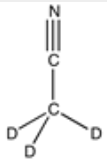
AC0332

Acetonitrile-d3, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®

Identification

CD_3CN
M = 44,05 g/mol
CAS [2206-26-0]
EC number: 218-616-5
Taric code: 2845 90 10



Synonyms

Trideuteroacetonitrile

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: 0,84 g/cm3
- Solub. in water: (20 ºC): miscible
- Melting point: -46 ºC
- Boiling point: 79 ºC
- Flash point: 5 ºC
- Ignition temperature: 525 ºC
- Vapour pressure: (20 ºC) 97 hPa
- Viscosity: (20 ºC) 0,39 mPas
- Expl. limit (upper): 16 Vol%
- Expl. limit (lower): 3 Vol%

Safety - GHS

Signal Word: Danger

Hazard Statements:

H225: Highly flammable liquid and vapour.
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H332: Harmful if inhaled.
H319: Causes serious eye irritation.

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.
P403+P235: Store in a well-ventilated place. Keep cool.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 3 F1 II • UN 1648 • ACETONITRILE
- IMDG: 3 II • UN 1648 • ACETONITRILE
- IATA/ICAO: 3 II • UN 1648 • ACETONITRILE
- PAX: 305
- CAO: 307
- 10°C - 30°C