SAFETY DATA SHEET
according to Regulation (EU) 2015/830

Amalgomer (Semihydrous)

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

1.1. Product identifier

<table>
<thead>
<tr>
<th>Product name</th>
<th>Amalgomer (Semihydrous)</th>
</tr>
</thead>
</table>

1.2. Relevant identified uses of the substance or mixture and uses advised against

<table>
<thead>
<tr>
<th>Product Use</th>
<th>[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);</th>
</tr>
</thead>
</table>

1.3. Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Company</th>
<th>Advanced Healthcare Ltd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Units 2-4 Leavers Estate, Chiddingstone Causeway, Tonbridge, Kent, TN11 8JU, UK</td>
</tr>
<tr>
<td>Web</td>
<td><a href="http://www.ahl.uk.com">www.ahl.uk.com</a></td>
</tr>
<tr>
<td>Telephone</td>
<td>+44 (0) 1892 870500 (Use for Emergency also)</td>
</tr>
<tr>
<td>Fax</td>
<td>+44 (0)1892 870482</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:sales@ahl.uk.com">sales@ahl.uk.com</a></td>
</tr>
<tr>
<td>Email address of the competent person</td>
<td><a href="mailto:sales@ahl.uk.com">sales@ahl.uk.com</a></td>
</tr>
</tbody>
</table>

1.4. Emergency telephone number

<table>
<thead>
<tr>
<th>Emergency telephone number</th>
<th>+44(0)1892870500</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(8.00 am - 4.30 pm Mon - Fri)</td>
</tr>
</tbody>
</table>

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

<table>
<thead>
<tr>
<th>Main hazards</th>
<th>No Significant Hazard</th>
</tr>
</thead>
</table>

2.2. Label elements

<table>
<thead>
<tr>
<th>Signal Word</th>
<th>Warning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hazard Statement</td>
<td>Eye Irrit. 2: H319 - Causes serious eye irritation.</td>
</tr>
<tr>
<td>Precautionary Statement: Prevention</td>
<td>P264 - Wash thoroughly after handling.</td>
</tr>
<tr>
<td>Precautionary Statement: Response</td>
<td>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</td>
</tr>
<tr>
<td>Precautionary Statement: Response</td>
<td>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</td>
</tr>
<tr>
<td>Precautionary Statement: Response</td>
<td>P337+P313 - If eye irritation persists: Get medical advice/attention.</td>
</tr>
<tr>
<td>Risk phrases</td>
<td>No Significant Hazard</td>
</tr>
</tbody>
</table>

Further information

| Further information | Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct |
Amalgomer (Semihydrous)

Further information

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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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</th>
<th>M-factor.</th>
</tr>
</thead>
<tbody>
<tr>
<td>L(+)-Tartaric Acid</td>
<td>87-69-4</td>
<td>201-766-0</td>
<td></td>
<td></td>
<td>1 - 10%</td>
<td>Xi; R36/37/38</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 if irritation or symptoms persist.

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
Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

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
May cause irritation to mucous membranes.

Eye contact
May cause irritation to eyes.

Skin contact
May cause irritation to skin.

Ingestion
May cause irritation to mucous membranes.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Use extinguishing media appropriate to the surrounding fire conditions.

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
Ensure adequate ventilation of the working area.

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
Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections
Amalgomer (Semihydrous)

SECTION 7: Handling and storage

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

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.

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 protective clothing.

Eye / face protection
Approved safety goggles.

Skin protection - Hand protection
Chemical resistant gloves.

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>Powder</td>
</tr>
<tr>
<td>Colour</td>
<td>Not required</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>No data available</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>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Amalgomer (Semihydrous)

### 9.2. Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductivity</td>
<td>No data available</td>
</tr>
<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>No data available</td>
</tr>
<tr>
<td>Lead content</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC (Volatile organic compounds)</td>
<td>No data available</td>
</tr>
</tbody>
</table>

### 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 is available on this product.

#### 10.4. Conditions to avoid


#### 10.5. Incompatible materials

Strong acids. Strong bases.

#### 10.6. Hazardous decomposition products

No data is available on this product.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>No data available</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>May cause irritation to skin.</td>
</tr>
<tr>
<td></td>
<td>May cause irritation to eyes.</td>
</tr>
</tbody>
</table>

#### 11.1.4. Toxicological Information

<table>
<thead>
<tr>
<th>Compound</th>
<th>Oral Rat LD50</th>
<th>Dermal Rabbit LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>L(+) Tartaric Acid</td>
<td>2000</td>
<td>2000</td>
</tr>
</tbody>
</table>

### SECTION 12: Ecological information

#### 12.1. Toxicity

<table>
<thead>
<tr>
<th>Compound</th>
<th>Daphnia EC50/48h</th>
<th>Algae IC50/72h</th>
</tr>
</thead>
<tbody>
<tr>
<td>L(+) Tartaric Acid</td>
<td>93.1000 mg/l</td>
<td>51.4000 mg/l</td>
</tr>
</tbody>
</table>

#### 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

Amalgomer (Semihydrous) No data available
### Amalgomer (Semihydrous)

#### 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.

**Further information**
No data is available on this product.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods
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.
No data available.

#### 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.
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.

#### 15.2. Chemical safety assessment
No data available.

### SECTION 16: Other information
**Revision**
This document differs from the previous version in the following areas:
Amalgomer (Semihydrous)

Other information

4 - Inhalation.
8 - Skin protection - Hand protection.
8 - Eye / face protection.
9 - 9.1. Information on basic physical and chemical properties (PH).
9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).
9 - 9.1. Information on basic physical and chemical properties (Melting point).
9 - 9.1. Information on basic physical and chemical properties (Flash point).
9 - 9.1. Information on basic physical and chemical properties (Flammability (solid, gas)).
9 - 9.1. Information on basic physical and chemical properties (Autoignition temperature).
9 - 9.1. Information on basic physical and chemical properties (Explosive properties).
9 - 9.1. Information on basic physical and chemical properties (Oxidising properties).
9 - 9.1. Information on basic physical and chemical properties (Vapour pressure).
9 - 9.1. Information on basic physical and chemical properties (Relative density).
9 - 9.1. Information on basic physical and chemical properties (Viscosity).
9 - 9.1. Information on basic physical and chemical properties (Vapour density).
9 - 9.1. Information on basic physical and chemical properties (Evaporation rate).
9 - 9.1. Information on basic physical and chemical properties (Freezing Point).
9 - 9.1. Information on basic physical and chemical properties (Fat Solubility).
9 - 9.1. Information on basic physical and chemical properties (Solubility).
9 - 9.1. Information on basic physical and chemical properties (Odour threshold).
9 - 9.2. Other information (Conductivity).
9 - 9.2. Other information (Partition coefficient).
9 - 9.2. Other information (Gas group).
9 - 9.2. Other information (Surface tension).
9 - 9.2. Other information (Benzene Content).
9 - 9.2. Other information (Product Subcategory).
9 - 9.2. Other information (Lead content).
10 - 10.4. Conditions to avoid.
10 - 10.5. Incompatible materials.
11 - 11.1.4. Toxicological Information.
11 - Skin corrosion/irritation.
11 - Serious eye damage/irritation.
12 - 12.1. Toxicity.
15 - 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture.
16 - Maximum content of VOC.

Text of risk phrases in Section 3
R36/37/38 - Irritating to eyes, respiratory system and skin.

Text of Hazard Statements in Section 3
Skin Irrit. 2: H315 - Causes skin irritation.
Eye Dam. 1: H318 - Causes serious eye damage.
Eye Irrit. 2: H319 - Causes serious eye irritation.
STOT SE 3: H335 - May cause respiratory irritation.

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.