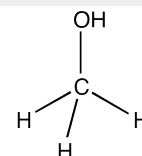


Identification

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 highly volatile halogenated hydrocarbons trace analysis.
identity (IR-spectrum).....	passes test	ECD, from dichloromethane to 1,2,4-trichlorobenzene, no peaks are obtained greater than 1 ng/ml as tetrachloromethane.
density (20°/4°).....	0,790 - 0,792	
residue on evaporation.....	max. 0,0001 %	
water (K.F.).....	max. 0,03 %	

Suitable for organohalogenated pesticide and dioxins, furans and PCBs residue analysis.
 ECD, from 1,2,4-trichlorobenzene to decachlorobiphenyl, no peaks are obtained greater than 3 pg/ml as lindane. No peaks are obtained in vicinity of 2,4,5-trichlorobiphenyl.

Suitable for pesticide and polycyclic aromatic hydrocarbons residue analysis. FID, from 1-decanol to 1-tetradecanol, no peaks are obtained greater than 5 ng/ml as 1-tetradecanol. No peaks are obtained in vicinity of pyrene.

Packaging
Packaging Code

1 l  ME03191000
 2,5 l  ME03192500

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