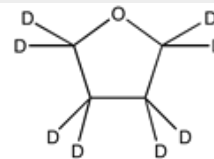


**Tetrahydrofuran-d8**, deuteration degree min. 99,5%, NMR spectroscopy grade, Spectrosol®**Identification**

C<sub>4</sub>D<sub>8</sub>O  
M = 80,16 g/mol  
CAS [1693-74-9]  
EC number: 216-898-4  
Taric code: 2845 90 10

**Synonyms**

Octadeuterotetrahydrofurane

**Applications**

for nuclear magnetic resonance spectroscopy.

**Specifications**

deuteration degree..... min. 99,5 %

water (K.F., H<sub>2</sub>O + D<sub>2</sub>O)..... max. 0,05 %  
performance test (NMR-spectrum)..... passes test

**Physical data**

- Density: 0,99 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: -108 °C
- Boiling point: 64 °C
- Flash point: -18 °C

**Safety - GHS**

Signal Word: Danger

**Hazard Statements:**

- H225: Highly flammable liquid and vapour.  
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.  
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 2056 • TETRAHYDROFURAN
- IMDG: 3 II • UN 2056 • TETRAHYDROFURAN
- IATA/ICAO: 3 II • UN 2056 • TETRAHYDROFURAN
- PAX: 305
- CAO: 307
- 10°C - 30°C