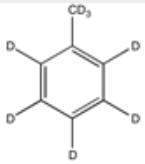
Toluene-d8, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol®

Identification

C_7D_8
M = 100,19 g/mol
CAS [2037-26-5]
EC number: 218-009-5
Taric code: 2845 90 10



Synonyms

Methylbenzene deuterated

Applications

for nuclear magnetic resonance spectroscopy.

Specifications

deuteration degree..... min. 99,5 %
water (K.F., H2O + D2O)..... max. 0,02 %
performance test (NMR-spectrum)..... passes test

Physical data

- Density: 0,94 g/cm3
- Solub. in water: (20 ºC): non-miscible
- Melting point: -85 ºC
- Boiling point: 109 ºC
- Flash point: 4 ºC
- Ignition temperature: 535 ºC
- Expl. limit (upper): 7,0 Vol%
- Expl. limit (lower): 1,2 Vol%

Safety - GHS

Signal Word: Danger

Hazard Statements:

H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H361d: Suspected of damaging the unborn child.
H373: May cause damage to organs through prolonged or repeated exposure.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.

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.

Transport/storage

- ADR: 3 F1 II • UN 1294 • TOLUENE
- IMDG: 3 II • UN 1294 • TOLUENE
- IATA/ICAO: 3 II • UN 1294 • TOLUENE
- PAX: 305
- CAO: 307
- 15°C - 25°C