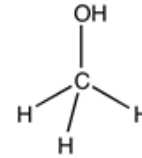


Identification

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, in pharma industry.

Specifications

assay (G.C.).....	min. 99,5 %	substances darkened by H ₂ SO ₄	passes test
refractive index n ₂₀ /D.....	1,328 - 1,330	Related substances:passes test	
identification.....	passes test	any impurity.....	max. 0,1 %
appearance.....	clear and colourless	total.....	max. 0,3 %
density (20°/20°).....	0,791 - 0,793	residue on evaporation.....	max. 10 ppm
acidity or alkalinity.....	passes test	water (K.F.).....	max. 0,10 %
acidity.....	passes test	max. absorbance in a 1,0 cm cell at	
Alkalinity (as NH ₃).....	max. 3 ppm	wavelength:.....	A (AU)
aldehydes and ketones (as C ₂ H ₅ CHO).....	max. 0,003 %	290 nm.....	0,01 AU
benzene.....	max. 2 ppm	270 nm.....	0,02 AU
readily oxidisable substances.....	passes test	250 nm.....	0,05 AU
		230 nm.....	0,15 AU

Physical data

- Density: 0,792 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -98 °C
- Boiling point: 65 °C
- Flash point: 10 °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%
- pH7
- 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.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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.



ME0301

Technical Data Sheet

Methanol, Pharmpur®, Ph Eur, BP, NF

Transport/storage

- ADR: 3 FT1 II • UN 1230 • METHANOL
- IMDG: 3 II • UN 1230 • METHANOL
- IATA/ICAO: 3 II • UN 1230 • METHANOL
- PAX: 352
- CAO: 364
- 10°C - 30°C