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

1.1 **Product Identifiers**
- **Product Number**: M1428
- **Product Name**: Semisolid RV Medium Base
- **REACH Registration Number**: This product is a mixture. Reach registration number is not available for this substance.

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

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.**: +91-22-2500 2468
- **Mail Id**: info@himedialabs.com
- **Website**: www.himedialabs.com

1.4 **Emergency Tel. No.**
- **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><strong>As Per EC Regulation 1272/2008</strong></td>
<td>&gt;=0.1 - &lt;=1.0%</td>
</tr>
<tr>
<td>CAS No. : 2437-29-8</td>
<td>Acute Tox.oral 4; Eye Dam. 1; Repr. 2; Aquatic Acute 1; Aquatic Chronic 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>H302; H318; H361d; H400; H410</td>
<td></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.

**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
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, Hydrogen chloride gas, Sodium oxides, Magnesium 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 2016/425/EEC and the standard EN ISO 374-1/2016 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**
Light yellow to light blue coloured
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*
No data available

homogeneous free flowing powder.

Odour
No data available

Odour Threshold
No data available

pH
5.20 - 5.60

Melting/freezing point
No data available

Initial boiling point and boiling range
No data available

Flash point
No data available

Flammability (Solid, gas)
No data available

Vapour pressure
No data available

Relative density
No data available

Water Solubility
No data available

Partition coefficient: n-octanol/water
No data available

Autoignition Temperature
No data available

Viscosity
No data available

Explosive properties
No data available

Oxidizing properties
No data available

Vapour density
No data available

Thermal decomposition
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

Potential Health Effects
Inhalation
REFER SECTION 2

Skin
REFER SECTION 2

Eyes
REFER SECTION 2

Ingestion
REFER SECTION 2

Additional Information
RTECS : No data available

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 for this mixture

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
### 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

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

### Further Information

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