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

1.1  Product Identifiers

<table>
<thead>
<tr>
<th>Product Number</th>
<th>M1787</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>Yeast Mould Chloramphenicol Agar, Modified</td>
</tr>
<tr>
<td>REACH Registration Number</td>
<td>This product is a mixture. Reach registration number is not available for this mixture.</td>
</tr>
</tbody>
</table>

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 1A), 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.
  - 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>Chloramphenicol</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=0.1 &lt;=1.0%</td>
</tr>
<tr>
<td>CAS No. : 56-75-7</td>
<td>EC No. : 200-287-4</td>
<td></td>
</tr>
<tr>
<td>Trypan Blue</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=0.01 &lt;=0.1%</td>
</tr>
<tr>
<td>CAS No. : 72-57-1</td>
<td>EC No. : 200-786-7</td>
<td>Index-No : 611-024-00-1</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, Hydrogen chloride gas, Sodium oxides, Oxides of phosphorus, Potassium oxides

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 15-25°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

#### 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 tan 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>6.80 - 7.20</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

### 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. 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**  
REFER SECTION 2

**Skin**  
REFER SECTION 2

**Eyes**  
REFER SECTION 2

**Ingestion**  
REFER SECTION 2

---

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

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**Trypan blue**

*Acute oral toxicity*
Rat LD50: >6200 mg/kg; (RTECS)

*Acute dermal toxicity*
No data available

*Acute inhalation toxicity*
No data available

*Skin irritation*
No data available

*Eye irritation*
No data available

*Sensitisation*
No data available

*Repeated Exposures*
No data available

*Germ Cell Mutagenicity*
*Rat*

*Unscheduled DNA Synthesis*

*Carcinogenicity*
Sufficient evidence of carcinogenicity in animals.

*Reproductive toxicity*
No data available

*Teratogenicity*
No data available

*CMR Effects*
No data available in humans.
IARC Group 2B: Possible carcinogen to humans. (TOXNET)

**Additional information**
RTECS: QJ6475000

---

**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
Components
Trypan blue
*Toxicity to fish*
Oryzias latipes
LC₅₀: >1000 mg/L, 48h (ECHA)

### 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.

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

### 14 Transport Information

#### 14.1 UN-No

- **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

#### 14.2 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**: No
- **ADR**: No
- **IATA_C**: No
- **IATA_P**: No
- **IMDG**: No
- **RID**: No

#### 14.4 Packaging group

- **ADNR**: No
- **ADR**: No
- **IATA_C**: No
- **IATA_P**: No
- **IMDG**: No
- **RID**: No

#### 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
H350 May cause cancer
Carc. 1B Carcinogenicity, Category 1B

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.