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

1.1 Product Identifiers

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Number</td>
<td>SD044</td>
</tr>
<tr>
<td>Product Name</td>
<td>Tobramycin</td>
</tr>
<tr>
<td>REACH Registration Number</td>
<td>This product is a mixture. Reach registration number is not available for this product.</td>
</tr>
</tbody>
</table>

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

- For Laboratory and Research use only.
- For In Vitro 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]**

Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008.

2.2 Label elements

**Labeling according to Regulation (EC) No.1272/2008**

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other Hazards

None

3 Composition/Information On Ingredients

The components of this product need not be disclosed as per the regulations. Ingredients in this product are nonhazardous.

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 off with soap and plenty of 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, nitrogen oxides

5.3 **Precautions for fire-fighters**
Wear full protective clothing and 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 adsorbent material and dispose of as hazardous waste. 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. Store with desiccant.

**Recommended Storage Temperature**: On receipt store between -20°C to 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 let product enter drains. Discharge into the environment must be avoided.

### 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><strong>Appearance</strong></td>
<td>Filter paper discs of 6 mm diameter with printed symbol and concentration of antibiotic on centre of each side of the disc.</td>
</tr>
<tr>
<td><strong>Odour</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>Odour Threshold</strong></td>
<td>No data available</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>Not Applicable</td>
</tr>
<tr>
<td><strong>Melting/freezing point</strong></td>
<td>No data available</td>
</tr>
</tbody>
</table>
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
No data available

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

---

**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
This substance or mixture contains no components considered to be persistent, bioaccumulating nor 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 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
<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2</td>
<td><strong>UN proper shipping name</strong>&lt;br&gt;ADNR : Not dangerous goods&lt;br&gt;ADR : Not dangerous goods&lt;br&gt;IATA_C : Not dangerous goods&lt;br&gt;IATA_P : Not dangerous goods&lt;br&gt;IMDG : Not dangerous goods&lt;br&gt;RID : Not dangerous goods</td>
</tr>
<tr>
<td>14.3</td>
<td><strong>Transport hazard class(es)</strong>&lt;br&gt;ADNR : -&lt;br&gt;ADR : -&lt;br&gt;IATA_C : -&lt;br&gt;IATA_P : -&lt;br&gt;IMDG : -&lt;br&gt;RID : -</td>
</tr>
<tr>
<td>14.4</td>
<td><strong>Packaging group</strong>&lt;br&gt;ADNR : NO&lt;br&gt;ADR : NO&lt;br&gt;IATA_C : NO&lt;br&gt;IATA_P : NO&lt;br&gt;IMDG : NO&lt;br&gt;RID : NO</td>
</tr>
<tr>
<td>14.5</td>
<td><strong>Environmental hazards</strong>&lt;br&gt;ADNR : NO&lt;br&gt;ADR : NO&lt;br&gt;IMDG : Marine Pollutant&lt;br&gt;IATA_C : NO&lt;br&gt;IATA_P : NO&lt;br&gt;RID : NO</td>
</tr>
<tr>
<td>14.6</td>
<td><strong>Special precautions for use</strong>&lt;br&gt;No data available</td>
</tr>
<tr>
<td>15</td>
<td><strong>Regulatory Information</strong>&lt;br&gt;This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006</td>
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<tr>
<td>15.1</td>
<td><strong>Safety health and environment regulations/legislation specific for the substance or mixture</strong>&lt;br&gt;No data available</td>
</tr>
<tr>
<td>15.2</td>
<td><strong>Chemical Safety Assessment</strong>&lt;br&gt;No data available</td>
</tr>
<tr>
<td>16</td>
<td><strong>Other information</strong></td>
</tr>
</tbody>
</table>

**Further Information**

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