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

1.1 Product identifier
   Trade name : METALURE A-42010 BG

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 : 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 3
   Acute toxicity, Category 4
   Acute toxicity, Category 4
   Acute toxicity, Category 4
   Skin irritation, Category 2
   Eye irritation, Category 2
   H226: Flammable liquid and vapour.
   H302: Harmful if swallowed.
   H332: Harmful if inhaled.
   H312: Harmful in contact with skin.
   H315: Causes skin irritation.
   H319: Causes serious eye irritation.

   Classification (67/548/EEC, 1999/45/EC)
   Flammable
   Harmful
   Irritant
   R10: Flammable.
   R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
   R36/38: Irritating to eyes and skin.
2.2 Label elements

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

**Hazard pictograms**: Flammable liquid and vapour.

**Signal word**: Warning

**Hazard statements**:
- H226 Flammable liquid and vapour.
- H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.

**Precautionary statements**:
- **Prevention**: P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

**Response**: P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P312 Call a POISON CENTER or doctor/ physician if you feel unwell.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P370 + P378 In case of fire: Use for extinction: Dry sand.

**Storage**: P403 + P235 Store in a well-ventilated place. Keep cool.

Hazardous components which must be listed on the label:
- 111-76-2 2-butoxyethanol

2.3 Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

**Hazardous components**
SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

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

If inhaled

- If unconscious place in recovery position and seek medical advice.
- If symptoms persist, call a physician.

In case of skin contact

- Wash off immediately with soap and plenty of water.
- 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.
- 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

Symptoms: No information available.
Risks: No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Dry sand, Special powder against metal fire
Unsuitable extinguishing media: ABC powder, Carbon dioxide (CO2), Water, Foam

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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
SAFETY DATA SHEET
generated according to Regulation (EC) No. 1907/2006

METALURE A-42010 BG

Version 1.0
Revision Date 30.10.2014
Print Date 20.11.2018

Personal precautions:
- Evacuate personnel to safe areas.
- Use personal protective equipment.
- 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:
- Use mechanical handling equipment.
  - Soak up with inert absorbent material (e.g., sand, silica gel, acid binder, universal binder, sawdust).
- 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

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

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

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.

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

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

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>2-butoxyethanol</td>
<td>111-76-2</td>
<td>TWA</td>
<td>20 ppm 98 mg/m3</td>
<td>2000-06-16</td>
<td>2000/39/EC</td>
</tr>
</tbody>
</table>
### Further information
Identifies the possibility of significant uptake through the skin.

<table>
<thead>
<tr>
<th>Compound</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>2-butoxyethanol</td>
<td>111-76-2</td>
<td>STEL</td>
<td>50 ppm 246 mg/m³</td>
<td>2000-06-16</td>
<td>2000/39/EC</td>
</tr>
</tbody>
</table>

### Further information
Identifies the possibility of significant uptake through the skin.

<table>
<thead>
<tr>
<th>Compound</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>2-butoxyethanol</td>
<td>111-76-2</td>
<td>TWA</td>
<td>25 ppm</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 lead to systemic toxicity.

<table>
<thead>
<tr>
<th>Compound</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>2-butoxyethanol</td>
<td>111-76-2</td>
<td>STEL</td>
<td>50 ppm</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
</tbody>
</table>

### Components

<table>
<thead>
<tr>
<th>Component</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>aluminium</td>
<td>7429-90-5</td>
<td>TWA (Inhalable)</td>
<td>10 mg/m³</td>
<td>2011-12-01</td>
<td>GB EH40</td>
</tr>
</tbody>
</table>

### 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>Component</th>
<th>CAS-No.</th>
<th>Value type (Respirable)</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>aluminium</td>
<td>7429-90-5</td>
<td>TWA (Respirable)</td>
<td>4 mg/m³</td>
<td>2011-12-01</td>
<td>GB EH40</td>
</tr>
</tbody>
</table>

### 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>Component</th>
<th>CAS-No.</th>
<th>Value type (Inhalable)</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>aluminium</td>
<td>7429-90-5</td>
<td>TWA (Inhalable)</td>
<td>10 mg/m³</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
</tbody>
</table>
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>aluminium</th>
<th>7429-90-5</th>
<th>TWA (Respirable)</th>
<th>4 mg/m(^3)</th>
<th>2005-04-06</th>
<th>GB EH40</th>
</tr>
</thead>
</table>

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...
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<tr>
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<th>CAS-No.</th>
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<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>
<tr>
<td></td>
<td></td>
<td></td>
<td>1,210 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Further information</td>
<td></td>
<td>Indicative</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>acetone</td>
<td>67-64-1</td>
<td>TWA</td>
<td>500 ppm</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1,210 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>acetone</td>
<td>67-64-1</td>
<td>STEL</td>
<td>1,500 ppm</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>3,620 mg/m³</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**DNEL:**
2-butoxyethanol (111-76-2)
End Use: Workers
Exposure routes: Skin contact
Potential health effects: short term – systemic effects
Value: 89 mg/kg

**DNEL:**
2-butoxyethanol (111-76-2)
End Use: Workers
Exposure routes: Skin contact
Potential health effects: long term – systemic effects
Value: 75 mg/kg

**DNEL:**
2-butoxyethanol (111-76-2)
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: short term – local effects
Value: 123 mg/m³

**DNEL:**
2-butoxyethanol (111-76-2)
End Use: Consumers
Exposure routes: Ingestion
Potential health effects: short term – systemic effects
Value: 13.4 mg/kg

**DNEL:**
2-butoxyethanol (111-76-2)
End Use: Consumers
Exposure routes: Skin contact
Potential health effects: short term – systemic effects
Value: 44.5 mg/kg

DNEL:
2-butoxyethanol (111-76-2)  
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: short term – systemic effects
Value: 426 mg/m3

DNEL:
2-butoxyethanol (111-76-2)  
End Use: Consumers
Exposure routes: Ingestion
Potential health effects: long term – systemic effects
Value: 3.2 mg/kg

DNEL:
2-butoxyethanol (111-76-2)  
End Use: Consumers
Exposure routes: Skin contact
Potential health effects: long term – systemic effects
Value: 38 mg/kg

DNEL:
2-butoxyethanol (111-76-2)  
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 49 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
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

**PNEC:**

2-butoxyethanol (111-76-2):
Fresh water
Value: 8.8 mg/l

2-butoxyethanol (111-76-2):
Fresh water sediment
Value: 34.6 mg/kg

2-butoxyethanol (111-76-2):
Marine water
Value: 0.88 mg/l

2-butoxyethanol (111-76-2):
Marine sediment
Value: 3.46 mg/kg

2-butoxyethanol (111-76-2):
STP
Value: 463 mg/l

**PNEC:**

acetone (67-64-1):
Soil
Value: 29.5 mg/kg

acetone (67-64-1):
Fresh water
Value: 10.6 mg/l

acetone (67-64-1):
Fresh water sediment
Value: 30.4 mg/kg

acetone (67-64-1):
Marine water
Value: 1.06 mg/l

acetone (67-64-1):
Marine sediment
Value: 3.04 mg/kg
8.2 Exposure controls

**Personal protective equipment**

Eye protection : Goggles

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

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.

: 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 : Use suitable breathing protection if workplace concentration requires.

**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.

Water

The product should not be allowed to enter drains, water courses or the soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: liquid
Colour: no data available
Odour: characteristic
pH: no data available
Freezing point: no data available
Boiling point/boiling range: 171 °C
Flash point: 49 °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: 1.26 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
SECTION 10: Stability and reactivity

10.1 Reactivity
No decomposition if stored and applied as directed.

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

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

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

10.5 Incompatible materials
Materials to avoid: Acids
Bases
Oxidizing agents

10.6 Hazardous decomposition products
Other information: no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product
<table>
<thead>
<tr>
<th></th>
<th>Acute oral toxicity</th>
<th>Acute inhalation toxicity</th>
<th>Acute dermal toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Method</strong></td>
<td>Calculation method</td>
<td>Calculation method</td>
<td>Calculation method</td>
</tr>
<tr>
<td><strong>Acute toxicity estimate</strong></td>
<td>657.89 mg/kg</td>
<td>14.47 mg/l</td>
<td>1,447 mg/kg</td>
</tr>
<tr>
<td><strong>Exposure time</strong></td>
<td></td>
<td>4 h</td>
<td></td>
</tr>
<tr>
<td><strong>Test atmosphere</strong></td>
<td></td>
<td>vapour</td>
<td></td>
</tr>
</tbody>
</table>

**Components:**

<table>
<thead>
<tr>
<th>Component Code</th>
<th>Acute oral toxicity</th>
<th>Acute dermal toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-76-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute oral toxicity</td>
<td></td>
<td>Acute dermal toxicity</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Converted acute toxicity point estimate</td>
<td>Converted acute toxicity point estimate</td>
</tr>
<tr>
<td><strong>Acute toxicity estimate</strong></td>
<td>500 mg/kg</td>
<td>1,100 mg/kg</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Converted acute toxicity point estimate</td>
<td>Converted acute toxicity point estimate</td>
</tr>
<tr>
<td><strong>Acute toxicity estimate</strong></td>
<td>500 mg/kg</td>
<td>1,100 mg/kg</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Converted acute toxicity point estimate</td>
<td>Converted acute toxicity point estimate</td>
</tr>
<tr>
<td><strong>Acute toxicity estimate</strong></td>
<td>1,100 mg/kg</td>
<td>1,100 mg/kg</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Converted acute toxicity point estimate</td>
<td>Converted acute toxicity point estimate</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**
Product
May cause skin irritation in susceptible persons.

Serious eye damage/eye irritation
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
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

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 : 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 : Do not dispose of waste into sewer.
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: III
Classification Code: F1
Hazard identification No: 30
Labels: 3
Tunnel restriction code: (D/E)

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

IATA
Packing instruction (cargo): 366
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

Water contaminating class (Germany) : WGK 1 slightly water endangering

15.2 Chemical Safety Assessment

no data available

SECTION 16: Other information

Full text of R-Phrases

R11          Highly flammable.
R20/21/22    Harmful by inhalation, in contact with skin and if swallowed.
R36          Irritating to eyes.
R36/38       Irritating to eyes and skin.
R66          Repeated exposure may cause skin dryness or cracking.
R67          Vapours may cause drowsiness and dizziness.

Full text of H-Statements

H225         Highly flammable liquid and vapour.
H228         Flammable solid.
H302       Harmful if swallowed.
H312       Harmful in contact with skin.
H315       Causes skin irritation.
H319       Causes serious eye irritation.
H332       Harmful if inhaled.
H336       May cause drowsiness or dizziness.

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