

# Methanol

Grade: USP

CH<sub>3</sub>OH

M=32.04 g/mol

1L=0.79 kg

## Specification

assay (GC)..... ≥99.5%  
Identity (IR)..... conforms  
Appearance ..... conforms  
Refractive index.....1.328-1.330  
Evaporation residue ..... ≤0.001%  
Acidity or alkalinity..... conforms  
Water.....≤0.1%

## Technical data

- CAS-No.67-56-1
- EC -No.200-659-6
- Vapour pressure 128 hPa(20°C)
- Spec. density 0.79 g/cm<sup>3</sup>(20°C)
- Explosive limit 5.5-36.5 Vol %
- Flash point 11°C c.c.
- Solub.in water (20°C) soluble
- Ignition temp . 455°C
- Highly flammable , toxic
- R 11-23/24/25-39/23/24/25
- S 2-7-16-24-36/37-45
- RTECS PC 1400000
- Poison class(CH)3
- WGK1
- LD 50 oral rat 5629 mg/kg
- LDLo oral human 143 mg/kg
- EC-Index-No.603-001-00-X
- HS-No.2905 11 00
- LGK 3 A
- Pack.-cat.A
- Disposal 1
- Road/Rail 3/FT 1 II
- IMDG-Code 3/ II UN 1230
- IATA-DGR UN 1230 CAO 307 PAX 305
- Merckblatt BG Chemie Nr.M017,M051
- Beilstein 1,273,I 131,II 252,III 1147,IV 1127
- Kühn-Birett M010
- Merck FT-IR 33
- Merck- index 10, 5816
- SAX 6, 1754

## Guidelines of usage & storage

- Highly flammable.
- Toxic by inhalation , in contact with skin and if swallowed.
- Toxic: danger of very serious irreversible effects through inhalation. In contact with skin and if swallowed
- Keep away from food and drink.
- Keep container tightly closed.
- Keep away from source of ignition-no smoking.
- Wear suitable protective clothing, gloves .
- Keep out of reach of children.
- Avoid contact with skin.

## Symbol



## Packaging

### Glass Bottles

1 Liter  
2.5 Liter

### Plastic Bottles

1 Liter  
2.5 Liter

### Plastic Gallon

5 Liter  
10 Liter  
20 Liter

Bulk  
Inquire