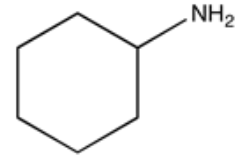


**Identification**

C<sub>6</sub>H<sub>13</sub>N  
M = 99,18 g/mol  
CAS [108-91-8]  
EC number: 203-629-0  
Taric code: 2921 30 10

**Synonyms**

Cyclohexanamine, Aminocyclohexane

**Applications**

analytical chemistry, synthesis of organic products, in the rubber industry, manufacture of dyes, emulsifier, insecticide.

**Specifications**

assay (G.C.).....	min. 99 %	density (20°/4°).....	0,866 - 0,867
identity (IR-spectrum).....	passes test	residue on evaporation.....	max. 0,05 %
		water (K.F.).....	max. 0,3 %

**Physical data**

- Density: 0,87 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -18 °C
- Boiling point: 133 - 134 °C
- Flash point: 27 °C
- Ignition temperature: 265 °C
- Vapour pressure: (20 °C) 14 hPa
- Refraction index: (n 20 °C/D) 1,4580
- Expl. limit (upper): 9,4 Vol%
- Expl. limit (lower): 1,6 Vol%
- pH(100 g/l H<sub>2</sub>O, 20 °C) 11,5

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

- H226: Flammable liquid and vapour.  
H301+H311: Toxic if swallowed or in contact with skin.  
H314: Causes severe skin burns and eye damage.  
H361f: Suspected of damaging fertility.

**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
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.  
P370+P378: In case of fire: Use ... for extinction.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 8 CF1 II • UN 2357 • CYCLOHEXYLAMINE
- IMDG: 8 II • UN 2357 • CYCLOHEXYLAMINE
- IATA/ICAO: 8 II • UN 2357 • CYCLOHEXYLAMINE
- PAX: 808
- CAO: 812
- 10°C - 30°C