1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Sample concentrate Zink Alu Spray 750 ml 14-09032
Product code : 08814007Z

Manufacturer or supplier's details
Company : 爱卡特殊效果颜料（珠海）有限公司
Address : 珠海市金湾区南水镇浪屿路3号
Telephone : +8607567228600
Emergency telephone number : National Emergency Response Hotline for Chemical Incident (China): 0532-83889090
E-mail address : Riko.Huang@altana.com
Telefax : +8607567228601

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance : liquid
Odour : characteristic

Highly flammable liquid and vapour. May be harmful in contact with skin. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

GHS Classification
Flammable liquids : Category 2
Acute toxicity (Dermal) : Category 5
Serious eye damage/eye irritation : Category 2A
Specific target organ toxicity - single exposure : Category 3 (Respiratory system, Central nervous system)
Specific target organ toxicity - repeated exposure : Category 2
Short-term (acute) aquatic hazard : Category 2
Long-term (chronic) aquatic hazard: Category 2

GHS label elements
Hazard pictograms:

Signal word: Danger

Hazard statements:
H225 Highly flammable liquid and vapour.
H313 May be harmful in contact with skin.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:
Prevention:
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
P273 Avoid release to the environment.
P280 Wear eye protection/ face protection.

Response:
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.

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

Physical and chemical hazards
Highly flammable liquid and vapour.

Health hazards
May be harmful in contact with skin. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

Environmental hazards
Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
Other hazards which do not result in classification
No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Substance / Mixture</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Substance name</td>
<td></td>
</tr>
<tr>
<td>Hazardous components</td>
<td></td>
</tr>
<tr>
<td>Chemical name</td>
<td>CAS-No.</td>
</tr>
<tr>
<td>Dimethylbenzene</td>
<td>1330-20-7</td>
</tr>
<tr>
<td>Aluminium powder</td>
<td>7429-90-5</td>
</tr>
<tr>
<td>Solvent naphtha, petroleum, light arom.</td>
<td>64742-95-6</td>
</tr>
<tr>
<td>Zinc, powder</td>
<td>7440-66-6</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
</tr>
<tr>
<td>Naphtha, petroleum, hydrodesulfurized heavy</td>
<td>64742-82-1</td>
</tr>
<tr>
<td>Naphtha, petroleum, hydrotreated heavy</td>
<td>64742-48-9</td>
</tr>
</tbody>
</table>

4. 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:
- Consult a physician after significant exposure.
- If unconscious, place in recovery position and seek medical advice.

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.
- Flush eyes with water as a precaution.
- 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.
- Take victim immediately to hospital.

Most important symptoms and effects, both acute and delayed:
- May be harmful in contact with skin.
- Causes serious eye irritation.
- May cause respiratory irritation.
- May cause drowsiness or dizziness.
- May cause damage to organs through prolonged or repeated exposure.

5. FIREFIGHTING MEASURES

Suitable extinguishing media:
- Dry sand
- ABC powder
- Foam

Unsuitable extinguishing media:
- High volume water jet

Specific hazards during firefighting:
- Do not allow run-off from fire fighting to enter drains or water courses.

Specific extinguishing methods:
- 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.

Special protective equipment for firefighters:
- Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
- Evacuate personnel to safe areas.
- 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.

Environmental precautions:
- Prevent product from entering drains.
- Prevent further leakage or spillage if safe to do so.
Methods and materials for containment and 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.

7. HANDLING AND STORAGE

Handling

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.

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.

Avoidance of contact:
- Acids
- Bases
- Oxidizing agents

Storage

Conditions for safe storage:
- 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.
Electrical installations / working materials must comply with the technological safety standards.

Technical measures/Precautions: Protect from humidity and water.

Materials to avoid: 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 oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Further information on storage stability: No decomposition if stored and applied as directed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethylbenzene</td>
<td>1330-20-7</td>
<td>PC-TWA</td>
<td>50 mg/m3</td>
<td>GBZ 2.1-2007</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PC-STEI</td>
<td>100 mg/m3</td>
<td>GBZ 2.1-2007</td>
</tr>
<tr>
<td>Aluminium powder</td>
<td>7429-90-5</td>
<td>PC-TWA (Total dust)</td>
<td>3 mg/m3 (Aluminium)</td>
<td>GBZ 2.1-2007</td>
</tr>
<tr>
<td>Acetone</td>
<td>67-64-1</td>
<td>PC-TWA</td>
<td>300 mg/m3</td>
<td>GBZ 2.1-2007</td>
</tr>
<tr>
<td></td>
<td></td>
<td>PC-STEI</td>
<td>450 mg/m3</td>
<td>GBZ 2.1-2007</td>
</tr>
<tr>
<td>Phenylethane</td>
<td>100-41-4</td>
<td>PC-TWA</td>
<td>100 mg/m3</td>
<td>GBZ 2.1-2007</td>
</tr>
</tbody>
</table>

Further information: G2B - Possibly carcinogenic to humans

| PC-STEI                | 150 mg/m3 | GBZ 2.1-2007               |

Further information: G2B - Possibly carcinogenic to humans

| Dimethylbenzene        | 1330-20-7 | PC-TWA                        | 50 mg/m3                                     | GBZ 2.1-2007  |
|                        |          | PC-STEI                       | 100 mg/m3                                     | GBZ 2.1-2007  |
SAFETY DATA SHEET
according to GB/T 16483 and GB/T 17519

Sample concentrate Zink Alu Spray 750 ml 14-09032

Personal protective equipment

Respiratory protection : Use suitable breathing protection if workplace concentration requires.
                      In the case of vapour formation use a respirator with an approved filter.

Eye/face protection : Goggles
                      Safety glasses

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

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 break-through 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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid
Propellant : No data available
Colour : No data available
## Odour
- Characteristic

## Odour Threshold
- No data available

## pH
- No data available

## Melting point/freezing point
- No data available

## Boiling point/boiling range
- 137 °C

## Flash point
- < 21 °C

## Evaporation rate
- No data available

## Flammability (solid, gas)
- No data available

## Flammability (liquids)
- No data available

## Burning rate
- No data available

## Auto-flammability
- No data available

## Burning number
- No data available

## Upper explosion limit / Upper flammability limit
- No data available

## Lower explosion limit / Lower flammability limit
- No data available

## Vapour pressure
- No data available

## Relative vapour density
- No data available

## Relative density
- No data available

## Density
- ca. 1 g/cm³

## Bulk density
- No data available

## Solubility(ies)
- No data available

## Partition coefficient: n-octanol/water
- No data available

## Auto-ignition temperature
- No data available

## Decomposition temperature
- No data available

## Self-Accelerating decomposition temperature (SADT)
- No data available

## Temperature of Polymerisation (SAPT)
- No data available

## Viscosity
- Viscosity, dynamic: see user defined free text
- Viscosity, kinematic: > 21 mm²/s (40 °C)

## Flow time
- 50 - 90 s (20 °C)
  - Cross section: 4 mm
  - Method: DIN 53211

## Solvent separation
- No data available

## Explosive properties
- No data available

## Oxidizing properties
- No data available

## Self-heating substances
- No data available

## Heat of combustion
- No data available

## Impact sensitivity
- No data available

## Surface tension
- No data available

## Conductivity
- No data available

## Sublimation point
- No data available

## Molecular weight
- No data available

## Minimum explosible dust concentration
- No data available
Dust deflagration index (Kst) : No data available
Dust explosion class : No data available
Radioactivity : No data available
Volatile organic compounds (VOC) content : No data available
Volatile organic compounds (VOC) content : No data available
Particle size : No data available
Particle Size Distribution : No data available

10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.
Chemical stability : No decomposition if stored and applied as directed.
Possibility of hazardous reactions : Contact with acids and alkalis may release hydrogen.
Stable under recommended storage conditions.
Vapours may form explosive mixture with air.

Conditions to avoid : Do not allow evaporation to dryness.
Heat, flames and sparks.
Incompatible materials : AcidsBasesOxidizing agents

11. TOXICOLOGICAL INFORMATION

**Acute toxicity**
May be harmful in contact with skin.

**Product:**

**Acute inhalation toxicity**
Acute toxicity estimate: > 40 mg/l
Exposure time: 4 h
Test atmosphere: vapour
Method: Calculation method

**Acute dermal toxicity**
Acute toxicity estimate: 4,603 mg/kg
Method: Calculation method

**Components:**

**Dimethylbenzene:**
Acute dermal toxicity
Acute toxicity estimate: 1,100 mg/kg
Method: Converted acute toxicity point estimate

**Solvent naphtha, petroleum, light arom.:**

**Acute oral toxicity**
LD50 (Rat): 3,492 mg/kg

**Acute dermal toxicity**
LD50 (Rabbit): > 3,160 mg/kg

**Zinc, powder:**

**Acute oral toxicity**
(Rat): > 2,000 mg/kg

**Acute inhalation toxicity**
LC50 (Rat): 5.41 mg/l

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Sample concentrate Zink Alu Spray 750 ml 14-09032

Exposed time: 4 h  
Test atmosphere: dust/mist

**Acetone:**

**Acute oral toxicity:**  
LD50 (Rabbit): 4,700 - 5,800 mg/kg  
(Mouse): 3,000 mg/kg  
(Rat): 9,800 mg/kg

**Acute inhalation toxicity:**  
LC50 (Rat): 76 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

**Acute dermal toxicity:**  
LD50 (Rabbit): > 2,000 mg/kg

**Naphtha, petroleum, hydrodesulfurized heavy:**

**Acute oral toxicity:**  
LD50 (Rat): > 5,000 mg/kg

**Naphtha, petroleum, hydrotreated heavy:**

**Acute oral toxicity:**  
LD50 (Rat): > 5,000 mg/kg

**Acute inhalation toxicity:**  
LC50 (Rat): Test atmosphere: vapour  
Remarks: An LC50/inhalation/4h/rat could not be determined because no mortality of rats was observed at the maximum achievable concentration.

**Acute dermal toxicity:**  
LD50 (Rabbit): > 5,000 mg/kg

**Skin corrosion/irritation:**  
Not classified based on available information.

**Product:**

Remarks: May cause skin irritation in susceptible persons.

**Components:**

**Acetone:**  
Remarks: Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in desiccation of the skin.

**Serious eye damage/eye irritation:**  
Causes serious eye irritation.

**Product:**

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin.

**Components:**

**Dimethylbenzene:**  
Result: Eye irritation

**Acetone:**  
Remarks: Severe eye irritation
Respiratory or skin sensitisation

Skin sensitisation
Not classified based on available information.

Respiratory sensitisation
Not classified based on available information.

Components:
Dimethylbenzene:
Assessment: Harmful in contact with skin or if inhaled.

Germ cell mutagenicity
Not classified based on available information.

Components:
Naphtha, petroleum, hydrodesulfurized heavy:
Germ cell mutagenicity - Assessment: Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

Carcinogenicity
Not classified based on available information.

Components:
Naphtha, petroleum, hydrodesulfurized heavy:
Carcinogenicity - Assessment: Classified based on benzene content < 0.1% (Regulation (EC) 1272/2008, Annex VI, Part 3, Note P)

Reproductive toxicity
Not classified based on available information.

STOT - single exposure
May cause respiratory irritation.
May cause drowsiness or dizziness.

Components:
Dimethylbenzene:
Assessment: May cause respiratory irritation.

Solvent naphtha, petroleum, light arom.: 
Assessment: May cause respiratory irritation., May cause drowsiness or dizziness.

Naphtha, petroleum, hydrodesulfurized heavy:
Assessment: May cause drowsiness or dizziness.

STOT - repeated exposure
May cause damage to organs through prolonged or repeated exposure.

Components:
Dimethylbenzene:
Assessment: May cause damage to organs through prolonged or repeated exposure.

Naphtha, petroleum, hydrodesulfurized heavy:
Assessment: Causes damage to organs through prolonged or repeated exposure.

Components:
Dimethylbenzene:
Repeated dose toxicity - Assessment: Harmful in contact with skin or if inhaled.
Aspiration toxicity
Not classified based on available information.

**Components:**
- Dimethylbenzene:
  May be fatal if swallowed and enters airways.
- Solvent naphtha, petroleum, light arom.:
  May be fatal if swallowed and enters airways.
- Naphtha, petroleum, hydrodesulfurized heavy:
  May be fatal if swallowed and enters airways.

**Further information**

**Product:**
Remarks: 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.

**Components:**
- Zinc, powder:
  Remarks: No data available
- Naphtha, petroleum, hydrotreated heavy:
  Remarks: Solvents may degrease the skin.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Product:**

**Components:**
- Solvent naphtha, petroleum, light arom.: 

**Ecotoxicology Assessment**

Chronic aquatic toxicity : Toxic to aquatic life with long lasting effects.

**Zinc, powder:**

**Ecotoxicology Assessment**

Acute aquatic toxicity : Very toxic to aquatic life.
Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

**Acetone:**

Toxicity to daphnia and other aquatic invertebrates : (Daphnia magna (Water flea)): 21,600 mg/l
Naphtha, petroleum, hydrotreated heavy:

Ecotoxicology Assessment
Chronic aquatic toxicity: Toxic to aquatic life with long lasting effects.

Persistence and degradability
No data available

Bioaccumulative potential

Components:

Dimethylbenzene:
Partition coefficient: n-octanol/water: log Pow: 3.1 - 3.2

Mobility in soil
No data available

Other adverse effects

Product:
Additional ecological information: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

Components:

Zinc, powder:
Additional ecological information: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

Naphtha, petroleum, hydrotreated heavy:
Additional ecological information: No data available

13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues: 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. In accordance with local and national regulations.

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. In accordance with local and national regulations.

14. TRANSPORT INFORMATION

**International Regulations**

**IATA-DGR**

- UN/ID No.: UN 1263
- Proper shipping name: Paint
- Class: 3
- Packing group: II
- Labels: Flammable Liquids
- Packing instruction (cargo aircraft): 364
- Packing instruction (passenger aircraft): 353

**IMDG-Code**

- UN number: UN 1263
- Proper shipping name: PAINT
  (Zinc powder, stabilized)
- Class: 3
- Packing group: II
- Labels: 3
- EmS Code: F-E, S-E
- Marine pollutant: yes

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

**National Regulations**

**GB 6944/12268**

- UN number: UN 1263
- Proper shipping name: PAINT
- Class: 3
- Packing group: II
- Labels: 3

15. REGULATORY INFORMATION

**National regulatory information**

- Law on the Prevention and Control of Occupational Diseases: Applicable

**Regulations on Safety Management of Hazardous Chemicals**

<table>
<thead>
<tr>
<th>Catalogue of Hazardous Chemicals</th>
<th>:</th>
<th>Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identification of Major Hazard Installations for Dangerous Chemicals (GB 18218)</td>
<td>Category</td>
<td>Threshold quantity</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET
according to GB/T 16483 and GB/T 17519

Sample concentrate Zink Alu Spray 750 ml 14-09032

Version 2.2  Revision Date: 2018/12/19  SDS Number: 102000005100  Print Date: 2018/12/24  Date of first issue: 2017/04/25

Flammable liquids  1,000 t

16. OTHER INFORMATION

Full text of other abbreviations
AICS - Australian Inventory of Chemical Substances; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; CPR - Controlled Products Regulations; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% re- response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECl - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

Date format  :  yyyy/mm/dd

GBZ 2.1-2007 / PC-TWA  :  Permissible concentration - time weighted average

Disclaimer
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
Sample concentrate Zink Alu Spray 750 ml 14-09032

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.

CN / EN