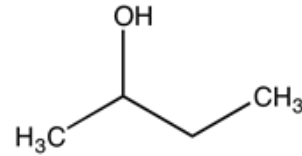


Identification

C₄H₁₀O
M = 74,12 g/mol
CAS [78-92-2]
EC number: 201-158-5
Taric code: 2905 14 90

**Synonyms**

sec-Butyl alcohol, Butyl alcohol secondary, Ethyl methyl carbinol

Applications

analytical chemistry, synthesis of organic products and perfumery.

Specifications

assay (G.C.).....	min. 99 %	density (20°/4°).....	0,806 - 0,808
identity (IR-spectrum).....	passes test	residue on evaporation.....	max. 0,005 %
		water (K.F.).....	max. 0,2 %

Physical data

- Density: 0,81 g/cm³
- Solub. in water: (20 °C): 240 - 250 g/l
- Melting point: -89 °C
- Boiling point: 98,5 - 100,5 °C
- Flash point: 24 °C
- Ignition temperature: 390 °C
- Vapour pressure: (20 °C) 16,5 hPa
- Viscosity: (20 °C) 4,21 mPas
- Dielectric const.: (20 °C) 15,8
- Saturation conc.: (20 °C) 52 g/m³
- Expl. limit (upper): 9,8 Vol%
- Expl. limit (lower): 1,4 Vol%
- pHneutro

Safety - GHS

Signal Word: Warning

Hazard Statements:

H226: Flammable liquid and vapour.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.

**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.
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 F1 III • UN 1120 • BUTANOLS
- IMDG: 3 III • UN 1120 • BUTANOLS
- IATA/ICAO: 3 III • UN 1120 • BUTANOLS
- PAX: 353
- CAO: 364
- 10°C - 30°C