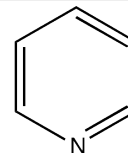


**Identification**

C<sub>5</sub>H<sub>5</sub>N  
M = 79,10 g/mol  
CAS [110-86-1]  
EC number: 203-809-9  
Taric code: 2933 31 00





**Applications**

solvents, synthesis of organic products, analytical chemistry.

**Specifications**

assay (G.C.).....	min. 99,5 %	iron (Fe).....	max. 0,00005 %
identity (IR-spectrum).....	passes test	lead (Pb).....	max. 0,00002 %
density (20°/4°).....	0,982 - 0,984	nickel (Ni).....	max. 0,00002 %
chlorides (Cl).....	max. 0,005 %	2-methylpyridine.....	max. 0,2 %
sulfates (SO <sub>4</sub> ).....	max. 0,005 %	piperidine (G.C.).....	max. 0,05 %
ammonia (NH <sub>3</sub> ).....	max. 0,005 %	residue on evaporation.....	max. 0,001 %
copper (Cu).....	max. 0,00002 %	water (K.F.).....	max. 0,1 %

**Packaging**
**Packaging Code**

- 1 l  PI01211000
- 2,5 l  PI01212500
- 5 l  PI0121005L

**Physical data**

- Density: 0,98 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -42 °C
- Boiling point: 115 °C
- Flash point: 17 °C
- Ignition temperature: 550 °C
- Vapour pressure: (20 °C) 20 hPa
- Refraction index: (n 20 °C/D) 1,5092
- Viscosity: (20 °C) 0,95 mPas
- Dipolar moment: (20 °C) 2,2 Debye
- Dielectric const.: (25 °C) 12,3
- Evap. heat: (115 °C) 511 KJ/kg
- Saturation conc.: (20 °C) 65 g/m<sup>3</sup>
- Expl. limit (upper): 12,4 Vol%
- Expl. limit (lower): 1,7 Vol%
- pH(16 g/l H<sub>2</sub>O, 20 °C) 8,5
- Hygroscopic

**Safety - GHS**

**Signal Word:** Danger


**Hazard Statements:**

- H225: Highly flammable liquid and vapour.
- 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.
- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
- P280: Wear protective gloves / protective clothing / eye protection / face protection.
- P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- LD 50 (oral, rat): 891 mg/kg
- MAK: 5 ml/m<sup>3</sup>, 16 mg/m<sup>3</sup>
- WGK: 2
- Poison class CH (Swiss): 4

**Transport/storage**

- ADR: 3 F1 II • UN 1282 • PYRIDINE
- IMDG: 3 II • UN 1282 • PYRIDINE
- IATA/ICAO: 3 II • UN 1282 • PYRIDINE
- PAX: 305
- CAO: 307