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

1.1 Product Identifiers

Product Number  MM162
Product Name     Lowenstein Jensen Medium (L.J. Medium) (Twin pack)
REACH Registration Number This product is a mixture. Reach registration number is not available for this mixture.

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

1.2.1 Relevant identified uses Laboratory Chemicals, Analytical Purpose, Biochemical Analysis
For InVitro Diagnostic Use

1.3 Details of the supplier of the safety data sheet

Produced by HiMedia Laboratories Private Limited
Address 23, Vadhani Industrial Estate, LBS Marg, Ghatkopar (W), Mumbai - 400 086 India
Tel. No. +91-22-2500 0970, +91-22-2500 1607 Fax No. : +91-22-25002468
Mail Id info@himedialabs.com Website : www.himedialabs.com

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

2 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

3 Composition/Information On Ingredients

3.2 Mixture

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malachite green oxalate</td>
<td>As Per EC Regulation 1272/2008 Acute Tox.oral 4; Eye Dam. 1; Repr. 2; Aquatic Acute 1; Aquatic Chronic 1 H302; H318; H361d; H400; H410</td>
<td>&gt;=90.0 - &lt;=100.0%</td>
</tr>
</tbody>
</table>

Refer Section 16 for complete statement of H codes and its classification
4  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.  
   **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.  
   **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  
   No data available.  
4.3 Indication of immediate medical attention and special treatment needed  
   No data available.  

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, Potassium oxides, Oxides of phosphorus, Magnesium oxides, 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  
   Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.  
6.2 Environmental precautions  
   Prevent further leakage or spillage if safe to do so. Do not let product enter drains.  
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. Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended Storage Temperature: On receipt store between 10-30°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).

Environment exposure controls
Do not empty into drains.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties
Appearance Part A: White to off-white homogeneous
free flowing powder Part B : Greenish blue homogeneous free flowing crystals

- Odour
- Odour Threshold
- pH
- Melting/freezing point
- Initial boiling point and boiling range
- Flash point
- Flammability (Solid, gas)
- Vapour pressure
- Relative density
- Water Solubility
- Partition coefficient: n-octanol/water
- Autoignition Temperature
- Viscosity
- Explosive properties
- Oxidizing properties
- Vapour density
- Thermal decomposition

9.2 Other safety information
No data available

10 Stability and Reactivity
10.1 Reactivity
No data available

10.2 Chemical stability
No data available

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
No data available

10.5 Incompatible materials
No data available

10.6 Hazardous decomposition products
Refer Section 5.2

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

Page 4 of 7
11.2 Components

**Malachite green oxalate**

*Acute Oral toxicity*
Rat LD50: 275 mg/kg (As per RTECS)

*Skin irritation*
Rabbit result: Irritations

*Eye irritation*
Rabbit result: Severe Irritations (As Per RTECS)

Germ cell mutagenicity: Genotoxicity in vitro

*Ames test*
Salmonella Typhimurium
Result: Negative (As per National Toxicology Programme)

**Additional information:**
RTECS BQ1190000

12 Ecological Information

12.1 Toxicity
No data available

**Components:**

*Malachite green oxalate*

*Toxicity to fish*
Ictalurus catus (catfish) LC50: 14mg/l; 96 h
Toxicity to Daphnia and other aquatic invertebrates
Daphnia magna (water flea) EC50: 29mg/l; 48 h
Toxicity to Bacteria
Sewage sludge EC50: 10-100 mg/l
(As per OECD test guideline 209)

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
This substance or mixture contains no components considered to be persistent, bioaccumulating nor toxic (PBT) at levels of 0.1% or higher.

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 company. Contact a licenced professional waste disposal service to dispose off this material.

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
ADNR : ADR : IATA_C : IATA_P : IMDG : RID :

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
This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

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

H302 Harmful if swallowed
H318 Causes serious eye damage
H361d Suspected of damaging the unborn child.
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
Acute Tox.oral 4 Acute toxicity, oral, Category 4
Aquatic Acute 1 Hazardous to the aquatic environment, acute hazard, Category 1
Aquatic Chronic 1 Hazardous to the aquatic environment, long term hazard, Category 1
Eye Dam. 1 Serious eye damage or eye irritation, Category 1
Repr. 2 Reproductive toxicity, Category 2

Further Information

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