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

1.1 Product Identifiers

Product Number: RM3212
Product Name: 1-Bromoheptane
CAS No.: 629-04-9
EC No.: 211-068-8

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

Hazards Identification

2.1 Classification of the substance or mixture

CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]
Flammable liquids, (Category 3), H226

2.2 Label elements

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

Pictogram
Signal word: Warning

Hazard Statement(s)

H226 Flammable liquid and vapour

2.3 Other Hazards

None

Composition/Information On Ingredients

3.1 Substances

Molecular Formula: C₇H₁₅Br
Molecular Weight: 179.10
CAS No. : 629-04-9  
EC No. : 211-068-8

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-Bromoheptane</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAS No. : 629-04-9</td>
<td>As Per EC Regulation 1272/2008</td>
<td>100%</td>
</tr>
<tr>
<td>EC No. : 211-068-8</td>
<td>Flam. Liq. 3 H226</td>
<td></td>
</tr>
</tbody>
</table>

For the full text of the H-Statements and classification mentioned in this Section, see Section 16

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
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 bromide gas

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
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
   Appearance
   Colourless to light yellow liquid.
   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
   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
    Incompatible material
10.5 Incompatible materials
    Strong oxidizing agents, Strong bases
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
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

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
RTECS: MI8100000

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
PBT and vPvB assessment not available Chemical safety assessment is not required

12.6 Other adverse effects
Discharge into the environment must be avoided.

13 Disposal Considerations

13.1 Waste treatments methods
Product
Burn in a chemical incinerator equipped with an after burner and scrubber but exert extra care in igniting as this material is highly flammable.

13.2 Contaminated packaging
Dispose of as unused product.

14 Transport Information

14.1 UN-No

14.2 UN proper shipping name
ADNR  : Flammable liquids, n.o.s.
ADR   : Flammable liquids, n.o.s.
IATA_C: Flammable liquids, n.o.s.
IATA_P: Flammable liquids, n.o.s.
IMDG  : Flammable liquids, n.o.s.
RID   : Flammable liquids, n.o.s.

14.3 Transport hazard class(es)
ADNR  :  3  ADR  :  3  IATA_C : 3  IATA_P : 3  IMDG : 3  RID : 3

14.4 Packaging group

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
H226  Flammable liquid and vapour
Flam. Liq. 3  Flammable liquids, Category 3

Further Information
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