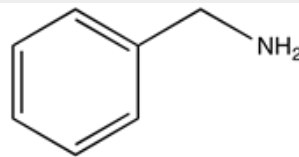


**Identification**

C<sub>7</sub>H<sub>9</sub>N  
M = 107,16 g/mol  
CAS [100-46-9]  
EC number: 202-854-1  
Taric code:

**Synonyms**

Phenylmethanamine

**Applications**

synthesis of organic products, analytical chemistry, perfumery.

**Specifications**

assay (G.C.).....	min. 99 %	density (20°/4°).....	0,982 - 0,983
identity (IR-spectrum).....	passes test	residue on ignition.....	max. 0,01 %
		water (K.F.).....	max. 0,2 %

**Physical data**

- Density: 0,98 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: 10 °C
- Boiling point: 185 °C
- Flash point: 65 °C
- Ignition temperature: ~ 390 °C
- Vapour pressure: (20 °C) 0,6 hPa
- Refraction index: (n 20 °C/D) 1,5438
- Expl. limit (upper): 14 Vol%
- Expl. limit (lower): 0,9 Vol%
- pH(100 g/l H<sub>2</sub>O, 25 °C) 11,6

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

- H314: Causes severe skin burns and eye damage.  
H302: Harmful if swallowed.  
H312: Harmful in contact with skin.

**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.  
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.  
P310: Immediately call a POISON CENTER or doctor / physician.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 8 C7 III • UN 2735 • AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.(Benzylamine)
- IMDG: 8 III • UN 2735 • AMINES, LIQUID, CORROSIVE N.O.S. (Benzylamine)
- IATA/ICAO: 8 III • UN 2735 • AMINES, LIQUID, CORROSIVE N.O.S. (Benzylamine)
- PAX: 818
- CAO: 820
- 10°C - 30°C