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

1.1 Product Identifiers
Product Number MV1106
Product Name M-Endo HiVeg™ Agar LES
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. : +91-22-25002468
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]
Carcinogenicity, (Category 1B), H350

2.2 Label elements
Labeling according to Regulation (EC) No.1272/2008

Pictogram
Signal word Danger
Hazard Statement(s)
H350 May cause cancer
Precautionary Statement(s)
P201 Obtain special instructions before use.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P281 Use personal protective equipment as required.
P308 + P313 IF exposed or concerned: Get medical advice/attention.

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>Basic Fuchsin</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=1.0 - &lt;=2.5%</td>
</tr>
<tr>
<td>CAS No. : 569-61-9</td>
<td>Carc. 1B H350</td>
<td></td>
</tr>
<tr>
<td>EC No. : 209-321-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Index-No : 611-031-00-X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium lauryl sulphate (SLS)</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=0.1 - &lt;=1.0%</td>
</tr>
<tr>
<td>CAS No. : 151-21-3</td>
<td>Flam. Sol. 2; Acute Tox.oral 4; Acute</td>
<td></td>
</tr>
<tr>
<td>EC No. : 205-788-1</td>
<td>Tox. dermal. 3; Skin Irrit. 2; Eye Irrit. 2A;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>STOT SE 3 H228; H302; H311; H315; H319; H335</td>
<td></td>
</tr>
</tbody>
</table>

Refer Section 16 for complete statement of H codes & 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 with plenty of soap and 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, Sodium oxides, Sulphur oxides, Oxides of phosphorus, Potassium oxides, Hydrogen chloride gas

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 absorbent material. 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.

### Physical and chemical properties

#### Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Pinkish purple to Purple coloured homogeneous free flowing powder</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>7.00 - 7.40</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>Flammability (Solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</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>Oxidizing properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>No data available</td>
</tr>
</tbody>
</table>

#### Other safety information

No data available

### Stability and Reactivity

#### 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**  
Strong oxidizing agents

10.6 **Hazardous decomposition products**  
Refer Section 5.2. Other Decomposition products not known.

---

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: Basic Fuchsin (C.I.Basic Red 9)(Group 2B) 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 : No data available

11.2 **Components**

**Basic Fuchsin (C.I.Basic Red 9)**

**Acute Oral Toxicity**
Mouse LD50: 5,000 mg/kg

**Carcinogenicity**
IARC: 2B- Group 2B: Possible carcinogen to humans

**Germ cell mutagenicity**

**Genotoxicity invitro**

Mutagenicity (mammal cell test)
Result: Positive (As Per National Toxicology Program)
Mutagenicity (Mammal cell test)
Chromosome aberration
Result: Negative (As per National Toxicology program)

Ames Test
Salmonella Typhimurium
Result: Positive

Additional information:
RTECS: CX9850100

**Sodium Lauryl Sulphate**

*Acute oral toxicity*
Rat LD50: 1,427 mg/kg (As Per OECD Test Guideline 401)

*Acute dermal toxicity*
Rabbit LD50: > 2,000 mg/kg

*Skin irritation*
Rabbit Result: Irritations (As Per OECD Test Guideline 404)

*Eye irritation*
Rabbit Result: Irreversible effects on the eye
(As Per OECD Test Guideline 405)

*Sensitisation*
Guinea Pig Maximisation Test (GPMT)
Result: Negative (As Per IUCLID)

Ames test
Salmonella Typhimurium
Result: Negative (As Per OECD Test Guideline 471)

*Mutagenicity (mammal cell test)*
Mouse lymphoma test
Result: Negative (As Per OECD Test Guideline 476)

Additional information:
RTECS WT1050000

12 Ecological Information
12.1 Toxicity
No data available

Components:
**Sodium Lauryl Sulphate**

*Toxicity to fish*
Pimephales promelas (fathead minnow) LC50: 29 mg/l; 96 h
(As Per OECD Test Guideline 203)

*Toxicity to daphnia and other aquatic invertebrates*
Daphnia magna (Water flea) EC50: 6 mg/l; 48 h (As Per IUCLID)

*Toxicity to algae*
Desmodesmus subspicatus (green algae) Static test: EC50: 53 mg/l; 72h

*Toxicity to bacteria*
Photobacterium phosphoreum (formerly known as V. fischeri) Microtox test: EC50: 0.46 mg/l; 30 min (As Per IUCLID)
Activated sludge EC50: 130 mg/l; 3 h (As Per OECD Test Guideline 209)

Component:
Basic fuchsin
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
This preparation contains no substance considered to be persistent, bioaccumulating or 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 disposal 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 datasheet 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
Text of H codes and classification mentioned in section 3
H228 Flammable solid
H302 Harmful if swallowed
H311 Toxic in contact with skin
H315 Causes skin irritation
H319 Causes serious eye irritation
H335 May cause respiratory irritation
H350 May cause cancer
Acute Tox. dermal. 3 Acute toxicity, dermal, Category 3
Acute Tox. oral 4 Acute toxicity, oral, Category 4
Carc. 1B Carcinogenicity, Category 1B
Eye Irrit. 2A Serious eye damage or eye irritation, Category 2A
Flam. Sol. 2 Flammable solids, Category 2
Skin Irrit. 2 Skin corrosion or irritation, Category 2
STOT SE 3 Specific target organ toxicity, single exposure, Respiratory tract irritation, Category 3

Further Information

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