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

1.1 Product identifier
Trade name : Sample Concentrate Gold Effect Spray 750 ml 17-01013

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.
Skin irritation , Category 2          H315: Causes skin irritation.
Eye irritation , Category 2          H319: Causes serious eye irritation.
Specific target organ toxicity - single exposure , Category 3, Central nervous system
Acute aquatic toxicity , Category 1          H336: May cause drowsiness or dizziness.
Chronic aquatic toxicity , Category 2          H400: Very toxic to aquatic life.

Classification (67/548/EEC, 1999/45/EC)
Extremely flammable
Dangerous for the environment
R12: Extremely flammable.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic
2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

**Hazard pictograms**

- 

**Signal word**

- Danger

**Hazard statements**

- H222 Extremely flammable aerosol.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- H400 Very toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

**Precautionary statements**

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- 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:

- 67-64-1 acetone

**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.

**2.3 Other hazards**
### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

**Hazardous components**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No. 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>acetone</td>
<td>67-64-1 200-662-2 01-2119471330-49</td>
<td></td>
<td>F; R11 Xi; R36 R66 R67</td>
<td>Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336</td>
<td>&gt;= 15 - &lt; 20</td>
</tr>
<tr>
<td>Solvent naphtha (petroleum), light arom.</td>
<td>64742-95-6 265-199-0 01-2119455851-35</td>
<td></td>
<td>Xn; R65 Xi; R37 N; R51/53 R10 R66 R67</td>
<td>Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H335, H336 Aquatic Chronic 2; H411</td>
<td>&gt;= 10 - &lt; 15</td>
</tr>
<tr>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>64742-49-0 265-151-9</td>
<td></td>
<td>Xn; R65 Xi; R38 F; R11 N; R51/53 R67</td>
<td>Flam. Liq. 2; H225 Asp. Tox. 1; H304 2; H315 STOT SE 3; H336 Aquatic Chronic 2; H411</td>
<td>&gt;= 10 - &lt; 15</td>
</tr>
<tr>
<td>n-butyl acetate</td>
<td>123-86-4 204-658-1 01-2119485493-29</td>
<td></td>
<td>R10 R66 R67</td>
<td>Flam. Liq. 3; H226 STOT SE 3; H336</td>
<td>&lt; 10</td>
</tr>
<tr>
<td>copper</td>
<td>7440-50-8 231-159-6</td>
<td></td>
<td>Xn-N; R22- R50/53</td>
<td>Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 2; H411</td>
<td>&gt;= 2.5 - &lt; 10</td>
</tr>
</tbody>
</table>
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 : Carbon dioxide (CO2), Alcohol-resistant foam, Dry sand
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. 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
SECTION 7: Handling and storage

7.1 Precautions for safe handling

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

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

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

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

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

7.3 Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

Sample Concentrate Gold Effect Spray 750 ml 17-01013
Version 1.0 Revision Date 28.07.2014 Print Date 20.11.2018

<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>butane</td>
<td>106-97-8</td>
<td>STEL</td>
<td>750 ppm 1,810 mg/m3</td>
<td>2007-08-01</td>
<td>GB EH40</td>
</tr>
<tr>
<td>Further information</td>
<td></td>
<td>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</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>butane</td>
<td>106-97-8</td>
<td>TWA</td>
<td>600 ppm 1,450 mg/m3</td>
<td>2007-08-01</td>
<td>GB EH40</td>
</tr>
<tr>
<td>Further information</td>
<td></td>
<td>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</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>acetone</td>
<td>67-64-1</td>
<td>TWA</td>
<td>500 ppm 1,210 mg/m3</td>
<td>2000-06-16</td>
<td>2000/39/EC</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 1,210 mg/m3</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td>acetone</td>
<td>67-64-1</td>
<td>STEL</td>
<td>1,500 ppm 3,620 mg/m3</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td>n-butyl acetate</td>
<td>123-86-4</td>
<td>TWA</td>
<td>150 ppm 724 mg/m3</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td>n-butyl acetate</td>
<td>123-86-4</td>
<td>STEL</td>
<td>200 ppm 966 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.

Further information

The word 'fume' is often used to include gases and vapours. This is not the case for exposure limits where 'fume' should normally be applied to solid particles generated by chemical reactions or condensed from the gaseous state, usually after volatilisation from melted substances. The generation of fume is often accompanied by a chemical reaction such as oxidation or thermal breakdown. Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used.

<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>zinc</td>
<td>7440-66-6</td>
<td>TWA (Inhalable) 10 mg/m3</td>
<td>2011-12-01</td>
<td>GB EH40</td>
<td></td>
</tr>
<tr>
<td>copper</td>
<td>7440-50-8</td>
<td>TWA (Inhalable)</td>
<td>10 mg/m3</td>
<td>2011-12-01</td>
<td>GB EH40</td>
</tr>
<tr>
<td>copper</td>
<td>7440-50-8</td>
<td>TWA (Respirable)</td>
<td>4 mg/m3</td>
<td>2011-12-01</td>
<td>GB EH40</td>
</tr>
<tr>
<td>copper</td>
<td>7440-50-8</td>
<td>STEL</td>
<td>2 mg/m3</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
<tr>
<td>copper</td>
<td>7440-50-8</td>
<td>TWA</td>
<td>0.2 mg/m3</td>
<td>2005-04-06</td>
<td>GB EH40</td>
</tr>
</tbody>
</table>
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>Substance</th>
<th>CAS Number</th>
<th>Exposure Route</th>
<th>TWA (Respirable)</th>
<th>Date</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc</td>
<td>7440-66-6</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.

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
| 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 |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DNEL:</strong></td>
<td></td>
</tr>
</tbody>
</table>
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/m³ |
| **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  
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 |

**SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006
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:
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: long term – local effects
Value: 102.34 mg/m³

n-butyl acetate (123-86-4)
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 102.34 mg/m³

copper (7440-50-8)
End Use: Workers
Exposure routes: Skin contact
Potential health effects: short term – systemic effects
Value: 273 mg/kg

DNEL:
End Use: Workers
Exposure routes: Inhalation
Potential health effects: short term – systemic effects
Value: 20 mg/m³

copper (7440-50-8)
End Use: Workers
Exposure routes: Skin contact
Potential health effects: long term – systemic effects
Value: 137 mg/kg

DNEL:
End Use: Consumers
Exposure routes: Skin contact
Potential health effects: short term – systemic effects
Value: 273 mg/kg

copper (7440-50-8)
End Use: Consumers
Exposure routes: Inhalation
Potential health effects: short term – systemic effects
Value: 20 mg/m³

DNEL:
Sample Concentrate Gold Effect Spray 750 ml 17-01013

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zinc (7440-66-6)  End Use: Workers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 5 mg/m³

DNEL:
zinc (7440-66-6)  End Use: Workers
Exposure routes: Skin contact
Potential health effects: long term – systemic effects
Value: 83 mg/kg

DNEL:
zinc (7440-66-6)  End Use: Consumers
Exposure routes: Ingestion
Potential health effects: long term – systemic effects
Value: 0.83 mg/kg

DNEL:
zinc (7440-66-6)  End Use: Consumers
Exposure routes: Skin contact
Potential health effects: long term – systemic effects
Value: 83 mg/kg

DNEL:
zinc (7440-66-6)  End Use: Consumers
Exposure routes: Inhalation
Potential health effects: long term – systemic effects
Value: 2.5 mg/m³

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

PNEC:
acetone (67-64-1)  Marine sediment
Value: 3.04 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:**
copper (7440-50-8)
- **Soil**
  Value: 65.5 mg/kg

**PNEC:**
copper (7440-50-8)
- **Fresh water**
  Value: 0.0078 mg/l

**PNEC:**
copper (7440-50-8)
- **Fresh water sediment**
  Value: 87 mg/kg

**PNEC:**
copper (7440-50-8)
- **Marine water**
  Value: 0.0052 mg/l

**PNEC:**
copper (7440-50-8)
- **Marine sediment**
  Value: 676 mg/kg

**PNEC:**
copper (7440-50-8)
- **STP**
  Value: 0.230 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**
- Take note of the information given by the producer concerning permeability and breakthrough times, and of special workplace conditions (mechanical strain, duration of contact).
- The exact breakthrough time can be obtained from the protective glove producer and this has to be observed.
- Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Recommended preventive skin protection
Skin should be washed after contact.
The suitability for a specific workplace should be discussed with the producers of the protective gloves.

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

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

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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: aerosol
Colour: gold
Odour: no data available
pH: no data available
Freezing point: no data available
Boiling point/boiling range: no data available
Flash point: no data available
Bulk density: no data available
Flammability (solid, gas): Extremely flammable aerosol.
Auto-flammability: no data available
Upper explosion limit: no data available
Lower explosion limit: no data available
**Sample Concentrate Gold Effect Spray 750 ml 17-01013**

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
SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product

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

Method: Calculation method

Components:
7440-66-6 :

Acute oral toxicity : rat: > 2,000 mg/kg

Acute inhalation toxicity : LC50 rat: 5.41 mg/l

Exposure time: 4 h

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
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

Components:
copper (7440-50-8):
M-Factor : 10

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., Very toxic to aquatic life., Toxic to aquatic life with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product:
The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Contaminated packaging:
Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

14.1 UN number

ADR : 1950
IMDG : 1950
IATA : 1950

14.2 Proper shipping name

ADR : AEROSOLS
SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006

Sample Concentrate Gold Effect Spray 750 ml 17-01013

Version 1.0  Revision Date 28.07.2014  Print Date 20.11.2018

(Copper metal powder)

IMDG : AEROSOLS
(Copper metal powder)

IATA : AEROSOLS, FLAMMABLE
(Copper metal powder)

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

ADR : Environmentally hazardous
IMDG : Marine pollutant

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

no data available

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.
R22  Harmful if swallowed.
R36  Irritating to eyes.
R37  Irritating to respiratory system.
R38  Irritating to skin.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of H-Statements

H220  Extremely flammable gas.
H225  Highly flammable liquid and vapour.
H26 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.
H315  Causes skin irritation.
H319  Causes serious eye irritation.
H335  May cause respiratory irritation.
H336  May cause drowsiness or dizziness.
H400  Very toxic to aquatic life.
H410  Very toxic to aquatic life with long lasting effects.
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.