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

1.1 Product Identifiers
Product Number: FD333
Product Name: Modified L.mono Selective Supplement
REACH Registration Number: Reach registration number is not available for this product.

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

Hazards Identification

2.1 Classification of the substance or mixture
CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]
Sensitisation, respiratory, (Category 1), H334
Sensitisation, Skin, (Category 1), H317

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

Pictogram
Signal word: Danger
Hazard Statement(s)
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H317 May cause an allergic skin reaction
Precautionary Statement(s)
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P342 + P311 IF experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.
P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.

2.3 Other Hazards
3 Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nalidixic acid</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS No. :</td>
<td>389-08-2</td>
<td>As Per EC Regulation 1272/2008</td>
</tr>
<tr>
<td>EC No. :</td>
<td>206-864-7</td>
<td>Acute Tox.oral 4 H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;=40 - &lt;=50%</td>
</tr>
<tr>
<td>Ceftazidime pentahydrate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS No. :</td>
<td>78439-06-2</td>
<td>As Per EC Regulation 1272/2008</td>
</tr>
<tr>
<td>EC No. :</td>
<td>276-715-9</td>
<td>Skin Sens. 1; Eye Irrit. 2A; Resp. Sens. 1 H317; H319; H334</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;=40 - &lt;=50%</td>
</tr>
<tr>
<td>Amphotericin B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS No. :</td>
<td>1397-89-3</td>
<td>As Per EC Regulation 1272/2008</td>
</tr>
<tr>
<td>EC No. :</td>
<td>215-742-2</td>
<td>Skin Irrit. 2; Eye Irrit. 2A; STOT SE 3 H315; H319; H335</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&gt;=1 - &lt;=5%</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
The known symptoms and effects are described in section 2.2

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
Development of hazardous combustion gases or vapours possible in the event of fire.

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 2-8°C

7.3 Specific end uses
No data available.

8 Exposure Controls/Personal Protection

8.1 Control parameters
Components with workplace control parameters

8.2 Exposure controls
Appropriate engineering controls
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Light yellow 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>No data available</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
No data available
10.6 Hazardous decomposition products
Other Decomposition products. No Data Available

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
Mixture may cause skin sensitisation.
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.

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: Not Available

11.2 Components
Nalidixic acid
Acute Oral Toxicity
Rat LD50 : 2040 mg/kg
Mouse LD50 : 572 mg/kg

Acute Intraperitoneal Toxicity
Rat LD50 : 319 mg/kg
Mouse LD50 : 600 mg/kg

Acute Intravenous Toxicity
Rat LD50 : 1160 mg/kg
Mouse LD50 : 101 mg/kg

Acute Dermal Toxicity
Rat LD50 : 1584 mg/kg
Mouse LD50 : 500 mg/kg

Additional Information
RTECS: QN2885000

12 Ecological Information
12.1 Toxicity
No data available

12.2 Persistence and degradability
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
<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.3</td>
<td>Transport hazard class(es)</td>
</tr>
<tr>
<td></td>
<td>ADNR : - ADR : - IATA_C : - IATA_P : - IMDG : - RID : -</td>
</tr>
<tr>
<td>14.4</td>
<td>Packaging group</td>
</tr>
<tr>
<td></td>
<td>ADNR : ADR : IATA_C : IATA_P : IMDG : RID :</td>
</tr>
<tr>
<td>14.5</td>
<td>Environmental hazards</td>
</tr>
<tr>
<td></td>
<td>ADNR : NO ADR : NO IMDG : Marine Pollutant No IATA_C : NO IATA_P : NO RID : NO</td>
</tr>
<tr>
<td>14.6</td>
<td>Special precautions for use</td>
</tr>
<tr>
<td></td>
<td>No data available</td>
</tr>
<tr>
<td>15</td>
<td>Regulatory Information</td>
</tr>
<tr>
<td></td>
<td>This safety datasheet complies with the requirements of Regulation(EC) No. 1907/2006.</td>
</tr>
<tr>
<td>15.1</td>
<td>Safety health and environment regulations/legislation specific for the substance or mixture</td>
</tr>
<tr>
<td></td>
<td>No data available</td>
</tr>
<tr>
<td>15.2</td>
<td>Chemical Safety Assessment</td>
</tr>
<tr>
<td></td>
<td>No data available</td>
</tr>
</tbody>
</table>

### 16 Other information

- **Text of H codes and classification mentioned in section 3**
  - **H302** Harmful if swallowed
  - **H315** Causes skin irritation
  - **H317** May cause an allergic skin reaction
  - **H319** Causes serious eye irritation
  - **H334** May cause allergy or asthma symptoms or breathing difficulties if inhaled
  - **H335** May cause respiratory irritation
  - **Acute Tox.oral 4** Acute toxicity, oral, Category 4
  - **Eye Irrit. 2A** Serious eye damage or eye irritation, Category 2A
  - **Resp. Sens. 1** Sensitisation, respiratory, Category 1
  - **Skin Irrit. 2** Skin corrosion or irritation, Category 2
  - **Skin Sens. 1** Sensitisation, Skin, Category 1
  - **STOT SE 3** Specific target organ toxicity, single exposure, Respiratory tract irritation, Category 3

### Further Information

Copyright 2017 HiMedia Laboratories Pvt. Ltd.
The information given in this safety data sheet is believed to be correct yet does not claim to be all inclusive. This document is intended only as a guide for appropriate precautionary handling of the material by properly trained individuals, information here being commensurate with the present state of our knowledge regarding the manner and conditions of use, handling, storage or disposal.
The information provided herein shall not be considered as guarantee of the properties of the product. HiMedia Laboratories, shall not be held liable for any damage resulting from improper handling or contact with the above product. Unless explicitly stated on the product or in any of the documentation accompanying the product, it is intended for research or testing purpose only and is not to be used for any other purpose.