# SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

## Zinc Oxide - Eugenol Impression Paste

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

1. **Product Identifier**
   - **Product name**: Zinc Oxide - Eugenol Impression Paste

2. **Relevant identified uses of the substance or mixture and uses advised against**
   - **Product Use**: [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [SU20] Health services; [PC19] Intermediate; [PROC5] Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact);

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

4. **Emergency telephone number**
   - **Emergency telephone number**: +44(0)1892870500

### SECTION 2: Hazards identification

1. **Classification of the substance or mixture**
   - **2.1. Classification - 67/548/EEC**
     - **Xi**: R36-43 N; R50/53
     - **Symbols**: Xi: Irritant. N: Dangerous for the environment.

2. **Main hazards**
   - Irritating to eyes. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. **2.1.2. Classification - EC 1272/2008**
   - Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

4. **Label elements**
   - **Hazard pictograms**
     - ![Warning]
   - **Signal Word**: Warning
   - **Hazard Statement**: Skin Irrit. 2: H315 - Causes skin irritation.
   - Skin Sens. 1: H317 - May cause an allergic skin reaction.
   - Aquatic Acute 1: H400 - Very toxic to aquatic life.
   - Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.
Zinc Oxide - Eugenol Impression Paste

2.2. Label elements

Precautionary Statement: Prevention

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statement: Response

P302+P352 - IF ON SKIN: Wash with plenty of water/.
P321 - Specific treatment (see on this label).
P332+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P391 - Collect spillage.

Precautionary Statement: Disposal

P501 - Dispose of contents/container to

2.3. Other hazards

Other hazards: No data available.

Further information: Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body, are exempted from the provisions of regulation (EC) No 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user. More than 90% biodegradable.

SECTION 3: Composition/information on ingredients

3.1. Substances

<table>
<thead>
<tr>
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<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
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<td>1314-13-2</td>
<td>215-222-6</td>
<td>REACH</td>
<td>20 - 30% N; R50/53</td>
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<td>Eugenol</td>
<td>97-53-0</td>
<td>202-689-1</td>
<td></td>
<td>REACH</td>
<td>10 - 20% X; R36-43</td>
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EC 1272/2008

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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move the exposed person to fresh air. Seek medical attention.

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

Skin contact: Seek medical attention if irritation or symptoms persist. Wash off immediately with plenty of soap and water.

Ingestion: DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation: Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Irritating to respiratory system.

Eye contact: May cause irritation to eyes.

Skin contact: May cause irritation to skin.

Ingestion: Ingestion may cause nausea and vomiting.

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

No data available.
Zinc Oxide - Eugenol Impression Paste

SECTION 5: Firefighting measures

5.1. Extinguishing media
Carbon oxides.

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

5.3. Advice for firefighters
Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid raising dust. Ensure adequate ventilation of the working 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
Clean spillage area thoroughly with plenty of water. Sweep up. Transfer to suitable, labelled containers for disposal.

6.4. Reference to other sections
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

7.2. Conditions for safe storage, including any incompatibilities
Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

7.3. Specific end use(s)
None.

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 suitable protective clothing.

Eye / face protection
Approved safety goggles.

Skin protection - Handprotection
Chemical resistant gloves (PVC).

Respiratory protection
Wear suitable respiratory equipment when necessary.

8.2.3. Environmental exposure controls
Avoid prolonged or repeated exposure. Decorative effect coatings. Do not allow product to enter drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| Appearance | Paste |
| Colour | Red/White |
| Odour | Characteristic |
Zinc Oxide - Eugenol Impression Paste

9.2. Other information
No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity
No data available.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
Direct sunlight. Heat.

10.5. Incompatible materials
No data available.

10.6. Hazardous decomposition products
No data is available on this product.

SECTION 11: Toxicological information

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

No data available.

SECTION 12: Ecological information

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

No data available.

12.2. Persistence and degradability
No data available on this product.

12.3. Bioaccumulative potential
No data available on this product.

12.4. Mobility in soil
No data available on this product.

12.5. Results of PBT and vPvB assessment
No data available.

12.6. Other adverse effects
No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Dispose of as special waste in compliance with 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

Hazard pictograms
Hazard pictograms

14.1. UN number
UN1436

14.2. UN proper shipping name
ZINC POWDER

14.3. Transport hazard class(es)
ADR/RID
4.3
Subsidiary risk
4.2
IMDG
4.3
Subsidiary risk
4.2
IATA
4.3
Subsidiary risk
4.2

14.4. Packing group
Packing group III

14.5. Environmental hazards
Environmental hazards No
Marine pollutant No

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.

ADR/RID
Hazard ID 423
Tunnel Category (E)

IMDG
EmS Code F-G S-O

IATA
Packing Instruction (Cargo) 491
Maximum quantity 100 kg
Packing Instruction (Passenger) 486
Maximum quantity 25 kg

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

Other information
Text of risk phrases in Section 3
R36 - Irritating to eyes.
R43 - May cause sensitisation by skin contact.
R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
### Text of Hazard Statements in Section 3

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