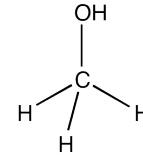


Identification

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 %	gradient grade (235 nm)	
identity (IR-spectrum).....	passes test	maximum background absorbance:	0,015 AU
density (20°/4°).....	0,790 - 0,792	maximum peak absorbance:	0,0015 AU
acidity.....	max. 0,0002 meq/g		
alkalinity.....	max. 0,0002 meq/g	fluorescence analysis:	
residue on evaporation.....	max. 0,0001 %	maximum absorbance: 1 ppb as quinine	
water (K.F.).....	max. 0,02 %	(in 0,1 N sulfuric acid), for the spectra	
		recorded at the following conditions:	
min. transmission/max. absorbance		EX wavelength between 220 and 450	
in a 1,0 cm cell at		EM wavelength between 250 and 550	
wavelength:	T(%) A (AU)		
215 nm.....	50 % 0,301 AU	Microfiltered through membranes	
240 nm.....	90 % 0,046 AU	of pore diameter 0,22 µm	
260 nm.....	98 % 0,010 AU		

Packaging
Packaging Code

- 1 l  ME03061000
- 2,5 l  ME03062500
- 4 l  ME03064000
- 7 l  ME0306007E
- 25 l  ME0306025S
- 30 l  ME0306030S
- 100 l  ME0306100S
- 185 l  ME0306185E

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