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

1.1 Product identifier

Trade name: ULTRASTAR FPG GP-72100 Silver

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

This information is not available.

1.3 Details of the supplier of the safety data sheet

Company: ECKART GmbH
Guentersthal 4
91235 Hartenstein

Telephone: +499152770
Telefax: +499152777008
E-mail address: msds.eckart@altana.com

1.4 Emergency telephone number

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2
Eye irritation, Category 2
Specific target organ toxicity - single exposure, Category 3, Central nervous system

H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.

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

Highly flammable
Irritant

R11: Highly flammable.
R36: Irritating to eyes.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.
2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms : [Flammable icon] [Exclamation icon]

Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.
                   : H319 Causes serious eye irritation.
                   : H336 May cause drowsiness or dizziness.

Supplemental Hazard Statements : EUH066 Repeated exposure may cause skin dryness or cracking.

Precautionary statements : Prevention:
                          : P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
                          : P233 Keep container tightly closed.
                          : P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.

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.

Disposal:
         : P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

141-78-6 ethyl acetate
141-78-6 ethyl acetate
67-63-0 isopropanol
67-64-1 acetone

2.3 Other hazards

No information available.
SECTION 3: Composition/information on ingredients

3.2 Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>EC-No.</th>
<th>Registration number</th>
<th>Classification (67/548/EEC)</th>
<th>Classification (REGULATION (EC) No 1272/2008)</th>
<th>Concentration [%]</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>205-500-4</td>
<td>01-2119475103-46</td>
<td>F; R11; R36; R66; R67</td>
<td>Flam. Liq. 2; H225; Eye Irrit. 2; H319; STOT SE 3; H336</td>
<td>&gt;= 50 - &lt;= 100</td>
</tr>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>205-500-4</td>
<td></td>
<td>F; R11; R11; R36; R36; R66; R66; R67; R67</td>
<td>Flam. Liq. 2; H225; Eye Irrit. 2; H319; STOT SE 3; H336</td>
<td>&gt;= 25 - &lt; 50</td>
</tr>
<tr>
<td>aluminium powder (stabilised)</td>
<td>7429-90-5</td>
<td>231-072-3</td>
<td></td>
<td>F; R11</td>
<td>Flam. Sol. 1; H228</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>cellulose nitrate</td>
<td>9004-70-0</td>
<td></td>
<td></td>
<td>F; R11</td>
<td>Flam. Sol. 2; H228</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>isopropanol</td>
<td>67-63-0</td>
<td>200-661-7</td>
<td>01-2119457558-25</td>
<td>F; R11; R36; R67</td>
<td>Flam. Liq. 2; H225; Eye Irrit. 2; H319; STOT SE 3; H336</td>
<td>&gt;= 1 - &lt; 3</td>
</tr>
<tr>
<td>acetone</td>
<td>67-64-1</td>
<td>200-662-2</td>
<td></td>
<td>F; R11; R36; R66; R67</td>
<td>Flam. Liq. 2; H225; Eye Irrit. 2; H319; STOT SE 3; H336</td>
<td>&gt;= 1 - &lt; 3</td>
</tr>
</tbody>
</table>

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 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 (CO2), Dry chemical

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.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions
Use personal protective equipment.
Ensure adequate ventilation.
Remove all sources of ignition.
Evacuate personnel to safe areas.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions
Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up
Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

This information is not available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling
Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or...
exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.

Advice on protection against fire and explosion: Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot surfaces and sources of ignition.

Hygiene measures: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

Other data: No decomposition if stored and applied as directed.

7.3 Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters</th>
<th>Update</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>TWA</td>
<td>200 ppm</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>STEL</td>
<td>400 ppm</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>TWA</td>
<td>200 ppm</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td>ethyl acetate</td>
<td>141-78-6</td>
<td>STEL</td>
<td>400 ppm</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
</tbody>
</table>
### Aluminium 7429-90-5

<table>
<thead>
<tr>
<th>(Form of exposure)</th>
<th>Parameters</th>
<th>Date</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA (Inhalable)</td>
<td>10 mg/m³</td>
<td>2011-12-01</td>
<td>GB EH40</td>
</tr>
<tr>
<td>TWA (Respirable)</td>
<td>4 mg/m³</td>
<td>2011-12-01</td>
<td>GB EH40</td>
</tr>
<tr>
<td>TWA (Inhalable)</td>
<td>10 mg/m³</td>
<td>2005-04-06</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.

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. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.

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 lungs.
lungs. 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.

### Components

<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>propan-2-ol</td>
<td>67-63-0</td>
<td>TWA</td>
<td>400 ppm</td>
<td>2006-09-01</td>
<td>GB EH40</td>
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<td></td>
<td></td>
<td></td>
<td>999 mg/m³</td>
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<tr>
<td>propan-2-ol</td>
<td>67-63-0</td>
<td>STEL</td>
<td>500 ppm</td>
<td>2006-09-01</td>
<td>GB EH40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1,250 mg/m³</td>
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<td></td>
</tr>
<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>
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<tr>
<td></td>
<td></td>
<td></td>
<td>1,210 mg/m³</td>
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<td></td>
</tr>
</tbody>
</table>
### Further information

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS Number</th>
<th>TWA</th>
<th>STEL</th>
<th>Date</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>500 ppm</td>
<td>1,500 ppm</td>
<td>2005-04-06</td>
<td>1,210 mg/m³</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>1,500 ppm</td>
<td>3,620 mg/m³</td>
<td>2005-04-06</td>
<td>1,210 mg/m³</td>
</tr>
</tbody>
</table>

### DNEL:

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

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

**Ethyl acetate (141-78-6)**
End Use: Workers
Exposure routes: Inhalation
Potential health effects: long term – local effects
Value: 734 mg/m³

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

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

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

**Ethyl acetate (141-78-6)**
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: short term – systemic effects
ULTRASTAR FPG GP-72100 Silver

Value: 734 mg/m³

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

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

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

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

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

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

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

**DNEL:**
ethyl acetate (141-78-6)  
End Use: Workers  
Exposure routes: Skin contact  
Potential health effects: long term – systemic effects
ULTRASTAR FPG GP-72100 Silver

Value: 63 mg/kg

**DNEL:**
ethyl acetate (141-78-6)

End Use: Workers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 734 mg/m3

**DNEL:**
ethyl acetate (141-78-6)

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: short term – local effects
Value: 734 mg/m3

**DNEL:**
ethyl acetate (141-78-6)

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: short term – systemic effects
Value: 734 mg/m3

**DNEL:**
ethyl acetate (141-78-6)

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: long term – local effects
Value: 367 mg/m3

**DNEL:**
ethyl acetate (141-78-6)

End Use: Consumers
Exposure routes: Skin contact
Potential health effects: long term – systemic effects
Value: 37 mg/kg

**DNEL:**
ethyl acetate (141-78-6)

End Use: Consumers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 367 mg/m3

**DNEL:**
ethyl acetate (141-78-6)

End Use: Consumers
Exposure routes: Ingestion
Potential health effects: long term – systemic effects
Value: 4.5 mg/kg

**DNEL:**
propan-2-ol (67-63-0)

End Use: Workers
Exposure routes: Skin contact
Potential health effects: long term – systemic effects
**ULTRASTAR FPG GP-72100 Silver**

**Value:** 888 mg/kg

**DNEL:**
propan-2-ol (67-63-0)
End Use: Workers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 500 mg/m3

**DNEL:**
propan-2-ol (67-63-0)
End Use: Consumers
Exposure routes: Ingestion
Potential health effects: long term – systemic effects
Value: 26 mg/kg

**DNEL:**
propan-2-ol (67-63-0)
End Use: Consumers
Exposure routes: Skin contact
Potential health effects: long term – systemic effects
Value: 319 mg/kg

**DNEL:**
propan-2-ol (67-63-0)
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 89 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:**
ethyl acetate (141-78-6)

Soil
Value: 0.148 mg/kg

STP
Value: 650 mg/l

Fresh water
Value: 0.24 mg/l

Marine water
Value: 0.024 mg/l

Fresh water sediment
Value: 1.15 mg/kg

Marine sediment
Value: 0.115 mg/kg

Soil
Value: 0.148 mg/kg

Fresh water
Value: 0.24 mg/l

Fresh water sediment
Value: 1.15 mg/kg

Marine water
Value: 0.024 mg/l
**PNEC:**
*ethyl acetate (141-78-6)*
- Marine sediment
  - Value: 0.115 mg/kg

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

**PNEC:**
*propan-2-ol (67-63-0)*
- Soil
  - Value: 28 mg/kg

**PNEC:**
*propan-2-ol (67-63-0)*
- Fresh water
  - Value: 140.9 mg/l

**PNEC:**
*propan-2-ol (67-63-0)*
- Fresh water sediment
  - Value: 552 mg/kg

**PNEC:**
*propan-2-ol (67-63-0)*
- Marine water
  - Value: 140.9 mg/l

**PNEC:**
*propan-2-ol (67-63-0)*
- Marine sediment
  - Value: 552 mg/kg

**PNEC:**
*propan-2-ol (67-63-0)*
- STP
  - Value: 2251 mg/l

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

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

**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
8.2 Exposure controls

**Personal protective equipment**

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

Hand protection Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

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

**Environmental exposure controls**

General advice : Prevent product from entering drains.
                 Prevent further leakage or spillage if safe to do so.
                 If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid
Colour : silver
Odour : characteristic
pH : no data available
Freezing point : no data available
Boiling point/boiling range : 76 °C
ULTRASTAR FPG GP-72100 Silver

Flash point : -4 °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 : 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
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

Hazardous decomposition products: no data available

Other information: no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Components:

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

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

67-63-0:
Acute oral toxicity: LD50 rat: > 2,000 mg/kg

Acute inhalation toxicity: LC50 rat: > 20 mg/l
Exposure time: 8 h

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

Skin corrosion/irritation

Product
ULTRASTAR FPG GP-72100 Silver

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
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

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 03 12 - waste ink containing 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: 1210
IMDG: 1210
IATA: 1210

14.2 Proper shipping name
ADR: PRINTING INK
IMDG: PRINTING INK
IATA: PRINTING INK

14.3 Transport hazard class
ADR: 3
IMDG: 3
IATA: 3

14.4 Packing group
ADR
Packaging group: II
Classification Code: F1
Hazard identification No: 33
Labels: 3
Tunnel restriction code: (D/E)

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

IATA
Packing instruction (cargo aircraft): 364
ULTRASTAR FPG GP-72100 Silver

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

14.5 Environmental hazards

14.6 Special precautions for user

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

SECTION 15: Regulatory information

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

Prohibition/Restriction
Candidate List of Substances of Very High Concern for
Authorisation : This product does not contain
substances of very high concern
(Regulation (EC) No
1907/2006 (REACH), Article 57).

15.2 Chemical Safety Assessment
no data available

SECTION 16: Other information

Full text of R-Phrases
R11 Highly flammable.
R36 Irritating to eyes.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.

Full text of H-Statements
ULTRASTAR FPG GP-72100 Silver

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H225  Highly flammable liquid and vapour.
H228  Flammable solid.
H319  Causes serious eye irritation.
H336  May cause drowsiness or dizziness.

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