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

1.1 Product Identifiers
- Product Number: MV664
- Product Name: Sabouraud Cycloheximide Chloramphenicol HiVeg™ Agar
- 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
- For InVitro Diagnostic Use

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
  - Skin corrosion or irritation, (Category 2), H315
  - Germ cell mutagenicity, (Category 2), H341
  - Reproductive toxicity, (Category 1A), H360D
  - Hazardous to the aquatic environment, long term hazard, (Category 2), H411
  - Carcinogenicity, (Category 1A), H350

2.2 Label elements
- Labeling according to Regulation (EC) No.1272/2008
  - Pictogram
  - Signal word: Danger
  - Hazard Statement(s):
    - H300: Fatal if swallowed
    - H315: Causes skin irritation
    - H341: Suspected of causing genetic defects
    - H360: May damage fertility or the unborn child
H411  To aquatic life with long lasting effects
H350  May cause cancer

Precautionary Statement(s)
P280  Wear protective gloves/protective clothing/eye protection/face protection.
P201  Obtain special instructions before use.
P308 + P313  IF exposed or concerned: Get medical advice/attention.
P301 + P310  IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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>Cycloheximide</td>
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<td>&gt;=1.0 - &lt;=10.0%</td>
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<tr>
<td>CAS No. :</td>
<td>66-81-9</td>
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</tr>
<tr>
<td>EC No. :</td>
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<td>Index-No :</td>
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<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chloramphenicol</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=0.01 - &lt;=0.1%</td>
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<tr>
<td>CAS No. :</td>
<td>56-75-7</td>
<td></td>
</tr>
<tr>
<td>EC No. :</td>
<td>200-287-4</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 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. Other 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 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
Cream to yellow coloured may have slight greenish tinge homogeneous free flowing powder

Odour
No data available

Odour Threshold
No data available

pH
6.60 - 7.00

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

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 Oxidising 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: 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
11.2 Components

**Chloramphenicol**

*Acute oral Toxicity*
Rat LD50: 2.500 mg/kg
Rat Intraperitoneal LD50: 1.811 mg/kg
Mouse Intraperitoneal LD50: 1.100 mg/kg

*Respiratory or skin sensitization*
Prolonged or repeated exposure may cause allergic reactions in certain sensitive individuals.

*Germ Cell Mutagenicity*
Lab experiments have shown mutagenic effects.
Classified by IARC as Group 2A probable carcinogen to humans

*Reproductive toxicity*
May cause congenital malformation in the fetus.

Additional Information
RTECS : AB6825000

**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

12 Ecological Information

12.1 Toxicity
No data available
Components:
Chloramphenicol

Toxicity to Daphnia and other aquatic invertebrates
Daphnia magna (Water flea) EC50: 345 mg/l; 48 h

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
No data available

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

<table>
<thead>
<tr>
<th>H300</th>
<th>Fatal if swallowed</th>
</tr>
</thead>
<tbody>
<tr>
<td>H315</td>
<td>Causes skin irritation</td>
</tr>
<tr>
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</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
<tr>
<td>H360D</td>
<td>May damage the unborn child</td>
</tr>
<tr>
<td>H411</td>
<td>Toxic to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

- Acute Tox. oral 1,2: Acute toxicity, oral, Category 1, 2
- 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
- Skin Irrit. 2: Skin corrosion or irritation, Category 2

### Further Information

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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.