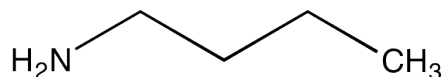


Identification

C₄H₁₁N
M = 73,14 g/mol
CAS [109-73-9]
EC number: 203-699-2
Taric code: 2921 19 80



Synonyms

1-Aminobutane

Applications

synthesis of organic products, for pharmaceuticals synthesizing, manufacture of dyes, in the rubber industry, emulsifier, insecticide, cosmetics.

Specifications

assay (G.C.).....	min. 99 %	density (20°/4°).....	0,736 - 0,738
identity (IR-spectrum).....	passes test	residue on evaporation.....	max. 0,005 %
		water (K.F.).....	max. 0,2 %

Physical data

- Density: 0,74 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -50 °C
- Boiling point: 76 - 78 °C
- Flash point: -12 °C
- Ignition temperature: 290 °C
- Vapour pressure: (20 °C) 93 hPa
- Refraction index: (n 20 °C/D) 1,4015
- Expl. limit (upper): 9,8 Vol%
- Expl. limit (lower): 1,5 Vol%
- pH(100 g/l H₂O, 20 °C) 12,6

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.
H311: Toxic in contact with skin.
H331: Toxic if inhaled.
H335: May cause respiratory irritation.



Precautionary Statements:

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
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.
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: 3 FC II • UN 1125 • n-BUTYLAMINE
- IMDG: 3 II • UN 1125 • N-BUTYLAMINE
- IATA/ICAO: 3 II • UN 1125 • N-BUTYLAMINE
- PAX: 305
- CAO: 307
- 10°C - 30°C