

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



Sample Clear lacquer Spray 400 ml 14-0003

Version 1.0

Revision Date 29.01.2014

Print Date 20.11.2018

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

1.1 Product identifier

Trade name : Sample Clear lacquer Spray 400 ml 14-0003

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. |
| Eye irritation , Category 2 | H319: Causes serious eye irritation. |
| Specific target organ toxicity - single exposure , Category 3, Central nervous system | H336: May cause drowsiness or dizziness. |
| 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. 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 |

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environment.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

| | | |
|--------------------------------|---|---|
| Hazard pictograms | : |   |
| Signal word | : | Danger |
| Hazard statements | : | H222 Extremely flammable aerosol. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H412 Harmful to aquatic life with long lasting effects. |
| Supplemental Hazard Statements | : | EUH066 Repeated exposure may cause skin dryness or cracking. |
| Precautionary statements | : | P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P103 Read label before use. Prevention: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P271 Use only outdoors or in a well-ventilated area. Storage: P405 Store locked up. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant. |

Hazardous components which must be listed on the label:
123-86-4 n-butyl acetate

Additional Labelling:

,,, S16, S 2 ; Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50 °C., Do not pierce or burn, even after use., Do not spray on a naked flame or any incandescent material., Keep away from sources of ignition - No smoking., Keep out of the reach of children.

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2.3 Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

| Chemical Name | CAS-No. EC-No. Registration number | Classification (67/548/EEC) | Classification (REGULATION (EC) No 1272/2008) | Concentration [%] |
|--|---|--|---|----------------------|
| n-butyl acetate | 123-86-4 204-658-1 01-2119485493-29 | R10 R66 R67 | Flam. Liq. 3; H226 STOT SE 3; H336 | >= 15 - < 20 |
| propane | 74-98-6 200-827-9 | F+; R12 | Flam. Gas 1; H220 Press. Gas C; H280 | >= 10 - < 20 |
| butane | 106-97-8 203-448-7 | F+; R12 | Flam. Gas 1; H220 Press. Gas C; H280 | >= 10 - < 20 |
| acetone | 67-64-1 200-662-2 01-2119471330-49 | F; R11 Xi; R36 R66 R67 | Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 | >= 10 - < 15 |
| xylene | 1330-20-7 215-535-7 01-2119488216-32 | R10 Xn; R20/21 Xi; R38 | Flam. Liq. 3; H226 Acute Tox. 4; H312 Acute Tox. 4; H332 Skin Irrit. 2; H315 | >= 5 - < 10 |
| Solvent naphtha (petroleum), light arom. | 64742-95-6 265-199-0 01-2119455851-35 | Xn; R65 Xi; R37 N; R51/53 R10 R66 R67 | Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H335, H336 Aquatic Chronic 2; H411 | >= 2.5 - < 10 |
| butan-1-ol | 71-36-3 200-751-6 01-2119484630-38 | R10 Xn; R22 Xi; R37/38-R41 R67 | Flam. Liq. 3; H226 Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335, H336 | >= 1 - < 3 |

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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. 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

- | | |
|--------------------------------|---|
| Suitable extinguishing media | : Alcohol-resistant foam, Carbon dioxide (CO ₂), Dry chemical |
| Unsuitable extinguishing media | : High volume water jet |

5.2 Special hazards arising from the substance or mixture

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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.

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.

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.

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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. 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

| Components | CAS-No. | Value type (Form of | Control parameters | Update | Basis |
|------------|---------|---------------------|--------------------|--------|-------|
|------------|---------|---------------------|--------------------|--------|-------|

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| | | | | | |
|---------------------|-----------|--|--------------------------------------|------------|------------|
| n-butyl acetate | 123-86-4 | exposure) TWA | 150 ppm 724 mg/m ³ | 2005-04-06 | GB EH40 |
| n-butyl acetate | 123-86-4 | STEL | 200 ppm 966 mg/m ³ | 2005-04-06 | GB EH40 |
| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Update | Basis |
| butane | 106-97-8 | STEL | 750 ppm 1,810 mg/m ³ | 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 1,450 mg/m ³ | 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 (Form of exposure) | Control parameters | Update | Basis |
| acetone | 67-64-1 | TWA | 500 ppm 1,210 mg/m ³ | 2000-06-16 | 2000/39/EC |
| Further information | | Indicative | | | |
| acetone | 67-64-1 | TWA | 500 ppm 1,210 mg/m ³ | 2005-04-06 | GB EH40 |
| acetone | 67-64-1 | STEL | 1,500 ppm 3,620 mg/m ³ | 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/m ³ | 2005-04-06 | GB EH40 |

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| | | | | | |
|---------------------|-----------|---|----------------------------------|------------|------------|
| 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/m ³ | 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/m ³ | 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/m ³ | 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 |
| butan-1-ol | 71-36-3 | STEL | 50 ppm 154 mg/m ³ | 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. | | | |

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:

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

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

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

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 102.34 mg/m³

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

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DNEL:
acetone (67-64-1)

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:
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

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| | |
|--|--|
| | Exposure routes: Inhalation Potential health effects: short term – local effects Value: 174 mg/m ³ |
| DNEL: xylene (1330-20-7) | End Use: Consumers Exposure routes: Inhalation Potential health effects: short term – systemic effects Value: 174 mg/m ³ |
| 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 ³ |
| DNEL: xylene (1330-20-7) | End Use: Consumers Exposure routes: Ingestion Potential health effects: long term – systemic effects Value: 1.6 mg/kg |
| 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 ³ |
| DNEL: butan-1-ol (71-36-3) | End Use: Workers |

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Exposure routes: Inhalation
Potential health effects: long term – local effects
Value: 310 mg/m³

DNEL:

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

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: long term – local effects
Value: 55 mg/m³

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:

acetone (67-64-1)

:
Soil
Value: 29.5 mg/kg

PNEC:

acetone (67-64-1)

:
Fresh water
Value: 10.6 mg/l

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| | | |
|--------------------------------------|---|--|
| PNEC: acetone (67-64-1) | : | Fresh water sediment Value: 30.4 mg/kg |
| PNEC: acetone (67-64-1) | : | Marine water Value: 1.06 mg/l |
| PNEC: acetone (67-64-1) | : | Marine sediment Value: 3.04 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: 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 |

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| | | |
|--------------------------------------|---|--|
| PNEC: butan-1-ol (71-36-3) | : | STP 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 |
| 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 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. |

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- 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
- 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 : no data available
- Lower explosion limit : no data available
- Vapour pressure : no data available
- Density : 0.72 g/cm³
- Water solubility : no data available
- Solubility in other solvents : no data available

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| | |
|--|---------------------|
| 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

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

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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

Components:

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

May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Product

May cause irreversible eye damage.

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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.

SECTION 12: Ecological information

12.1 Toxicity

no data available

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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.

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.

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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
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

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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

Water contaminating class : WGK 2 water endangering
(Germany)

15.2 Chemical Safety Assessment

no data available

SECTION 16: Other information

Full text of R-Phrases

| | |
|--------|---|
| R10 | Flammable. |
| R11 | Highly flammable. |
| R12 | Extremely flammable. |
| R20/21 | Harmful by inhalation and in contact with skin. |
| R22 | Harmful if swallowed. |
| R36 | Irritating to eyes. |
| 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. |
| H225 | Highly flammable liquid and vapour. |
| 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. |

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| | |
|------|--|
| 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.