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

1.1 Product Identifiers
Product Number: FD122
Product Name: SM Selective Supplement
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]
Acute toxicity, Oral, (Category 1), H300
Sensitisation, Skin, (Category 1), H317
Serious eye damage or eye irritation, (Category 1), H318
Acute toxicity, Inhaled, (Category 3), H331
Carcinogenicity, (Category 2), H351
Reproductive toxicity, (Category 1A), H360
Hazardous to the aquatic environment, acute hazard, (Category 1), H400

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

Pictogram
Signal word: Danger
Hazard Statement(s)
H300: Fatal if swallowed
H317: May cause an allergic skin reaction
H318: Causes serious eye damage
H331  Toxic if inhaled  
H351  Suspected of causing cancer  
H360  May damage fertility or the unborn child  
H400  Very toxic to aquatic life  

Precautionary Statement(s)  
P261  Avoid breathing dust/fume/gas/mist/vapours/spray.  
P280  Wear protective gloves/protective clothing/eye protection/face protection.  
P201  Obtain special instructions before use.  
P273  Avoid release to the environment.  
P304 + P312  IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P305+P351+P338  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333 + P313  IF SKIN irritation or rash occurs: Get medical advice/attention.  
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>Actidione (Cycloheximide)</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=30 - &lt;=40%</td>
</tr>
<tr>
<td>CAS No. : 66-81-9</td>
<td>Acute Tox. oral. 1; Skin Irrit. 2; Muta. 2; Repr. 1B; Aquatic Chronic 2 H300; H315; H341; H360D; H411</td>
<td></td>
</tr>
<tr>
<td>EC No. : 200-636-0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Index-No : 613-140-00-8</td>
<td></td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vancomycin hydrochloride</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=1 - &lt;=10%</td>
</tr>
<tr>
<td>CAS No. : 1404-93-9</td>
<td>Skin Sens. 1 H317</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloromycetin</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=0.001 - &lt;=0.01%</td>
</tr>
<tr>
<td>CAS No. : 56-75-7</td>
<td>Carc. 1B H350</td>
<td></td>
</tr>
<tr>
<td>EC No. : 200-287-4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Component</td>
<td>Classification</td>
<td>Concentration</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------------------------------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>Penicillin G sodium salt</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=0.0001 - &lt;=0.001%</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 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
Nature of decomposition products not known.

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
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White homogeneous 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 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**
Mixture may cause eye irritation.

**Respiratory or skin sensitisation**
No data available

**Carcinogenicity**
May cause cancer

**Specific target organ toxicity - single exposure**
No data available

**Specific target organ toxicity - repeated 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

**Cycloheximide**

**Acute oral Toxicity**
Rat LD50: 2mg/kg

**Skin Corrosion/Irritation**
Skin-rabbit Result: Skin irritation: 24 h

**Germ cell mutagenicity**
Lab experiments have shown mutagenic effects.
Invitro tests showed mutagenic effects.

**Reproductive toxicity**
May cause congenital malformation in the fetus.
Presumed human reproductive toxicant.
Liver-irregularities-based on human evidence.

**Additional Information**
RTECS: MA4375000

**Vancomycin Hydrochloride**

**Acute Oral Toxicity**
Rat LD50: 10,000 mg/kg
Mouse LD50: 5,000 mg/kg

Acute Intraperitoneal Toxicity
Rat LD50: 2218 mg/kg
Mouse LD50: 1734 mg/kg

Acute Intravenous Toxicity
Rat LD50: 319 mg/kg

Acute Subcutaneous Toxicity
Mouse LD50: >5000 mg/kg

Additional information:
RTECS: YW4380000

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
No data available

12.5 PBT and vPvB assessment
PBT/vPvB assessment was not conducted as chemical safety assessment is not required.

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
14.2 **UN proper shipping name**
- ADNR : Toxic solids, organic, n.o.s.
- ADR : Toxic solids, organic, n.o.s.
- IATA_C : Toxic solids, organic, n.o.s.
- IATA_P : Toxic solids, organic, n.o.s.
- IMDG : Toxic solids, organic, n.o.s.
- RID : Toxic solids, organic, n.o.s.

14.3 **Transport hazard class(es)**
- ADNR : 6.1
- ADR : 6.1
- IATA_C : 6.1
- IATA_P : 6.1
- IMDG : 6.1
- RID : 6.1

14.4 **Packaging group**
- ADNR : II
- ADR : II
- IATA_C : II
- IATA_P : II
- IMDG : II
- RID : II

14.5 **Environmental hazards**
- ADNR : No
- ADR : No
- IMDG : Marine pollutant
- 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
- H300 Fatal if swallowed
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H341 Suspected of causing genetic defects
- H350 May cause cancer
- H360D May damage the unborn child
- H411 Toxic to aquatic life with long lasting effects
- Acute Tox. oral. 1 Acute toxicity, oral, Category 1
- Aquatic Chronic 2 Hazardous to the aquatic environment, long term hazard, Category 2
- Carc. 1B Carcinogenicity, Category 1B
- Muta. 2 Germ cell mutagenicity, Category 2
- Repr. 1B Reproductive toxicity, Category 1B
- Resp. Sens. 1 Sensitisation, respiratory, Category 1
- Skin Irrit. 2 Skin corrosion or irritation, Category 2
- Skin Sens. 1 Sensitisation, Skin, Category 1
Further Information

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