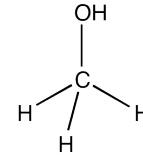


Identification

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 %	min. transmission/max. absorbance	
identity (IR-spectrum).....	passes test	in a 1,0 cm cell at	
density (20°/4°).....	0,790 - 0,792	wavelength:	T(%) A (AU)
acidity.....	max. 0,0002 meq/g	205 nm.....	20 % 0,699 AU
aluminium (Al).....	max. 0,00005 %	220 nm.....	60 % 0,222 AU
barium (Ba).....	max. 0,00001 %	240 nm.....	90 % 0,046 AU
alkalinity.....	max. 0,0002 meq/g	260 nm.....	98 % 0,009 AU
cadmium (Cd).....	max. 0,000005 %		
calcium (Ca).....	max. 0,00001 %	gradient grade (235 nm)	
chromium (Cr).....	max. 0,000002 %	maximum peak absorbance:	0,001 AU
cobalt (Co).....	max. 0,000002 %	gradient grade (254 nm)	
copper (Cu).....	max. 0,000001 %	maximum peak absorbance:	0,0002 AU
iron (Fe).....	max. 0,00001 %		
lead (Pb).....	max. 0,000002 %	Microfiltered through membranes	
magnesium (Mg).....	max. 0,00001 %	of pore diameter 0,22 µm	
manganese (Mn).....	max. 0,000001 %		
nickel (Ni).....	max. 0,000002 %		
potassium (K).....	max. 0,00001 %		
silver (Ag).....	max. 0,00001 %		
sodium (Na).....	max. 0,00001 %		
tin (Sn).....	max. 0,00001 %		
zinc (Zn).....	max. 0,00001 %		
residue on evaporation.....	max. 0,0005 %		
water (K.F.).....	max. 0,02 %		
suitability for use in LC-MS.....	passes test		

Packaging
Packaging Code

1 | 0 4

1 | 0 ME03262500

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