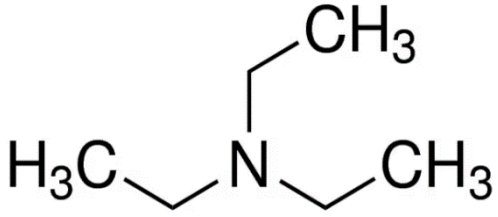

TEA, TRIETHYLAMINE**IUPAC NAME:** n,n-diethylethanamine**CHEMICAL FORMULA:** C₆H₁₅N**CAS NO:** 121-44-8**MOLECULAR WEIGHT:** 101.19 g/mol**PACKING:****PRODUCT DESCRIPTION:**

Triethylamine serves multiple purposes in various industries. As a base, it plays a vital role in the synthesis of esters and amides from acyl chlorides. Moreover, it finds significant application in producing quaternary ammonium compounds for textile auxiliaries and quaternary ammonium salts of dyes. Acting both as a catalyst and acid neutralizer, triethylamine facilitates condensation reactions. Its versatility extends to being an intermediate for the manufacture of medicines, pesticides, and various other chemicals.

APPLICATION AREAS:

- Foundry chemicals
- Perfumery chemicals
- Paints and coating
- Agro chemicals
- pharmaceuticals


CHEMICAL PROPERTIES

PURITY	≥99.7
ACID CONTENT	
MOISTURE AMOUNT	
COLOUR (Pt-Co)	≤ 10
INHIBITOR	

PHYSICAL PROPERTIES

APPEARANCE	Colourless
PHYSICAL STATE	liquid
ODOR	Strong, ammoniacal
DENSITY	0.728 g/cm ³ at 20°C
BOILING POINT	89.5°C
FREEZING POINT	-115 °C
FLASH POINT	-7°C
VISCOSITY	0.347 mPa.s at 25 °C
VAPOR PRESSURE	69 hPa at 20 °C
pKa	10.80

SAFETY INFORMATION

HAZARD PICTOGRAM(S)	
HAZARD STATEMENT(S)	<p>H225 Highly flammable liquid and vapor.</p> <p>H302 Harmful if swallowed.</p> <p>H311 + H331 Toxic 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>
PRECAUTIONARY STATEMENT(S)	<p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</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>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>
STORAGE CLASS	<p>Storage class (TRGS 510): 3: Flammable liquids</p>
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>
TRANSPORT INFORMATION	<p>UN number:</p> <ul style="list-style-type: none"> • ADR/RID: 1296 • IMDG: 1296 • IATA: 1296 <p>UN proper shipping name:</p> <ul style="list-style-type: none"> • ADR/RID: TRIETHYLAMINE • IMDG: TRIETHYLAMINE



- IATA: Triethylamine

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.