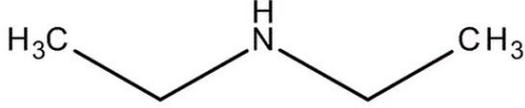


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## DIETHYLAMINE



**IUPAC NAME:** N-ethylethanamine

**CHEMICAL FORMULA:** C<sub>4</sub>H<sub>11</sub>N

**CAS NO:** 109-89-7

**MOLECULAR WEIGHT:** 73.14 g/mol

**PACKING:** Barrel, 140 KG

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### PRODUCT DESCRIPTION:

Diethylamine is used as a corrosion inhibitor and in making rubber, pharmaceuticals, resins, pesticides and dyes.

### APPLICATION AREAS:

- Pharmaceuticals
- Agrochemicals
- Rubber Industry
- Textile Industry
- Chemical Synthesis

### IT IS APPLIED IN THE PRODUCTION OF:

- Pharmaceuticals
- Agrochemicals
- Rubber Chemicals
- Solvents and Intermediates
- Corrosion Inhibitors
- Gas Treatment
- Fuel Additives
- Polymer Production
- Textile Industry
- Personal Care and Cosmetics

**CHEMICAL PROPERTIES**

<b>PURITY</b>	≥99.5
<b>ACID CONTENT</b>	
<b>MOISTURE AMOUNT</b>	
<b>COLOUR (Pt-Co)</b>	≤ 10
<b>INHIBITOR</b>	

**PHYSICAL PROPERTIES**

<b>APPEARANCE</b>	Colourless
<b>PHYSICAL STATE</b>	Liquid
<b>ODOR</b>	Pungent
<b>DENSITY</b>	0.705 g/cm <sup>3</sup> at 20°C
<b>BOILING POINT</b>	55.5°C
<b>FLASH POINT</b>	<-28°C
<b>VAPOR PRESSURE</b>	260 hPa at 20 °C
<b>pKa</b>	11.07

SAFETY INFORMATION	
<b>HAZARD PICTOGRAM(S)</b>	
<b>HAZARD STATEMENT(S)</b>	<p>H225 Highly flammable liquid and vapor.</p> <p>H301 + H311 Toxic if swallowed or in contact with skin.</p> <p>H314 Causes severe skin burns and eye damage.</p> <p>H332 Harmful if inhaled.</p> <p>H335 May cause respiratory irritation.</p>
<b>PRECAUTIONARY STATEMENT(S)</b>	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.</p> <p>P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor.</p> <p>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>
<b>STORAGE CLASS</b>	Storage class (TRGS 510): 3: Flammable liquids
<b>STORAGE CONDITIONS</b>	Keep the container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Keep locked up or in an area accessible only to qualified or authorized persons.
<b>TRANSPORT INFORMATION</b>	<p><b>UN number:</b></p> <ul style="list-style-type: none"> <li>• ADR/RID: 1154</li> <li>• IMDG: 1154</li> <li>• IATA: 1154</li> </ul> <p><b>UN proper shipping name:</b></p> <ul style="list-style-type: none"> <li>• ADR/RID: DIETHYLAMINE</li> <li>• IMDG: DIETHYLAMINE</li> </ul>



- IATA: Diethylamine

**Transport hazard class(es):**

- ADR/RID: 3 (8)
- IMDG: 3 (8)
- IATA: 3 (8)

**Packaging group:**

- ADR/RID: II
- IMDG: II
- IATA: II

**Environmental hazards:**

- ADR/RID: no
- IMDG Marine pollutant: no
- IATA: no

**For more information, check the SAFETY DATA SHEET or get contact with us.**