Zinc Oxide Power

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

1.1. Product identifier

Product name: Zinc Oxide Power
CAS No.: 1314-13-2
EC No.: 215-222-5
Index No.: 030-013-00-7

1.3. Details of the supplier of the safety data sheet

Company: Advanced Healthcare Ltd
Address: Units 2-4 Leavers Estate, Chiddingstone Causeway, Tonbridge, Kent, TN11 8JU, UK
Web: www.ahl.uk.com
Telephone: +44 (0) 1892 870500 (Use for Emergency also)
Fax: +44 (0) 1892 870482
Email: sales@ahl.uk.com

1.4. Emergency telephone number

Emergency telephone number: +44(0)1892870500
(8.00 am - 4.30 pm Mon - Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - EC 67/548/EEC

- N; R50/53
- Symbols: N: Dangerous for the environment.

Main hazards: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.1.2. Classification - EC 1272/2008

Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

2.2. Label elements

Hazard pictograms

Signal Word: Warning

Hazard Statement: Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Zinc Oxide Power

2.2. Label elements

Precautionary Statement: Prevention
P273 - Avoid release to the environment.

Precautionary Statement: Response
P391 - Collect spillage.

SECTION 3: Composition/information on ingredients

3.1. Substances

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
<th>Classification</th>
<th>M-factor.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zinc Oxide Power</td>
<td>030-013-00-7</td>
<td>1314-13-2</td>
<td>215-222-5</td>
<td></td>
<td>90 - 100% N; R50/53</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
Toxic by inhalation. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.

Eye contact
May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

Skin contact
Toxic in contact with skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention.

Ingestion
Toxic if swallowed. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Carbon oxides. Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture
Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters
Wear: Self-contained breathing apparatus. Wear chemical protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

6.2. Environmental precautions
Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up
Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Wear suitable protective clothing.
7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls
Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures
Wear chemical protective clothing.

Eye / face protection
Approved safety goggles.

Skin protection - Hand protection
Chemical resistant gloves.

Respiratory protection
Self-contained breathing apparatus must be used in handling.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Solid/Powder</td>
</tr>
<tr>
<td>Colour</td>
<td>Cream/White</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>1970 - 1975 °C</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Fat Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
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<tr>
<td>Oxidising properties</td>
<td>No data available</td>
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<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
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</table>

9.2. Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductivity</td>
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<tr>
<td>Surface tension</td>
<td>No data available</td>
</tr>
<tr>
<td>Gas group</td>
<td>No data available</td>
</tr>
<tr>
<td>Benzene Content</td>
<td>0</td>
</tr>
<tr>
<td>Lead content</td>
<td>0</td>
</tr>
<tr>
<td>VOC (Volatile organic compounds)</td>
<td>No data available</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Zinc Oxide Power

10.3. Possibility of hazardous reactions
No data is available on this product.

10.4. Conditions to avoid
No data is available on this product.

10.5. Incompatible materials
No data is available on this product.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity
Irritating to eyes. Irritating to skin. May cause irritation to respiratory system.

11.1.4. Toxicological Information
Zinc Oxide Power
Oral Rat LD50: 15000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity
Zinc Oxide Power
Daphnia EC50/48h: 1000 mg/l
Fish LC50/96h: 1.1 mg/l

12.3. Bioaccumulative potential

Partition coefficient
Zinc Oxide Power
No data available

Further information
Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 13: Disposal considerations

General information
Dispose of in compliance with all local and national regulations.

Disposal methods
For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Disposal of packaging
Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

14.1. UN number
The product is not classified as dangerous for carriage.

14.2. UN proper shipping name
The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)
The product is not classified as dangerous for carriage.

14.4. Packing group
The product is not classified as dangerous for carriage.

14.5. Environmental hazards
The product is not classified as dangerous for carriage.
14.6. Special precautions for user

The product is not classified as dangerous for carriage.

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

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

No data available.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:
9 - 9.1. Information on basic physical and chemical properties.
9 - 9.2. Other information.
11 - 11.1.4. Toxicological Information.
11 - Acute toxicity.
12 - 12.1. Toxicity.
12 - Further information.
13 - Disposal methods.
13 - Disposal of packaging.
14 - ADR/RID.
14 - IMDG.
14 - IATA.

Text of risk phrases in Section 3

R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This 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 other process.