

End Use: Workers  
Exposure routes: Inhalation  
Potential health effects: long term – local effects  
Value: 310 mg/m<sup>3</sup>

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**DNEL:**

butan-1-ol (71-36-3)

End Use: Consumers  
Exposure routes: Inhalation  
Potential health effects: long term – local effects  
Value: 55 mg/m<sup>3</sup>

**DNEL:**

butan-1-ol (71-36-3)

End Use: Consumers  
Exposure routes: Ingestion  
Potential health effects: long term – systemic effects  
Value: 3.125 mg/kg

**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:**

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

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|--------------------------------------|---|--|
| <b>PNEC:</b><br>xylene (1330-20-7)   | : | Marine water<br>Value: 0.327 mg/l          |
| <b>PNEC:</b><br>xylene (1330-20-7)   | : | Marine sediment<br>Value: 12.46 mg/kg      |
| <b>PNEC:</b><br>xylene (1330-20-7)   | : | STP<br>Value: 6.58 mg/l                    |
| <b>PNEC:</b><br>butan-1-ol (71-36-3) | : | Soil<br>Value: 0.015 mg/kg                 |
| <b>PNEC:</b><br>butan-1-ol (71-36-3) | : | Fresh water<br>Value: 0.082 mg/l           |
| <b>PNEC:</b><br>butan-1-ol (71-36-3) | : | Fresh water sediment<br>Value: 0.178 mg/kg |
| <b>PNEC:</b><br>butan-1-ol (71-36-3) | : | STP<br>Value: 2476 mg/l                    |
| <b>PNEC:</b><br>butan-1-ol (71-36-3) | : | Marine water<br>Value: 0.0082 mg/l         |
| <b>PNEC:</b><br>butan-1-ol (71-36-3) | : | Marine sediment<br>Value: 0.0178 mg/kg     |
| <b>PNEC:</b><br>butan-1-ol (71-36-3) | : | Sporadic Release<br>Value: 2.25 mg/l       |

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles

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- Hand protection  
Material : Solvent-resistant gloves (butyl-rubber)
- Remarks : 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 break through 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 work place.
- Respiratory protection : In the case of vapour formation use a respirator with an approved filter.  
In the case of dust or aerosol formation use 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 : aerosol
- Colour : no data available

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| Odour                                  | : characteristic                        |
| pH                                     | : no data available                     |
| Freezing point                         | : no data available                     |
| Boiling point/boiling range            | : -44 °C                                |
| Flash point                            | : -97 °C                                |
| Bulk density                           | : no data available                     |
| Flammability (solid, gas)              | : no data available                     |
| Auto-flammability                      | : no data available                     |
| Upper explosion limit                  | : upper flammability limit<br>10.4 %(V) |
| Lower explosion limit                  | : lower flammability limit<br>1.1 %(V)  |
| Vapour pressure                        | : no data available                     |
| Density                                | : no data available                     |
| 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                              | : no data available                     |

### 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

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No decomposition if stored and applied as directed.

**10.3 Possibility of hazardous reactions**

Hazardous reactions : No decomposition if stored and applied as directed.

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**

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 : > 5 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: Calculation method

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

Method: Calculation method



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### Components:

#### **74-98-6 :**

Acute inhalation toxicity : LC50 rat: 800000 ppm

Exposure time: 0.25 h

#### **64742-48-9 :**

Acute oral toxicity : LD50 rat: > 5,000 mg/kg

Acute inhalation toxicity : LC50 rat: > 4,951 mg/m<sup>3</sup>

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

#### **64742-95-6 :**

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

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

#### **1330-20-7 :**

Acute dermal toxicity : Acute toxicity estimate : 1,100 mg/kg

Method: Converted acute toxicity point estimate

#### **71-36-3 :**

Acute oral toxicity : Acute toxicity estimate : 500 mg/kg

Method: Converted acute toxicity point estimate

### **Skin corrosion/irritation**

#### Product

Extremely corrosive and destructive to tissue.

### **Serious eye damage/eye irritation**

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### Product

May cause irreversible eye damage.

### **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.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**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

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**SECTION 13: Disposal considerations**

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

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### 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 : 1950  
IMDG : 1950  
IATA : 1950

### 14.2 Proper shipping name

- ADR : AEROSOLS  
IMDG : AEROSOLS  
IATA : AEROSOLS, FLAMMABLE

### 14.3 Transport hazard class

- ADR : 2  
IMDG : 2.1  
IATA : 2.1

### 14.4 Packing group

- ADR
- Classification Code : 5F  
Labels : 2.1  
Tunnel restriction code : (D)
- IMDG  
Labels : 2.1

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EmS Number : F-D, S-U

### IATA

Packing instruction (cargo aircraft) : 203

Packing instruction (passenger aircraft) : 203

Packing instruction (LQ) : Y203

Labels : 2.1

### 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

R10 Flammable.

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|           |  |
|-----------|--|
| R12       | Extremely flammable.                             |
| R20       | Harmful by inhalation.                           |
| R20/21    | Harmful by inhalation and in contact with skin.  |
| R22       | Harmful if swallowed.                            |
| R36/37/38 | Irritating to eyes, respiratory system and skin. |
| R37       | Irritating to respiratory system.                |
| R37/38    | Irritating to respiratory system and skin.       |
| R38       | Irritating to skin.                              |
| R41       | Risk of serious damage to eyes.                  |

### Full text of H-Statements

|      |   |
|------|---|
| H220 | Extremely flammable gas.                            |
| H226 | Flammable liquid and vapour.                        |
| H280 | Contains gas under pressure; may explode if heated. |
| 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.                  |
| H411 | Toxic to aquatic life with long lasting effects.    |

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.