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

1.1 Product Identifiers
- Product Code: AS082
- Product Name: Triethylamine, HPLC

1.2 Relevant identified uses of the substance or mixture and uses advised against
- Identified uses: Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet
- Produced by: HiMedia Laboratories Pvt. Ltd.
- Address: 23, Vadhani Indl.Estate, LBS Marg, Mumbai 400 086, India.
- Tel. No.: +91-22-2500 0970, +91-22-2500 1607
- Fax No.: +91-22-2500 2468

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
- Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]
  - Flammable liquids (Category 2)
  - Acute toxicity, oral (Category 4)
  - Acute toxicity, dermal (Category 4)
  - Skin corrosion/irritation (Category 1A, B, C)
  - Acute toxicity, inhalation (Category 4)

- Classification according to EU Directives 67/548/EEC or 1999/45/EC
  - Highly flammable.
  - Harmful by inhalation, in contact with skin and if swallowed.
  - Causes severe burns.

2.2 Label elements
- Labelling according Regulation (EC) No 1272/2008 [CLP]

  Pictogram
  ![Pictogram]

  Signal word: Danger

  Hazard Statement(s)
  - H225: Highly Flammable liquid and vapour
  - H302: Harmful if swallowed
  - H312: Harmful in contact with skin
  - H314: Causes severe skin burns and eye damage
  - H332: Harmful if inhaled

  Precautionary Statement(s)
  - P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
  - P280: Wear protective gloves/protective clothing/eye protection/face protection.
  - P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P310: Immediately call a POISON CENTER or doctor/physician.

Symbol(s)  

R-Phrase(s)
R11 Highly flammable.
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R35 Causes severe burns.

S-Phrase(s)
S3 Keep in a cool place.
S16 Keep away from sources of ignition No smoking.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S29 Do not empty into drains.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

2.3 Other hazards - none

3. Composition/Information on Ingredients

3.1 Substances

<table>
<thead>
<tr>
<th>Molecular Formula</th>
<th>Component</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>( \text{C}<em>6\text{H}</em>{15}\text{N} )</td>
<td>Triethylamine, HPLC</td>
<td></td>
</tr>
<tr>
<td>Molecular Weight.</td>
<td>101.19</td>
<td></td>
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<tr>
<td>CAS-No.</td>
<td>121-44-8</td>
<td></td>
</tr>
<tr>
<td>EC-No.</td>
<td>204-469-4</td>
<td></td>
</tr>
<tr>
<td>Index-No.</td>
<td>612-004-00-5</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 off with soap and plenty of water. Consult a physician.

In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and 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.
5.2 Special hazards arising from the substance or mixture
No data available

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 vapors, 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
Soak up with inert absorbent material and dispose of as hazardous waste. 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 vapour or mist. Normal measures for preventive fire protection.

7.3 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 below 30°C

7.3 Specific end uses
No data available

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 product.

Personal protective equipment
Hygiene measure
Immediately change contaminated clothing. Apply preventive skin protection. Wash hands face after working with the substance

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 of 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 work place.
Respiratory protection
Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multi-purpose combination (US) or type ABEK(EN 14387) respirator cartridges as a backup to the 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 empty into drains

9 Physical and chemical properties
9.1 Information on basic physical and chemical properties
Appearance Clear colourless liquid

Odour No data available
Odour Threshold No data available
Odour Threshold No data available
pH No data available
Melting/freezing point No data available
Initial boiling point and boiling range No data available
Flash point -15°C
Upper/lower flammability or explosive limits No data available
Vapour pressure No data available
Vapour density 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
Decomposition Temperature No data available
Viscosity No data available
Explosive properties No data available
Oxidizing properties 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
No data available
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 - No data available

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: YE0175000

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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
No data available

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 disposal company. Contact a licenced professional waste disposal service to dispose of this material.

**Contaminated packaging**
Dispose of as unused product.

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14 Transport Information
14.1 UN-No.

ADR/RID: 1296  IMDG: 1296  IATA: 1296

14.2 UN proper shipping name

ADR/RID: Triethylamine, HPLC
IMDG: Triethylamine, HPLC
IATA: Triethylamine, HPLC

14.3 Transport hazard class(es)

ADR/RID: 3  IMDG: 3  IATA: 3

14.4 Packaging group

ADR/RID: 2  IMDG: 2  IATA: 2

14.5 Environmental hazards

ADR/RID: No  IMDG: Marine Pollutant:No  IATA: 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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