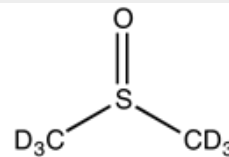


**Dimethyl sulfoxide-d<sub>6</sub>**, deuteration degree min. 99,8%, NMR spectroscopy grade, Spectrosol®**Identification**

C<sub>2</sub>D<sub>6</sub>OS  
M = 84,17 g/mol  
CAS [2206-27-1]  
EC number: 218-617-0  
Taric code: 2845 90 10

**Synonyms**

Methylsulfoxide deuterated, DMSO deuterated, Hexadeuterodimethyl sulfoxide

**Applications**

for nuclear magnetic resonance spectroscopy.

**Specifications**

deuteration degree..... min. 99,8 %	water (K.F., H <sub>2</sub> O + D <sub>2</sub> O)..... max. 0,03 %
	performance test (NMR-spectrum)..... passes test

**Physical data**

- Density: 1,19 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Melting point: 20,2 °C
- Boiling point: 190 °C
- Flash point: 88 °C
- Ignition temperature: 270 °C
- Vapour pressure: (20 °C) 2,5 hPa
- Refraction index: (20 °C) 1,48
- Saturation conc.: (20 °C) 8,0 g/m<sup>3</sup>
- Expl. limit (upper): 63,0 Vol%
- Expl. limit (lower): 1,8 Vol%
- Hygroscopic

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

H315: Causes skin irritation.  
H319: Causes serious eye irritation.

**Precautionary Statements:**

P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P264: Wash thoroughly after handling.  
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321: Specific treatment (see on this label).  
P332+P313: If skin irritation occurs: Get medical advice / attention.  
P337+P313: If eye irritation persists: Get medical advice / attention.

**Transport/storage**

- 2°C - 8°C