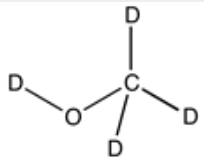
# ME0312

**Methanol-d4**, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®

## Identification

$CD_3OD$
M = 36,07 g/mol
CAS [811-98-3]
EC number: 212-378-6
Taric code: 2845 90 10




## Synonyms

Tetradeuteromethanol

## Applications

for nuclear magnetic resonance spectroscopy.

## Specifications

deuteration degree..... min. 99,8 %
water (K.F., H2O + D2O)..... max. 0,03 %
performance test (NMR-spectrum)..... passes test

## Physical data

- Density: 0,89 g/cm3
- Solub. in water: (20 ºC): miscible
- Melting point: -99 ºC
- Boiling point: 65 ºC
- Flash point: 11 ºC
- Ignition temperature: 455 ºC
- Expl. limit (upper): 31 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.
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.

## 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
- 10°C - 30°C