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

1.1 Product Identifiers
Product Number MV1119
Product Name M-Azide HiVeg™ Broth Base
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

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]
Hazardous to the aquatic environment, long term hazard, (Category 3), H412

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

Signal word None
Hazard Statement(s)
H412 Harmful to aquatic life with long lasting effects
Precautionary Statement(s)
P273 Avoid release to the environment.

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>Sodium azide</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Page 1 of 7
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, Oxides of phosphorus
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

Refer Section 16 for complete statement of H codes & classification.
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.
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>Cream to yellow 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>6.90 - 7.30</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>

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

Strong oxidizing agents

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

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

Sodium azide

Acute oral toxicity
Rat LD50: 27mg/kg (As per RTECS)

Acute dermal toxicity
LD50 Rabbit: 20mg/kg (As per RTECS)

Additional Information:
RTECS :VY8050000

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
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

<table>
<thead>
<tr>
<th>13</th>
<th>Disposal Considerations</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.1</td>
<td><strong>Waste treatments methods</strong></td>
</tr>
<tr>
<td><strong>Product</strong></td>
<td>Offer surplus and non-recyclable solutions to a licenced disposal company. Contact a licenced professional waste disposal service to dispose off this material.</td>
</tr>
</tbody>
</table>

| 13.2 | **Contaminated packaging** |
| Dispose of as unused product. |

<table>
<thead>
<tr>
<th>14</th>
<th>Transport Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1</td>
<td><strong>UN-No</strong></td>
</tr>
<tr>
<td>ADNR : ADR : IATA_C : IATA_P : IMDG : RID :</td>
<td></td>
</tr>
</tbody>
</table>

| 14.2 | **UN proper shipping name** |
| 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 : ADR : IMDG : Marine pollutant IATA_C : IATA_P : RID : |

| 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
H300  Fatal if swallowed
H310  Fatal in contact with skin
H400  Very toxic to aquatic life
H410  Very toxic to aquatic life with long lasting effects
Acute Tox. 1  Acute toxicity, dermal, Category 1
Acute Tox. oral. 2  Acute toxicity, oral, Category 2
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

Further Information

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