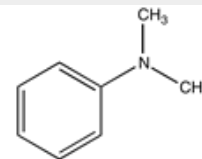


**Identification**

$C_8H_{11}N$   
 M = 121,18 g/mol  
 CAS [121-69-7]  
 EC number: 204-493-5  
 Taric code: 2921 42 90


**Synonyms**

Dimethylaminobenzene

**Applications**

synthesis of organic products, solvents, manufacture of dyes, laboratory reagent, in food industry.

**Specifications**

assay (G.C.).....	min. 99 %	lead (Pb).....	max. 0,2 ppm
identity (IR-spectrum).....	passes test	nickel (Ni).....	max. 0,2 ppm
density (20°/4°).....	0,955 - 0,956	aniline (G.C.).....	max. 0,005 %
copper (Cu).....	max. 0,2 ppm	n-methylaniline (G.C.).....	max. 0,4 %
heavy metals (as Pb).....	max. 1 ppm	residue on ignition.....	max. 0,005 %
iron (Fe).....	max. 0,5 ppm	water (K.F.).....	max. 0,1 %

**Physical data**

- Density: 0,96 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 1,2 g/l
- Melting point: 2,45 °C
- Boiling point: 194,2 °C
- Flash point: 63 °C
- Ignition temperature: 370 °C
- Vapour pressure: (20 °C) 0,53 hPa
- Refraction index: (n 20°/D) 1,5581
- Expl. limit (upper): 7 Vol%
- Expl. limit (lower): 1,2 Vol%
- pH(1,2 g/l H<sub>2</sub>O, 20 °C) 7,4

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

- H301: Toxic if swallowed.  
 H311: Toxic in contact with skin.  
 H331: Toxic if inhaled.  
 H351: Suspected of causing cancer.  
 H411: Toxic to aquatic life with long lasting effects.


**Precautionary Statements:**

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.  
 P280: Wear protective gloves / protective clothing / eye protection / face protection.  
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 P321: Specific treatment (see on this label).  
 P405: Store locked up.  
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 6.1 T1 II • UN 2253 • N,N-DIMETHYLANILINE
- IMDG: 6.1 II • UN 2253 • N,N-DIMETHYLANILINE
- IATA/ICAO: 6.1 II • UN 2253 • N,N-DIMETHYLANILINE
- PAX: 609
- CAO: 611
- 10°C - 30°C