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

AHLute + Liquid

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

1.1. Product identifier
Product name
AHLute + Liquid

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
Email address of the competent person
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 - 1999/45/EC
Xi; R36/38-43
Symbols:
Irritating to eyes and skin. May cause sensitisation by skin contact.

2.1.2. Classification - EC 1272/2008
Skin Irrit. 2: H315; Skin Sens. 1: H317; Eye Irrit. 2: H319;

2.2. Label elements
Hazard pictograms

Signal Word
Warning

Hazard Statement
Skin Irrit. 2: H315 - Causes skin irritation.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Eye Irrit. 2: H319 - Causes serious eye irritation.

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.
## 2.2. Label elements

**Precautionary Statement: Response**
- **P280** - Wear protective gloves/protective clothing/eye protection/face protection.
- **P302+P352** - IF ON SKIN: Wash with plenty of water.
- **P305+P351+P338** - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- **P321** - Specific treatment (see on this label).
- **P332+P333** - IF skin irritation occurs: Get medical advice/attention.
- **P333+P313** - IF skin irritation or rash occurs: Get medical advice/attention.
- **P337+P313** - IF eye irritation persists: Get medical advice/attention.

**Precautionary Statement: Disposal**
- Dispose of in compliance with all local and national regulations.

## 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.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<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>
<th>EC 1272/2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Hydroxyethyl methacrylate</td>
<td>607-124-00-X</td>
<td>868-77-9</td>
<td>212-782-2</td>
<td></td>
<td></td>
<td>Xi; R36/38 R43</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polyethylene Glycol 600 Dimethacrylate</td>
<td>25852-47-5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Xi; R36/38</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butylated Hydroxy Toluene (2,6-Di-tert-butyl-p-cresol)</td>
<td>128-37-0</td>
<td>204-881-4</td>
<td></td>
<td></td>
<td></td>
<td>Xi; R22 Xi; R36/38 N; R51/53</td>
<td></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**
- Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.

**Eye contact**
- Irritating to eyes.

**Skin contact**
- Irritating to skin.

**Ingestion**
- Ingestion may cause nausea and vomiting.

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

If you feel unwell, seek medical advice (show the label where possible).

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Carbon dioxide (CO2).
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. Wash all contaminated clothing before reuse. Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental precautions

Do not allow product to enter drains.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Clean spillage area thoroughly with plenty of water. Transfer to suitable, labelled containers for disposal.

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. Wear suitable protective clothing, gloves and eye/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed. Keep in a cool, dry, well ventilated area. Store in original container.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

| Chemical Name | WEL 8-hr limit ppm: | WEL 8-hr limit mg/m³: 10
|---------------|----------------------|----------------------
| Butylated Hydroxy Toluene (2,6-Di-tert-butyl-p-cresol) | WEL 15 min limit ppm: | WEL 15 min limit mg/m³: |
|               | WEL 8-hr limit mg/m³ total: | WEL 15 min limit mg/m³ total: |
|               | inhalable dust: | inhalable dust: |
|               | WEL 8-hr limit mg/m³ total: | WEL 15 min limit mg/m³ total: |
|               | respirable dust: | respirable dust: |

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Eye / face protection

Approved safety goggles.

Skin protection - Hand protection

Chemical resistant gloves.
AHLute + Liquid

8.2. Exposure controls
Respiratory protection
Wear suitable respiratory equipment when necessary.

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>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Clear</td>
</tr>
<tr>
<td>Odour</td>
<td>Slight/Odourless</td>
</tr>
<tr>
<td>pH</td>
<td>1 - 2</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>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>Soluble in water</td>
</tr>
</tbody>
</table>

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>
</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
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. Information on toxicological effects

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>No data available</td>
</tr>
<tr>
<td>Skin corrosion/iritation</td>
<td>No data available on this product.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>CAUSES SKIN IRRITATION.</td>
</tr>
<tr>
<td></td>
<td>No data available on this product.</td>
</tr>
</tbody>
</table>
11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Germ cell mutagenicity</th>
<th>No mutagenic effects reported.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogenicity</td>
<td>No carcinogenic effects reported.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>No teratogenic effects reported.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Harmful if swallowed or if inhaled.</td>
</tr>
<tr>
<td>Repeated or prolonged exposure</td>
<td>Irritating to skin.</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>2-Hydroxyethyl methacrylate</td>
<td>5564 mg/kg</td>
<td>5000 mg/kg</td>
</tr>
<tr>
<td>Butylated Hydroxy Toluene</td>
<td>2000</td>
<td>6000</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

12.1. Toxicity

<table>
<thead>
<tr>
<th>Compound</th>
<th>Daphnia EC50/48h</th>
<th>Fish LC50/96h</th>
<th>Algae IC50/72h</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Hydroxyethyl methacrylate</td>
<td>380.0000 mg/l</td>
<td>100.0000 mg/l</td>
<td>836.0000 mg/l</td>
</tr>
<tr>
<td>Butylated Hydroxy Toluene</td>
<td>0.4800 mg/l</td>
<td>5.3000 mg/l</td>
<td>1.7000 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.

Partition coefficient

<table>
<thead>
<tr>
<th>Compound</th>
<th>AHLute + Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHLute + Liquid</td>
<td>No data available</td>
</tr>
</tbody>
</table>

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

Do not allow product to enter drains. Do not flush into surface water.

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. Do not empty into drains. Do not flush into surface water.

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
### 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

Further information. No data is available on this product.

#### 15.2. Chemical safety assessment

No data is available on this product.

### SECTION 16: Other information

#### Text of risk phrases in Section 3

- R22 - Harmful if swallowed.
- R36/38 - Irritating to eyes and skin.
- R43 - May cause sensitisation by skin contact.
- R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### Text of Hazard Statements in Section 3

- Skin Irrit. 2: H315 - Causes skin irritation.
- Skin Sens. 1: H317 - May cause an allergic skin reaction.
- Eye Irrit. 2: H319 - Causes serious eye 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.