## Identification of the substances/mixture and of the company/undertaking

### 1.1 Product Identifiers

<table>
<thead>
<tr>
<th>Product Number</th>
<th>ML101</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>1M MES Solution</td>
</tr>
<tr>
<td>REACH Registration Number</td>
<td>Reach registration number is not available for this mixture. The annual tonnage does not require a REACH registration or it is envisaged for a later registration deadline.</td>
</tr>
</tbody>
</table>

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

#### 1.2.1 Relevant identified uses

Laboratory chemicals, Manufacture of substances

### 1.3 Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Produced by</th>
<th>HiMedia Laboratories Private Limited</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>23, Vadhani Industrial Estate, LBS Marg, Ghatkopar (W), Mumbai - 400 086 India</td>
</tr>
<tr>
<td>Tel. No.</td>
<td>+91-22-2500 0970, +91-22-2500 1607</td>
</tr>
<tr>
<td>Fax No.</td>
<td>+91-22-25002468</td>
</tr>
<tr>
<td>Mail Id</td>
<td><a href="mailto:mb@himedialabs.com">mb@himedialabs.com</a></td>
</tr>
<tr>
<td>Website</td>
<td><a href="http://www.himedialabs.com">www.himedialabs.com</a></td>
</tr>
</tbody>
</table>

### 1.4 Emergency Tel. No.

Emergency Tel. No. Please contact the regional HiMedia representation in your country

## Hazards Identification

### 2.1 Classification of the substance or mixture

**CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]**

Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008

### 2.2 Label elements

**Labeling according to Regulation (EC) No.1272/2008**

The product does not need to be labelled in accordance with EC directives or respective national laws.

### 2.3 Other Hazards

None

## Composition/Information On Ingredients

No components need to be disclosed according to the applicable regulations.

## First Aid Measures

### 4.1 Description of first aid measures

**General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**
Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**
Rinse immediately with plenty of water for at least 15 minutes. Consult a physician.

**If swallowed**
Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

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

---

### 5 Fire Fighting Measures

#### 5.1 Extinguishing media

**Suitable extinguishing media**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media**
No data available.

#### 5.2 Special hazards arising from the substance or mixture
Carbon oxides, nitrogen oxides (NOx), Sulphur oxides

#### 5.3 Precautions for fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary

#### 5.4 Further information
No data available

---

### 6 Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures
Use personnel protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8.

#### 6.2 Environmental precautions
No special environmental precautions required.

#### 6.3 Methods and materials for containment and cleaning up
Soak up with inert adsorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections
For disposal see Section 13.

---

### 7 Handling and Storage

#### 7.1 Precautions for safe handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.
7.2 **Conditions for safe storage, including any incompatibilities**
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Storage class (TRGS 510): Non Combustible Liquids

**Recommended Storage Temperature:** Store between 15-25°C

7.3 **Specific end uses**
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 **Exposure Controls/Personal Protection**

8.1 **Control parameters**
Components with workplace control parameters

8.2 **Exposure controls**

**Appropriate engineering controls**
Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the products.

**Personal protective equipment**

**Hygiene measure**
Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with the product.

**Eye/face protection**
Tightly fitting safety goggles; Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

**Skin protection**
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove’s outer surface) to avoid skin contact with this product. Dispose contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body protection**
Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

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>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>6.4 - 6.6</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</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>
</tbody>
</table>
Flammability (Solid, gas)  No data available  
Vapour pressure  No data available  
Relative density  No data available  
Water Solubility  No data available  
Autoignition Temperature  No data available  
Decomposition Temperature  No data available  
Viscosity  No data available  
Explosive properties  No data available  
Oxidizing properties  No data available  
Thermal decomposition  No data available  

9.2 Other safety information  
No data available

10 Stability and Reactivity  
10.1 Reactivity  
No data available  
10.2 Chemical stability  
Stable under recommended storage conditions.  
10.3 Possibility of hazardous reactions  
No data available  
10.4 Conditions to avoid  
No data available  
10.5 Incompatible materials  
Strong oxidizing agents  
10.6 Hazardous decomposition products  
In the event of fire. Refer section 5

11 Toxicological Information  
11.1 Information on toxicological effects  
Acute toxicity  
No data available  
Skin corrosion/Irritation  
No data available  
Serious eye damage/eye irritation  
No data available  
Respiratory or skin sensitisation  
No data available  
Germ cell mutagenicity  
No data available  
Carcinogenicity  
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
Reproductive toxicity  
No data available
Specific target organ toxicity- single exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS : Not Applicable

12  Ecological Information
12.1  Toxicity
No data available

12.2  Persistence and degradability
No data available
12.3  Bioaccumulative potential
No data available
12.4  Mobility in soil
No data available
12.5  PBT and vPvB assessment
No data available
12.6  Other adverse effects
No data available

13  Disposal Considerations
13.1  Waste treatments methods
Product
Offer surplus and non-recyclable solutions to a licenced disposal company.
13.2  Contaminated packaging
Dispose of as unused product.

14  Transport Information
14.1  UN-No
ADNR : ADR : IATA_C : IATA_P : IMDG : RID :
14.2  UN proper shipping name
ADNR : Not dangerous goods
ADR : Not dangerous goods
IATA_C : Not dangerous goods
IATA_P : Not dangerous goods
IMDG : Not dangerous goods
RID : Not dangerous goods
14.3  Transport hazard class(es)
ADNR : - ADR : - IATA_C : - IATA_P : - IMDG : - RID :
14.4  Packaging group
14.5 Environmental hazards
ADNR : No  ADR : No  IMDG : Marine pollutant : no  IATA_C : No  IATA_P : No  RID : No

14.6 Special precautions for use
No data available

15 Regulatory Information
15.1 Safety health and environment regulations/legislation specific for the substance or mixture
No data available

15.2 Chemical Safety Assessment
No data available

16 Other information

Further Information

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