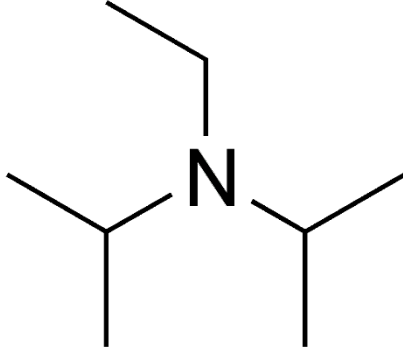

EDIPA, ETHYLDIISOPROPYLAMINE**IUPAC NAME:** N-ethyl-N-propan-2-ylpropan-2-amine**CHEMICAL FORMULA:** C₈H₁₉N**CAS NO:** 7087-68-5**MOLECULAR WEIGHT:** 129.24 g/mol**PACKING:**

PRODUCT DESCRIPTION:

Diisopropylethylamine (DIPEA) is a transparent, colourless liquid that does not dissolve in water but exhibits solubility in organic solvents like acetone. DIPEA holds significance as a vital intermediate in pesticides and pharmaceuticals. Its applications encompass the synthesis of anesthetics and herbicides, in addition to its role as a hindered amine catalyst, participating in diverse catalytic reactions.

PROPERTIES:

- Catalytic Properties
- Chemical Reactivity
- Solubility

APPLICATION AREAS:

- Chemical Synthesis
- Polymer Industry
- Pharmaceuticals
- Organic Synthesis

IT IS APPLIED IN THE PRODUCTION OF:

- Cement Grinding Aid
- Cement Setting Time
- Concrete Admixtures
- Stabilization of Concrete Mixtures
- Reducing Water Demand
- Cement Additives and Formulations

CHEMICAL PROPERTIES

PURITY	min. 99.5
ACID CONTENT	
MOISTURE AMOUNT	
COLOUR (Pt-Co)	≤30
INHIBITOR	

PHYSICAL PROPERTIES

APPEARANCE	Colourless transparent
PHYSICAL STATE	liquid
ODOR	amine-like
DENSITY	0.756 g/cm ³ at 20°C
BOILING POINT	127°C
FREEZING POINT	< -50 °C
FLASH POINT	12°C
VISCOSITY	kinematic: 0,88 mm ² /s at 20 °C
VAPOR PRESSURE	15 hPa at 20 °C
pKa	11.26



SAFETY INFORMATION

HAZARD PICTOGRAM(S)	
HAZARD STATEMENT(S)	<p>H225 Highly flammable liquid and vapor.</p> <p>H302 Harmful if swallowed.</p> <p>H318 Causes serious eye damage.</p> <p>H331 Toxic if inhaled.</p> <p>H335 May cause respiratory irritation.</p> <p>H411 Toxic to aquatic life with long lasting effects.</p>
RISK PHRASES	<p>R11 - Highly Flammable</p> <p>R22 - Harmful if swallowed</p> <p>R34 - Causes burns</p> <p>R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.</p> <p>R10 - Flammable</p> <p>R41 - Risk of serious damage to eyes</p> <p>R37/38 - Irritating to respiratory system and skin.</p> <p>R20/22 - Harmful by inhalation and if swallowed.</p> <p>R36/37/38 - Irritating to eyes, respiratory system and skin.</p> <p>R61 - May cause harm to the unborn child</p>
SAFETY PHRASES	<p>S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.</p> <p>S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)</p>

	<p>S61 - Avoid release to the environment. Refer to special instructions / safety data sheets.</p> <p>S16 - Keep away from sources of ignition.</p> <p>S27 - Take off immediately all contaminated clothing.</p> <p>S60 - This material and its container must be disposed of as hazardous waste.</p> <p>S23 - Do not breathe vapour.</p> <p>S9 - Keep container in a well-ventilated place.</p> <p>S53 - Avoid exposure - obtain special instructions before use.</p>
PRECAUTIONARY STATEMENT(S)	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P273 Avoid release to the environment.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301 + P312 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell.</p> <p>P304 + P340 + P311 IF INHALED: Remove person to fresh air and keep comfortable for breathing. 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>
STORAGE CLASS	Storage class (TRGS 510): 3: Flammable liquids
STORAGE CONDITIONS	<p>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.</p> <p>Handle and store under inert gas.</p>
TRANSPORT INFORMATION	<p>UN number</p> <ul style="list-style-type: none"> • ADR/RID: 3384 • IMDG: 3384 • IATA: 3384 <p>UN proper shipping name</p> <ul style="list-style-type: none"> • ADR/RID: TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. (N-ethyl-N,Ndiisopropylamine) • IMDG: TOXIC BY INHALATION LIQUID, FLAMMABLE, N.O.S. (N-ethyl-N,Ndiisopropylamine)



- IATA: Toxic by inhalation liquid, flammable, n.o.s. (N-ethyl-N,N-diisopropylamine)
Passenger Aircraft: Not permitted for transport Cargo Aircraft: Not permitted for transport

Transport hazard class(es)

- ADR/RID: 6.1 (3)
- IMDG: 6.1 (3)
- IATA: 6.1 (3)

Packaging group

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

Environmental hazards

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

Special precautions for user

Tunnel restriction code: (C/D)

Further information: No data available

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