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

1.1. Product identifier

<table>
<thead>
<tr>
<th>Product form</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product name</td>
<td>Silver Alloy 45 (V-HIAF Paste)</td>
</tr>
<tr>
<td>Type of product</td>
<td>Alloy</td>
</tr>
</tbody>
</table>

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

1.2.1. Relevant identified uses

<table>
<thead>
<tr>
<th>Main use category</th>
<th>Professional use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial/Professional use spec</td>
<td>For professional use only</td>
</tr>
<tr>
<td>Use of the substance/mixture</td>
<td>Brazing</td>
</tr>
<tr>
<td>Function or use category</td>
<td>Welding, cutting, heating and brazing</td>
</tr>
</tbody>
</table>

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

The Prince & Izant Companies
12999 Plaza Drive
44130 Cleveland, Ohio - USA
T 001-216-362-7000 - F 001-216-362-7456
support@princeizant.com - www.princeizant.com

1.4. Emergency telephone number

Emergency number: 001-800-424-9300 (CHEMTREC)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

<table>
<thead>
<tr>
<th>Skin corrosion/irritation, Category</th>
<th>H314</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category</td>
<td>H411</td>
</tr>
</tbody>
</table>

Adverse physicochemical, human health and environmental effects

Causes severe skin burns and eye damage. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

<table>
<thead>
<tr>
<th>Hazard pictograms (CLP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHS05</td>
</tr>
<tr>
<td>GHS09</td>
</tr>
</tbody>
</table>

Signal word (CLP) : Danger

Hazardous ingredients : potassium bifluoride, potassium hydrogen difluoride

Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage
                         H411 - Toxic to aquatic life with long lasting effects

Precautionary statements (CLP) : P260 - Do not breathe dust, fume
                                P264 - Wash hands thoroughly after handling
                                P273 - Avoid release to the environment
                                P280 - Wear eye protection, face protection, protective gloves, protective clothing
                                P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
                                P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
                                P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
                                P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
                                P310 - Immediately call a doctor
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P391 - Collect spillage
P405 - Store locked up
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

### 2.3. Other hazards

Other hazards not contributing to the classification: None under normal conditions.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silver substance with a Community workplace exposure limit</td>
<td>(CAS No) 7440-22-4</td>
<td>40 - 60</td>
<td>Not classified</td>
</tr>
<tr>
<td></td>
<td>(EC no) 231-131-3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cadmium substance listed as REACH Candidate</td>
<td>(CAS No) 7440-43-9</td>
<td>20 - 40</td>
<td>Aquatic Acute 1, H400</td>
</tr>
<tr>
<td></td>
<td>(EC no) 231-152-8</td>
<td></td>
<td>Aquatic Chronic 1, H410</td>
</tr>
<tr>
<td>Boric acid substance listed as REACH Candidate</td>
<td>(CAS No) 10043-35-3</td>
<td>1 - 10</td>
<td>Repr. 1B, H360/F</td>
</tr>
<tr>
<td></td>
<td>(EC no) 233-139-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 005-007-00-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potassium bifluoride, potassium hydrogen difluoride</td>
<td>(CAS No) 7789-29-9</td>
<td>1 - 10</td>
<td>Acute Tox. 3 [Oral], H301</td>
</tr>
<tr>
<td></td>
<td>(EC no) 232-156-2</td>
<td></td>
<td>Skin Corr. 1B, H314</td>
</tr>
<tr>
<td></td>
<td>(EC index no) 009-008-00-9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Distillates (petroleum), hydrotreated light, Kerosine - unspecif. [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).] substance with a Community workplace exposure limit</td>
<td>(CAS No) 64742-47-8</td>
<td>1 - 10</td>
<td>Asp. Tox. 1, H304</td>
</tr>
<tr>
<td></td>
<td>(EC no) 265-149-8</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(EC index no) 649-422-00-2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specific concentration limits:

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>Specific concentration limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boric acid</td>
<td>(CAS No) 10043-35-3</td>
<td>(C &gt;= 5.5) Repr. 1B, H360/F</td>
</tr>
<tr>
<td></td>
<td>(EC no) 233-139-2</td>
<td>(EC index no) 005-007-00-2</td>
</tr>
<tr>
<td>Potassium bifluoride, potassium hydrogen difluoride</td>
<td>(CAS No) 7789-29-9</td>
<td>(C &lt;= 5.5) Eye Irrit. 2, H319</td>
</tr>
<tr>
<td></td>
<td>(EC no) 232-156-2</td>
<td>(C &lt;= 5.5) Skin Irrit. 2, H315</td>
</tr>
<tr>
<td></td>
<td>(EC index no) 009-008-00-9</td>
<td>(C =&gt; 1) Skin Corr. 1B, H314</td>
</tr>
</tbody>
</table>

Full text of H-statements: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- **First-aid measures general**: Get immediate medical advice/attention.
- **First-aid measures after inhalation**: Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention.
- **First-aid measures after skin contact**: Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. Get immediate medical advice/attention.
- **First-aid measures after eye contact**: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
- **First-aid measures after ingestion**: Rinse mouth. Do not induce vomiting. Get immediate medical advice/attention.

#### 4.2. Most important symptoms and effects, both acute and delayed

- **Symptoms/injuries**: Causes severe skin burns and eye damage.
- **Symptoms/injuries after inhalation**: May cause respiratory irritation.
- **Symptoms/injuries after skin contact**: Burns.
- **Symptoms/injuries after eye contact**: Serious damage to eyes.
- **Symptoms/injuries after ingestion**: Burns.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire. Dry powder.

5.2. Special hazards arising from the substance or mixture

Fire hazard: The product is not flammable.
Explosion hazard: Product is not explosive.
Reactivity in case of fire: Not known.
Hazardous decomposition products in case of fire: Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire: No special measures required.
Firefighting instructions: Use extinguishing media appropriate for surrounding fire.
Protection during firefighting: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Avoid release to the environment.

6.1.1. For non-emergency personnel

Protective equipment: Wear suitable protective clothing, gloves and eye or face protection.
Emergency procedures: Ventilate spillage area. Avoid contact with skin and eyes. Do not breathe dust, fume.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. Wear suitable protective clothing, gloves and eye or face protection. For further information refer to section 8: “Exposure controls/personal protection”. Avoid contact with skin and eyes. Do not breathe Dust, Fumes.
Emergency procedures: Ventilate area.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment: Collect spillage.
Methods for cleaning up: Scoop spilled material, and gather remainder carefully. Place in an appropriate container and dispose of the contaminated material at a licensed site. This material and its container must be disposed of in a safe way, and as per local legislation.
Other information: This material and its container must be disposed of as hazardous waste. Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: “Exposure controls/personal protection”. For disposal of solid materials or residues refer to section 13: “Disposal considerations”.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe dust, fume.
Hygiene measures: Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Ensure adequate ventilation, especially in confined areas.
Storage conditions: Store locked up. Store in a well-ventilated place. Keep cool.
Incompatible materials: Acetylene, ammonia, ammonium nitrate, aqua regia, dioxane, ethylene oxide, chlorine trifluoride, halogens, hydrogen peroxide, hydrazine, hydrazine, mononitrate, hydrazoic acid, hydroxylamine, hydrogen sulfide, peracetic acid, phosphorus, selenium, sulfur, titanium plus potassium chloride. Bromates, chlorates and iodates of alkali and alkali earth metals.
Storage area: Store in a well-ventilated place.
Packaging materials: Keep only in original container.

7.3. Specific end use(s)

Other hot work operations with metals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Silver Alloy 45 (V-HIAF Paste)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<table>
<thead>
<tr>
<th>Silver (7440-22-4)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EU</td>
<td>Local name</td>
</tr>
<tr>
<td>EU</td>
<td>IOELV TWA (mg/m³)</td>
</tr>
</tbody>
</table>

**Distillates (petroleum), hydrotreated light, Kerosine - unspecified**, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F),] (64742-47-8)

| EU | IOELV TWA (mg/m³) | ≈ 200 mg/m³ |
| EU | IOELV TWA (ppm)   | ≈ 197 ppm |

8.2. Exposure controls

*Appropriate engineering controls*: Ensure good ventilation of the work station.


*Materials for protective clothing*: Wear suitable protective clothing

*Hand protection*: Protective gloves

*Eye protection*: Wear tight fitting safety glasses or face shield. Safety glasses

*Skin and body protection*: Wear suitable protective clothing

*Respiratory protection*: In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls : Avoid release to the environment.

**SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

*Physical state*: Solid

*Appearance*: Silver-gray alloy. Metallic wire, rod, strip.

*Colour*: Silver.

*Odour*: odourless.

*Odour threshold*: No data available

*pH*: No data available

*Relative evaporation rate (butylacetate=1)*: No data available

*Melting point*: No data available

*Freezing point*: Not applicable

*Boiling point*: No data available

*Flash point*: Not applicable

*Auto-ignition temperature*: Not applicable

*Decomposition temperature*: No data available

*Flammability (solid, gas)*: Non flammable

*Vapour pressure*: No data available

*Relative vapour density at 20 °C*: No data available

*Relative density*: Not applicable

*Solubility*: insoluble in water.

*Log Pow*: No data available

*Viscosity, kinematic*: Not applicable

*Viscosity, dynamic*: No data available

*Explosive properties*: Product is not explosive.

*Oxidising properties*: Oxidising solids Not applicable.

*Explosive limits*: Not applicable

9.2. Other information

No additional information available
### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

#### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

#### 10.5. Incompatible materials

Acetylene, ammonia, ammonium nitrate, aqua regia, dioxane, ethylene oxide, chlorine trifluoride, halogens, hydrogen peroxide, hydrazine, hydrazine, mononitrate, hydrazoic acid, hydroxylamine, hydrogen sulfide, performic acid, phosphorus, selenium, sulfur, titanium plus potassium chlorate. Bromates, chlorates and iodates of alkali and alkali earth metals.

#### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Acute toxicity</th>
<th>Not classified (Based on available data, the classification criteria are not met)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral</td>
<td>1140 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat (Dust/Mist - mg/l/4h)</td>
<td>0.0031 mg/l/4h</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Serious eye damage, category 1, implicit</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Additional information</td>
<td>Long-term exposure to brazing fume, gasses, or dust may contribute to pulmonary irritation or pneumoconiosis.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Specific target organ toxicity (single exposure)</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Specific target organ toxicity (repeated exposure)</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
</tbody>
</table>

#### 11.2. Toxicity

- **Ecology - general**: Toxic to aquatic life with long lasting effects.
- **Ecology - water**: Toxic to aquatic life with long lasting effects.

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Silver Alloy 45 (V-HIAF Paste)**

- Persistence and degradability: The product is not biodegradable.

#### 12.2. Persistence and degradability

**Silver Alloy 45 (V-HIAF Paste)**

- Persistence and degradability: Not established.

#### 12.3. Bioaccumulative potential

**Silver Alloy 45 (V-HIAF Paste)**

- Bioaccumulative potential: Not established.

#### 12.4. Mobility in soil

**Silver Alloy 45 (V-HIAF Paste)**

- Ecology - soil: Not established.

#### 12.5. Results of PBT and vPvB assessment

<table>
<thead>
<tr>
<th>Component</th>
<th>This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadmium (7440-43-9)</td>
<td>This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII</td>
</tr>
</tbody>
</table>
Silver Alloy 45 (V-HIAF Paste)
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Component
| boric acid (10043-35-3) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
| | This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects

Other adverse effects : None known.
Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector’s sorting instructions.
Waste disposal recommendations : Avoid release to the environment. Discharging into rivers and drains is forbidden. Dispose of contents/container to a hazardous or special waste collection point.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : 1759
UN-No. (IMDG) : 1759
UN-No. (IATA) : 1759
UN-No. (ADN) : 1759
UN-No. (RID) : 1759

14.2. UN proper shipping name

Proper Shipping Name (ADR) : CORROSIVE SOLID, N.O.S.
Proper Shipping Name (IMDG) : CORROSIVE SOLID, N.O.S.
Proper Shipping Name (IATA) : Corrosive solid, n.o.s.
Proper Shipping Name (ADN) : CORROSIVE SOLID, N.O.S.
Proper Shipping Name (RID) : CORROSIVE SOLID, N.O.S.

Transport document description (ADR) : UN 1759 CORROSIVE SOLID, N.O.S. (potassium bifluoride, potassium hydrogen difluoride), 8, II, (E), ENVIRONMENTALLY HAZARDOUS
Transport document description (IMDG) : UN 1759 CORROSIVE SOLID, N.O.S., 8, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
Transport document description (IATA) : UN 1759 Corrosive solid, n.o.s., 8, II, ENVIRONMENTALLY HAZARDOUS
Transport document description (ADN) : UN 1759 CORROSIVE SOLID, N.O.S., 8, II, ENVIRONMENTALLY HAZARDOUS
Transport document description (RID) : UN 1759 CORROSIVE SOLID, N.O.S., 8, II, ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)

ADR
Transpor hazardous class(es) (ADR) : 8
Danger labels (ADR) : 8

IMDG
Transpor hazardous class(es) (IMDG) : 8
Danger labels (IMDG) : 8

IATA
Transport hazardous class(es) (IATA) : 8
Silver Alloy 45 (V-HIAF Paste)  
Safety Data Sheet  
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

<table>
<thead>
<tr>
<th>Hazard labels (IATA)</th>
<th>: 8</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADN</td>
<td></td>
</tr>
<tr>
<td>Transport hazard class(es) (ADN)</td>
<td>: 8</td>
</tr>
<tr>
<td>Danger labels (ADN)</td>
<td>: 8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>RID</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport hazard class(es) (RID)</td>
<td>: 8</td>
</tr>
<tr>
<td>Danger labels (RID)</td>
<td>: 8</td>
</tr>
</tbody>
</table>

### 14.4. Packing group

<table>
<thead>
<tr>
<th>Packing group (ADR)</th>
<th>: II</th>
</tr>
</thead>
<tbody>
<tr>
<td>Packing group (IMDG)</td>
<td>: II</td>
</tr>
<tr>
<td>Packing group (IATA)</td>
<td>: II</td>
</tr>
<tr>
<td>Packing group (ADN)</td>
<td>: II</td>
</tr>
<tr>
<td>Packing group (RID)</td>
<td>: II</td>
</tr>
</tbody>
</table>

### 14.5. Environmental hazards

| Dangerous for the environment | : Yes |
| Marine pollutant | : Yes |
| Other information | No supplementary information available |

### 14.6. Special precautions for user

**- Overland transport**

| Classification code (ADR) | : C10 |
| Special provisions (ADR) | : 274 |
| Limited quantities (ADR) | : 1kg |
| Excepted quantities (ADR) | : E2 |
| Packing instructions (ADR) | : P002, IBC08 |
| Special packing provisions (ADR) | : B4 |
| Mixed packing provisions (ADR) | : MP10 |
| Portable tank and bulk container instructions (ADR) | : T3 |
| Portable tank and bulk container special provisions (ADR) | : TP33 |
| Tank code (ADR) | : SGAN, L4BN |
| Vehicle for tank carriage | : AT |
| Transport category (ADR) | : 2 |
| Special provisions for carriage - Packages (ADR) | : V11 |
| Hazard identification number (Kemler No.) | : 80 |
Silver Alloy 45 (V-HIAF Paste)
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Orange plates : 80

Tunnel restriction code (ADR) : E

- Transport by sea
  Special provisions (IMDG) : 274
  Limited quantities (IMDG) : 1 kg
  Excepted quantities (IMDG) : E2
  Packing instructions (IMDG) : P002
  IBC packing instructions (IMDG) : IBC08
  IBC special provisions (IMDG) : B2, B4
  Tank instructions (IMDG) : T3
  Tank special provisions (IMDG) : TP33
  EmS-No. (Fire) : F-A
  EmS-No. (Spillage) : S-B
  Stowage category (IMDG) : A
  Properties and observations (IMDG) : Causes burns to skin, eyes and mucous membranes.
  MFAG-No : 154

- Air transport
  PCA Excepted quantities (IATA) : E2
  PCA Limited quantities (IATA) : Y844
  PCA limited quantity max net quantity (IATA) : 5kg
  PCA packing instructions (IATA) : 859
  PCA max net quantity (IATA) : 15kg
  CAO packing instructions (IATA) : 863
  CAO max net quantity (IATA) : 50kg
  Special provisions (IATA) : A3
  ERG code (IATA) : 8L

- Inland waterway transport
  Classification code (ADN) : C10
  Special provisions (ADN) : 274
  Limited quantities (ADN) : 1 kg
  Excepted quantities (ADN) : E2
  Equipment required (ADN) : PP, EP
  Number of blue cones/lights (ADN) : 0

- Rail transport
  Classification code (RID) : C10
  Special provisions (RID) : 274
  Limited quantities (RID) : 1 kg
  Excepted quantities (RID) : E2
  Packing instructions (RID) : P002, IBC08
  Special packing provisions (RID) : B4
  Mixed packing provisions (RID) : MP10
  Portable tank and bulk container instructions (RID) : T3
  Portable tank and bulk container special provisions (RID) : TP33
  Tank codes for RID tanks (RID) : SGAN, L4BN
  Transport category (RID) : 2
  Special provisions for carriage – Packages (RID) : W11
  Colis express (express parcels) (RID) : CE10
  Hazard identification number (RID) : 80

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Not applicable
SECTION 15: Regulatory information

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

15.1.1. EU-Regulations
Contains no REACH substances with Annex XVII restrictions
Contains a substance on the REACH candidate list in concentration ≥ 0.1% or with a lower specific limit: Cadmium (EC 231-152-8, CAS 7440-43-9), Boric acid (EC 233-139-2, CAS 10043-35-3)
Contains no REACH Annex XIV substances

15.1.2. National regulations
Seveso directive 96/82/EC

15.2. Chemical safety assessment
No chemical safety assessment has been carried out

SECTION 16: Other information

Full text of H- and EUH-statements:

<table>
<thead>
<tr>
<th>Acute Tox. 3 (Oral)</th>
<th>Acute toxicity (oral), Category 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment — Acute Hazard, Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment — Chronic Hazard, Category 1</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard, Category 1</td>
</tr>
<tr>
<td>Repr. 1B</td>
<td>Reproductive toxicity, Category 1B</td>
</tr>
<tr>
<td>Skin Corr. 1B</td>
<td>Skin corrosion/irritation, Category 1B</td>
</tr>
<tr>
<td>H301</td>
<td>Toxic if swallowed</td>
</tr>
<tr>
<td>H304</td>
<td>May be fatal if swallowed and enters airways</td>
</tr>
<tr>
<td>H314</td>
<td>Causes severe skin burns and eye damage</td>
</tr>
<tr>
<td>H360FD</td>
<td>May damage fertility. May damage the unborn child</td>
</tr>
<tr>
<td>H400</td>
<td>Very toxic to aquatic life</td>
</tr>
<tr>
<td>H410</td>
<td>Very toxic to aquatic life with long lasting effects</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product