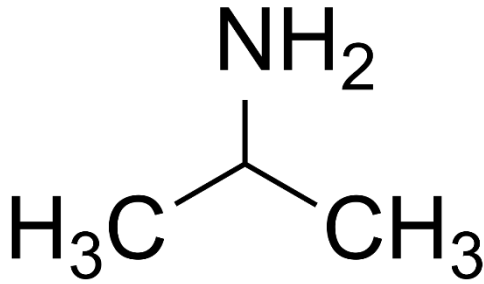


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**MIPA 70%, MONOISOPROPYLAMINE 70%**



**IUPAC NAME:** propan-2-amine

**CHEMICAL FORMULA:** C<sub>3</sub>H<sub>9</sub>N

**CAS NO:** 75-31-0

**MOLECULAR WEIGHT:** 59.09 g/mol

**PACKING:**

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**PRODUCT DESCRIPTION:**

Monoisopropylamine is an organic compound characterized by its clear and colourless appearance, accompanied by a distinctive amine odor. It belongs to the family of primary amines and features an isopropyl group (-CH(CH<sub>3</sub>)<sub>2</sub>) attached to a central amino group (-NH<sub>2</sub>). This specific molecular structure contributes to its unique chemical properties and reactivity.

**APPLICATION AREAS:**

- Agricultural Chemicals
- Pharmaceuticals
- Chemical Synthesis
- Rubber and Plastics Industry
- Surfactants
- Corrosion Inhibitors
- Textile Industry
- Polyurethane Foam
- Dyes and Pigments


**CHEMICAL PROPERTIES**

<b>PURITY</b>	≥99.5
<b>ACID CONTENT</b>	
<b>MOISTURE AMOUNT</b>	0.15% max.
<b>COLOUR (Pt-Co)</b>	≤ 10
<b>INHIBITOR</b>	

**PHYSICAL PROPERTIES**

<b>APPEARANCE</b>	Clear, colourless
<b>PHYSICAL STATE</b>	Liquid
<b>ODOR</b>	Ammonia odor
<b>DENSITY</b>	0.687 g/cm <sup>3</sup> at 20°C
<b>BOILING POINT</b>	32°C
<b>FREEZING POINT</b>	below -80°C
<b>FLASH POINT</b>	-35°C
<b>VAPOR PRESSURE</b>	630 hPa at 20 °C
<b>pKa</b>	10.72

**SAFETY INFORMATION**

<b>HAZARD PICTOGRAM(S)</b>	
<b>HAZARD STATEMENT(S)</b>	<p>H224 Extremely flammable liquid and vapor.</p> <p>H301 + H311 + H331 Toxic if swallowed, in contact with skin or if inhaled.</p> <p>H314 Causes severe skin burns and eye damage.</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> <p>P403 + P233 Store in a well-ventilated place. Keep the container tightly closed.</p>
<b>STORAGE CLASS</b>	<p>Storage class (TRGS 510): 3: Flammable liquids</p>
<b>STORAGE CONDITIONS</b>	<p>Keep 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.</p> <p>Recommended storage temperature 2 - 8 °C</p>
<b>TRANSPORT INFORMATION</b>	<p><b>UN number:</b></p> <ul style="list-style-type: none"> <li>• ADR/RID: 1221</li> <li>• IMDG: 1221</li> <li>• IATA: 1221</li> </ul> <p><b>UN proper shipping name:</b></p> <ul style="list-style-type: none"> <li>• ADR/RID: ISOPROPYLAMINE</li> </ul>



- IMDG: ISOPROPYLAMINE
- IATA: Isopropylamine

**Transport hazard class(es):**

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

**Packaging group:**

- ADR/RID: I
- IMDG: I
- IATA: I

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