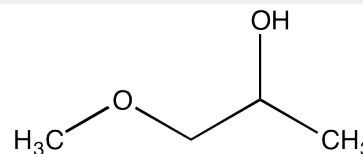


1-Methoxy-2-propanol, synthesis grade
Identification

$C_4H_{10}O_2$
 M = 90,12 g/mol
 CAS [107-98-2]
 EC number: 203-539-1
 Taric code: 2909 49 19


Synonyms

1,2-Propylene glycol 1-monomethyl ether

Applications

synthesis of organic products, laboratory reagent.

Specifications

assay (G.C.).....	min. 99 %	2-methoxy-1-propanol (G.C.).....	max. 0,5 %
identity (IR-spectrum).....	passes test	peroxides (as H ₂ O ₂).....	max. 0,005 %
density (20°/4°).....	0,920 - 0,922		

Packaging
Packaging Code

1 I ☞ ME06651000

Physical data

- Density: 0,92 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -97 °C
- Boiling point: 120 °C
- Flash point: 31 °C
- Ignition temperature: 287 °C
- Vapour pressure: (20 °C) 11,5 hPa
- Refraction index: (20 °C, 589 nm) 1,4034
- Expl. limit (upper): 13,74 Vol%
- Expl. limit (lower): 1,48 Vol%
- pH(200 g/l H₂O, 20 °C) 4 - 7
- Hygroscopic

Safety - GHS

Signal Word: Warning


Hazard Statements:

H226: Flammable liquid and vapour.
 H336: May cause drowsiness or dizziness.

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.
 P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
 P405: Store locked up.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- LD 50 (oral, rat): 6000 mg/kg
- MAK: 100 ml/m³, 370 mg/m³
- WGK: 1
- Poison class CH (Swiss): F

Transport/storage

- ADR: 3 F1 III • UN 3092 • 1-METHOXY-2-PROPANOL
- IMDG: 3 III • UN 3092 • 1-METHOXY-2-PROPANOL
- IATA/ICAO: 3 III • UN 3092 • 1-METHOXY-2-PROPANOL
- PAX: 309
- CAO: 310
- Store between 15°C and 25°C