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

#### 1.1. Product Identifier

| Product name | ImPress Z |

#### 1.2. 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); |

#### 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 |

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

| 2.1.1. Classification - 67/548/EEC | Xi; R36-43 N; R50/53 |
| 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. |

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

#### 2.2. Label elements

| Hazard pictograms | ![Warning Icon] |
| 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. |
SECTION 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 occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P391 - Collect spillage.

Precautionary Statement: Disposal
P501 - Dispose of contents/container to

SECTION 3: Composition/information on ingredients

3.1. Substances

67/548/EEC / 1999/45/EC

<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 M-factor.</th>
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<tr>
<td>Zinc oxide</td>
<td>030-013-00-7</td>
<td>1314-13-2</td>
<td>215-222-6</td>
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<td>20 - 30%; N; R50/53</td>
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<td>Eugenol</td>
<td>97-53-0</td>
<td>202-669-1</td>
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<td>10 - 20%; X; R36-43</td>
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EC 1272/2008

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<td></td>
<td>10 - 20% Skin Irrit. 2: H315; Skin Sens. 1: H317;</td>
<td></td>
</tr>
</tbody>
</table>

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.
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 - Hand protection

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

9.2. Other Information
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. 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 is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is 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.
### Hazard pictograms

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<table>
<thead>
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### 14.1. UN number

UN1436

### 14.2. UN proper shipping name

ZINC POWDER

### 14.3. Transport hazard class(es)

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<td>4.3</td>
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<td>Subsidiary risk</td>
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</tbody>
</table>

### 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.

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</table>

### 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.

### 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 | Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.  
Skin Irrit. 2: H315 - Causes skin irritation.  
Skin Sens. 1: H317 - May cause an allergic skin reaction. |