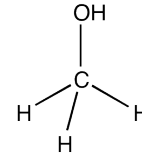


Identification

CH₃OH
M = 32,04 g/mol
CAS [67-56-1]
EC number: 200-659-6
Taric code: 2905 11 00

**Synonyms**

Methyl alcohol, Carbinol, Methynol, Wood alcohol




Applications

solvents, synthesis of organic products, in antifreeze compositions, solvent for animal and vegetable oils extractions.

Specifications

| | | |
|-----------------------------|---------------|---|
| assay (G.C.)..... | min. 99,9 % | Suitable for organohalogenated |
| identity (IR-spectrum)..... | passes test | pesticide and dioxins, furans and PCBs |
| density (20°/4°)..... | 0,790 - 0,792 | residue analysis. |
| residue on evaporation..... | max. 0,0001 % | ECD, from 1,2,4-trichlorobenzene to |
| water (K.F.)..... | max. 0,03 % | decachlorobiphenyl, no peaks are |
| | | obtained greater than 3 pg/ml as lindane. |
| | | No peaks are obtained in vicinity of |
| | | 2,4,5-trichlorobiphenyl. |

Packaging**Packaging Code**

1 l  ME03181000
2,5 l  ME03182500
4 l  ME03184000

Physical data

- Density: 0,79 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -98 °C
- Boiling point: 64,5 °C
- Flash point: 11 °C
- Ignition temperature: 455 °C
- Vapour pressure: (20 °C) 128 hPa
- Refraction index: (n 20 °C/D) 1,3288
- Viscosity: (20 °C) 0,52 mPas
- Dipolar moment: (20 °C) 1,7 Debye
- Dielectric const.: (25 °C) 32,6
- Evap. heat: (65 °C) 1100 KJ/kg
- Saturation conc.: (20 °C) 166 g/m³
- Expl. limit (upper): 44 Vol%
- Expl. limit (lower): < 5,5 Vol%
- Hygroscopic

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapour.
H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H331: Toxic 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.
P361: Remove / Take off immediately all contaminated clothing.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- LD 50 (oral, rat): 5628 mg/kg
- MAK: 200 ml/m³, 270 mg/m³
- WGK: 1
- Poison class CH (Swiss): 3

Transport/storage

- ADR: 3 FT1 II • UN 1230 • METHANOL
- IMDG: 3 II • UN 1230 • METHANOL
- IATA/ICAO: 3 II • UN 1230 • METHANOL
- PAX: 305
- CAO: 307
- Store between 15°C and 25°C