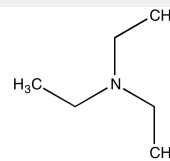


Identification

$C_6H_{15}N$
 M = 101,19 g/mol
 CAS [121-44-8]
 EC number: 204-469-4
 Taric code: 2921 19 99


Synonyms

N,N-Diethylethanamine

Specifications

assay (G.C.).....	min. 99,7 %	magnesium (Mg).....	max. 0,1 ppm
aluminium (Al).....	max. 0,2 ppm	molybdenum (Mo).....	max. 0,05 ppm
barium (Ba).....	max. 0,1 ppm	manganese (Mn).....	max. 0,05 ppm
cadmium (Cd).....	max. 0,05 ppm	nickel (Ni).....	max. 0,05 ppm
calcium (Ca).....	max. 0,5 ppm	potassium (K).....	max. 0,5 ppm
chromium (Cr).....	max. 0,05 ppm	sodium (Na).....	max. 0,5 ppm
cobalt (Co).....	max. 0,05 ppm	strontium (Sr).....	max. 0,1 ppm
copper (Cu).....	max. 0,05 ppm	zinc (Zn).....	max. 0,1 ppm
iron (Fe).....	max. 0,1 ppm		
lead (Pb).....	max. 0,1 ppm	suitability for use in LC-MS.....	passes test
lithium (Li).....	max. 0,1 ppm		

Physical data

- Density: 0,73 g/cm³
- Solub. in water: (20 °C): 133 g/l
- Melting point: -115 °C
- Boiling point: 90 °C
- Flash point: -11 °C
- Ignition temperature: 215 °C
- Vapour pressure: (20 °C) 69 hPa
- Saturation conc.: (20 °C) 256 g/m³
- Expl. limit (upper): 9,3 Vol%
- Expl. limit (lower): 1,2 Vol%
- pH(100 g/l H₂O, 15 °C) 12,7

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapour.
 H314: Causes severe skin burns and eye damage.
 H302: Harmful if swallowed.
 H312: Harmful in contact with skin.
 H332: Harmful if inhaled.


Precautionary Statements:

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
 P241: Use explosion-proof electrical / ventilating / lighting / equipment.
 P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- LD 50 (oral, rat): 460 mg/kg
- MAK: 1 ml/m³, 4,2 mg/m³
- WGK: 1
- Poison class CH (Swiss): 3

Transport/storage

- ADR: 3 FC II • UN 1296 • TRIETHYLAMINE
- IMDG: 3 II • UN 1296 • TRIETHYLAMINE
- IATA/ICAO: 3 II • UN 1296 • TRIETHYLAMINE
- PAX: 305
- CAO: 307
- Store between 15°C and 25°C