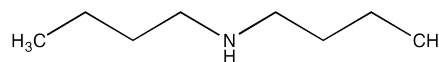


Identification

$C_8H_{19}N$
 M = 129,25 g/mol
 CAS [111-92-2]
 EC number: 203-921-8
 Taric code: 2921 19 80


Synonyms

N-Butyl-1-butanamine



Applications

analytical chemistry, chromatography, synthesis of organic products.

Specifications

assay (G.C.).....	min. 99 %	residue on evaporation.....	max. 0,005 %
identity (IR-spectrum).....	passes test	water (K.F.).....	max. 0,2 %
density (20°/4°).....	0,758 - 0,760		

Packaging
Packaging Code

1 l  DI03001000
 2,5 l  DI03002500

Physical data

- Density: 0,76 g/cm³
- Solub. in water: (25 °C): 4,05 g/l
- Melting point: -62 °C
- Boiling point: 160 - 162 °C
- Flash point: 39 °C
- Ignition temperature: 260 °C
- Vapour pressure: (20 °C) 2 hPa
- Refraction index: (n 20 °C/D) 1,4168
- Expl. limit (upper): 6,8 Vol%
- Expl. limit (lower): 0,6 Vol%
- pH(1 g/l H₂O, 20 °C) 11,1

Safety - GHS

Signal Word: Warning


Hazard Statements:

H226: 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): 189 mg/kg
- WGK: 1
- Poison class CH (Swiss): 3

Transport/storage

- ADR: 8 CF1 II • UN 2248 • DI-n-BUTYLAMINE
- IMDG: 8 II • UN 2248 • DI-N-BUTYLAMINE
- IATA/ICAO: 8 II • UN 2248 • DI-N-BUTYLAMINE
- PAX: 808
- CAO: 812
- Store between 15°C and 25°C