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

1.1  Product Identifiers
   Product Number    SD004
   Product Name      Carbenicillin
   REACH Registration Number  This product is a mixture. Reach registration number is not available for this substance.

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 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
   Mail Id        info@himedialabs.com
   Fax No.        +91-22-25002468
   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

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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 (NOx), Sulphur 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
Carefully soak up with inert absorbent material and dispose off as hazardous waste.

#### 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 dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2

#### 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 at -20°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>Description</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>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Melting/freezing point</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
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

**Additional Information**
RTECS: No data available

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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

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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
**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)
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 NO  IATA_C: NO  IATA_P: NO  RID: NO

14.6 Special precautions for use
No data available

15 Regulatory Information
This safety data sheet 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

Further Information
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