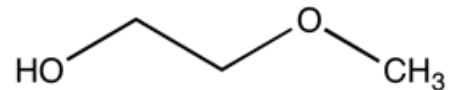


Identification

C₃H₈O₂
M = 76,10 g/mol
CAS [109-86-4]
EC number: 203-713-7
Taric code: 2909 42 00

**Synonyms**

2-Methoxyethanol, Methyl glycol, Methyl cellosolve

Applications

analytical chemistry, synthesis of organic products, manufacturing of synthetic resins, manufacture of dyes, for the analysis of: aminoacids.

Specifications

assay (G.C.).....	min. 99 %	peroxides (as H ₂ O ₂).....	max. 0,005 %
identity (IR-spectrum).....	passes test	residue on evaporation.....	max. 0,005 %
density (20°/4°).....	0,964 - 0,968	water (K.F.).....	max. 0,2 %

Physical data

- Density: 0,96 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -85 °C
- Boiling point: 124,5 °C
- Flash point: 38 °C
- Ignition temperature: 285 °C
- Vapour pressure: (20 °C) 11 hPa
- Refraction index: (n 20 °C/D) 1,4021
- Dielectric const.: (20 °C) 15,4
- Evap. heat: (125 °C) 557 KJ/kg
- Saturation conc.: (20 °C) 33 g/m³
- Expl. limit (upper): 20 Vol%
- Expl. limit (lower): 2,5 Vol%

Safety - GHS

Signal Word: Danger

Hazard Statements:

H360FD: May damage fertility. May damage the unborn child.
H226: Flammable liquid and vapour.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H332: Harmful if inhaled.
H370: Causes damage to organs.

**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 1188 • ETHYLENE GLYCOL MONOMETHYL ETHER
- IMDG: 3 III • UN 1188 • ETHYLENE GLYCOL MONOMETHYL ETHER
- IATA/ICAO: 3 III • UN 1188 • ETHYLENE GLYCOL MONOMETHYL ETHER
- PAX: 309
- CAO: 310
- 10°C - 30°C