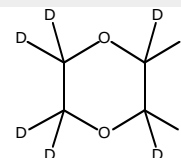


1,4-Dioxane-d8, deuteration degree min. 99%, NMR spectroscopy grade, Spectrosol®
Identification

C4D8O2
M = 96,16 g/mol
CAS [17647-74-4]
EC number: 241-628-7
Taric code: 2845 90 10


Synonyms

Octadeuterodioxane

Applications

for nuclear magnetic resonance spectroscopy.

Specifications

deuteration degree.....	min. 99 %	performance test (NMR-spectrum).....	passes test
water (K.F., H2O + D2O).....	max. 0,1 %		

Packaging
Packaging Code

10x0,75 l DI1295.750
5 ml DI12950005
10 ml DI12950010

Physical data

- Density: 1,13 g/cm3
- Solub. in water (20 °C): miscible
- Melting point: 11 °C
- Boiling point: 100 °C
- Flash point: 12 °C
- Ignition temp.: ~ 300 °C
- Expl. limit (upper): 22,5 Vol%
- Expl. limit (lower): 1,9 Vol%

Safety - GHS

Signal Word: Danger

Hazard Statements

H225: Highly flammable liquid and vapour.
H351: Suspected of causing cancer.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
EUH019: May form explosive peroxides.


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.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405: Store locked up.
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.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405: Store locked up.

Safety - DSD/DPD

- Hazard symbols: F (Highly flammable). Xn (Harmful)
- EC Index no.: 603-024-00-5



Highly flammable



Harmful

R Sentences

11: Highly flammable.
19: May form explosive peroxides.
36/37: Irritating to eyes and respiratory system.
40: Limited evidence of a carcinogenic effect.
66: Repeated exposure may cause skin dryness or cracking.

S Sentences

16: Keep away from sources of ignition - No Smoking.
36/37: Wear suitable protective clothing and gloves.



DI1295

Technical Data Sheet

1,4-Dioxane-d8, deuteration degree min. 99%, NMR spectroscopy grade, Spectrosol®

Toxicological data

- MAK: 20 ml/m³ , 73 mg/m³
- WGK: 2
- Poison class CH (Swiss): 4

Transport/storage

- ADR: 3 F1 II • UN 1165 • DIOXANE
- IMDG: 3 II • UN 1165 • DIOXANE
- IATA/ICAO: 3 II • UN 1165 • DIOXANE
- PAX: 305
- CAO: 307
- Store between 15°C and 25°C