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

1.1 Product Identifiers
Product Number: GRM1175
Product Name: Sodium-1-butanesulphonate, For HPLC
CAS No.: 2386-54-1
EC No.: 219-201-1

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

2.3 Other Hazards
none

3 Composition/Information On Ingredients

3.1 Substances
Synonym: 1-Butanesulfonic acid sodium salt, For HPLC
Molecular Formula: C₄H₉NaO₃S
Molecular Weight: 160.17
CAS No.: 2386-54-1
EC No.: 219-201-1
No components need to be disclosed according to the applicable regulations.

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
Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. 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
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, 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
Sweep up and shovel. Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). 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 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.  
*Recommended Storage Temperature*: Below 30°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**  

<table>
<thead>
<tr>
<th>Property</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colourless or white crystals or powder or flakes</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>No data available</td>
</tr>
</tbody>
</table>
Melting/freezing point | No data available
Initial boiling point and boiling range | No data available
Flash point | No data available
Upper/lower flammability or explosive limits | No data available
Evaporation rate | 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
Stable under recommended storage conditions.
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
Other decomposition products - refer section 5.2.
In the event of fire - refer section 5.

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
<table>
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<tr>
<th>Section</th>
<th>Description</th>
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<td>12.3</td>
<td>Bioaccumulative potential</td>
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<td>12.4</td>
<td>Mobility in soil</td>
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<td>12.5</td>
<td>PBT and vPvB assessment</td>
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<tr>
<td>12.6</td>
<td>Other adverse effects</td>
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</tbody>
</table>

Discharge into the environment must be avoided.

<table>
<thead>
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<th>Section</th>
<th>Description</th>
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<td>Disposal Considerations</td>
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<td>13.1</td>
<td>Waste treatments methods</td>
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<tr>
<td>13.1.1</td>
<td>Product</td>
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<tr>
<td>13.2</td>
<td>Contaminated packaging</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>Transport Information</td>
</tr>
<tr>
<td>14.1</td>
<td>UN-No</td>
</tr>
</tbody>
</table>
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

Further Information

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