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

Product Identifiers

Product Number
MB539

Product Name
HiPurA® Quick Gel Purification Kit

REACH Registration Number
Reach registration number is not available for this mixture. The annual tonnage does not require a REACH registration or it is envisaged for a later registration deadline.

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

Relevant identified uses
Laboratory chemicals, Manufacture of substances

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
mb@himedialabs.com

Emergency Tel. No.
Please contact the regional HiMedia representation in your country

Hazards Identification

Classification of the substance or mixture

CLP Classification-Regulation (EC) No. 1272/2008 [EU-GHS/CLP]

Skin corrosion or irritation, (Category 2), H315
Serious eye damage or eye irritation, (Category 2A), H319
Hazardous to the aquatic environment, acute hazard, (Category 1), H400

For the full text of the H-Statements mentioned in this Section, See Section 16

Label elements

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

Pictogram

Signal word
Danger

Hazard Statement(s)

H315 Causes skin irritation
H319 Causes serious eye irritation
H400 Very toxic to aquatic life

Precautionary Statement(s)
P273 Avoid release to the environment.
P305+P351+P338   IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other Hazards
None

3 Composition/Information On Ingredients

3.2 Mixture

<table>
<thead>
<tr>
<th>Component</th>
<th>Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium iodide, Hi-AR™ACS</td>
<td>As Per EC Regulation 1272/2008</td>
<td>&gt;=20 - &lt;=50%</td>
</tr>
<tr>
<td>CAS No. : 7681-82-5</td>
<td>Skin Irrit. 2; Eye Irrit. 2A; Aquatic Acute</td>
<td></td>
</tr>
<tr>
<td>EC No. : 231-679-3</td>
<td>1 H315; H319; H400</td>
<td></td>
</tr>
<tr>
<td>Molecular Formula : Nal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Molecular Weight : 149.89</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
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
Treat symptomatically.

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
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. Wear disposable gloves, dust mask and eye protection.

6.2 **Environmental precautions**
No special environmental precautions required.

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. Clean up affected area. Flush spill area with water.

6.4 **Reference to other sections**
For disposal see Section 13.

---

7 **Handling and Storage**

7.1 **Precautions for safe handling**
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. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

*Recommended Storage Temperature*: Store between 15-25°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**
No special environmental precautions required.

### 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>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>
<tr>
<td>Melting/freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (Solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Thermal decomposition</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

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**
No data available

10.6 **Hazardous decomposition products**
Other Decomposition products. No Data Available

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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

*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 : Not applicable

---

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**
No data available

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.

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)**

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**

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
### Other information

- **H315**: Causes skin irritation
- **H319**: Causes serious eye irritation
- **H400**: Very toxic to aquatic life
- **Aquatic Acute 1**: Hazardous to the aquatic environment, acute hazard, Category 1
- **Eye Irrit. 2A**: Serious eye damage or eye irritation, Category 2A
- **Skin Irrit. 2**: Skin corrosion or irritation, Category 2

### Further Information

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