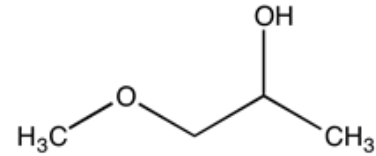


1-Methoxy-2-propanol, EssentQ®**Identification**

C₄H₁₀O₂
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 %
identity (IR-spectrum)..... passes test

density (20°/4°)..... 0,920 - 0,922
2-methoxy-1-propanol (G.C.)..... max. 0,5 %
peroxides (as H₂O₂)..... max. 0,005 %

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.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
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 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
- 10°C - 30°C