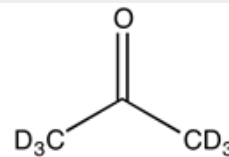


Acetone-d₆, deuteration degree min. 99,8%, NMR spectroscopy grade,
Spectrosol[®]**Identification**

C₃D₆O
M = 64,12 g/mol
CAS [666-52-4]
EC number: 211-563-9
Taric code: 2845 90 10

**Synonyms**

Hexadeuteroacetone

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: 0,87 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -95,4 °C
- Boiling point: 56 °C
- Flash point: < -20 °C
- Ignition temperature: 540 °C
- Vapour pressure: (20 °C) 233 hPa
- Viscosity: (22 °C) 0,34 mPas
- Dielectric const.: (25 °C) 20,7
- Expl. limit (upper): 13 Vol%
- Expl. limit (lower): 2,6 Vol%
- pH(395 g/l H₂O, 20 °C) 5 - 6

Safety - GHS

Signal Word: Danger

Hazard Statements:

- H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
EUH066: Repeated exposure may cause skin dryness or cracking.

**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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 F1 II • UN 1090 • ACETONE
- IMDG: 3 II • UN 1090 • ACETONE
- IATA/ICAO: 3 II • UN 1090 • ACETONE
- PAX: 305
- CAO: 307
- 2°C - 8°C