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

1.1  Product Identifiers

Product Number       TC352
Product Name          Cefotaxime sodium salt, Cell Culture Tested
CAS No.               64485-93-4
EC No.                264-915-9

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

1.2.1  Relevant identified uses

Laboratory chemicals, Manufacture of substances

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
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

2.2  Label elements

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

Pictogram
Signal word          Danger
Hazard Statement(s)
H317                 May cause an allergic skin reaction
H334                 May cause allergy or asthma symptoms or breathing difficulties if inhaled
Precautionary Statement(s)
P261                 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280                 Wear protective gloves/protective clothing/eye protection/face protection.
P342 + P311          IF experiencing respiratory symptoms: call a POISON CENTER or doctor/physician.

2.3  Other Hazards

none
3 Composition/Information On Ingredients

3.1 Substances
Molecular Formula: \( \text{C}_{16}\text{H}_{16}\text{N}_{5}\text{NaO}_{7}\text{S}_{2} \)
Molecular Weight: 477.45
CAS No.: 64485-93-4
EC No.: 264-915-9

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cefotaxime sodium salt, Cell Culture Tested</td>
<td>As Per EC Regulation 1272/2008</td>
<td>Skin Sens. 1; Resp. Sens. 1 H317; H334</td>
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<tr>
<td>CAS No.: 64485-93-4</td>
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<td></td>
</tr>
<tr>
<td>EC No.: 264-915-9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
Do NOT induce vomiting. 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
The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

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
Unsuitable extinguishing media

5.2 Special hazards arising from the substance or mixture
Carbon oxides, nitrogen oxides (NOx), Sulphur oxides, Sodium 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. Discharge into environment must be avoided.
6.3 Methods and materials for containment and cleaning up
6.4 Reference to other sections
For disposal see Section 13.

7 Handling and Storage
7.1 Precautions for safe handling
7.2 Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Recommended Storage Temperature: 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
Handle in accordance to general industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
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
Faceshield and safety goggles.
Skin protection
Handle with gloves.
Body protection
Complete suit protecting against chemicals.
Respiratory protection
Air-purifying respirators.
Environment exposure controls
Prevent further leakage or spillage if safe to do so. 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
Appearance: White to yellow crystals or powder
Odour
Odour Threshold
pH
Melting/freezing point
Initial boiling point and boiling range
Flash point
Upper/lower flammability or explosive limits
Evaporation rate
Flammability (Solid, gas)
Vapour pressure
Relative density
Water Solubility
Partition coefficient: n-octanol/water
Autoignition Temperature
Decomposition Temperature
Viscosity
Explosive properties
Oxidizing properties
Vapour density
Thermal decomposition

9.2 Other safety information
No data available

10 Stability and Reactivity

10.1 Reactivity
No data available

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

10.6 Hazardous decomposition products
Other decomposition products - refer section 5.2.
In the event of fire - refer section 5.

11 Toxicological Information

11.1 Information on toxicological effects

Skin corrosion/irritation
No data available
Serious eye damage/eye irritation
<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Ecological Information</td>
</tr>
<tr>
<td>12.1</td>
<td>Toxicity</td>
</tr>
<tr>
<td>12.2</td>
<td>Persistence and degradability</td>
</tr>
<tr>
<td></td>
<td>No data available</td>
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<tr>
<td>12.3</td>
<td>Bioaccumulative potential</td>
</tr>
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<td>12.4</td>
<td>Mobility in soil</td>
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<tr>
<td>12.5</td>
<td>PBT and vPvB assessment</td>
</tr>
<tr>
<td></td>
<td>PBT and vPvB assessment not available Chemical safety assessment is not required</td>
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<tr>
<td>12.6</td>
<td>Other adverse effects</td>
</tr>
<tr>
<td></td>
<td>Discharge into the environment must be avoided.</td>
</tr>
<tr>
<td>13</td>
<td>Disposal Considerations</td>
</tr>
<tr>
<td>13.1</td>
<td>Waste treatments methods</td>
</tr>
<tr>
<td></td>
<td>Product</td>
</tr>
<tr>
<td>13.2</td>
<td>Contaminated packaging</td>
</tr>
<tr>
<td></td>
<td>Dispose of as unused product.</td>
</tr>
<tr>
<td>14</td>
<td>Transport Information</td>
</tr>
<tr>
<td>14.1</td>
<td>UN-No</td>
</tr>
<tr>
<td></td>
<td>ADNR : ADR : IATA_C : IATA_P : IMDG : RID :</td>
</tr>
<tr>
<td>14.2</td>
<td>UN proper shipping name</td>
</tr>
<tr>
<td></td>
<td>ADNR : Not dangerous goods</td>
</tr>
</tbody>
</table>
14.3 Transport hazard class(es)
ADR : Not dangerous goods
IATA_C : Not dangerous goods
IATA_P : Not dangerous goods
IMDG : Not dangerous goods
RID : Not dangerous goods

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-Statements and EUH-Phrases mentioned in section 3
H317 May cause an allergic skin reaction
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
Skin Sens. 1 Sensitisation, Skin, Category 1
Resp. Sens. 1 Sensitisation, respiratory, Category 1

Further Information
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