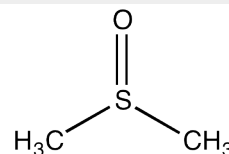


Identification

C₂H₆OS
 M = 78,13 g/mol
 CAS [67-68-5]
 EC number: 200-664-3
 Taric code: 2930 90 99


Synonyms

DMSO, Sulfinyl bis(methane), Methylsulfoxide, Methylsulfinylmethane






Applications

analytical chemistry, solvents, synthesis of organic products, in pharma industry.

Specifications

assay (G.C.).....	min. 99,9 %	max. absorbance in a 1,0 cm cell at	
identification.....	passes test	wavelength:	A (AU)
density (20°/20°).....	1,100 - 1,104	275 nm.....	0,20
density (25°/25°).....	1,095 - 1,101	285 nm.....	0,20
refractive index n ₂₅ /D.....	1,4755 - 1,4775	295 nm.....	0,20
refractive index n ₂₀ /D.....	1,4750 - 1,4790		
acidity.....	passes test	absorbance ratio 285/275 nm.....	max. 0,65
related substances.....	passes test	absorbance ratio 295/275 nm.....	max. 0,45
residue on evaporation.....	max. 0,01 %		
water (K.F.).....	max. 0,2 %	Residual solvents are analysed	
		according to guideline	
		CPMP/ICH/283/95.	

Packaging
Packaging Code

1 l  SU01511000
 2,5 l  SU01512500
 5 l  SU0151005P
 25 l  SU0151025A
 200 l  SU0151025A

Physical data

- Density: 1,10 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 18,5 °C
- Boiling point: (33 hPa) 85 - 87 °C
- Flash point: 95 °C
- Ignition temperature: 300 - 302 °C
- Vapour pressure: (20 °C) 0,6 hPa
- Refraction index: (n 20 °C/D) 1,48
- Viscosity: (25 °C) 1,98 mPas
- Saturation conc.: (20 °C) 8,0 g/m³
- 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.
 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).
 P362: Take off contaminated clothing and wash before reuse.
 P332+P313: If skin irritation occurs: Get medical advice / attention.
 P337+P313: If eye irritation persists: Get medical advice / attention.

Toxicological data

- LD 50 (oral, rat): 14500 mg/kg
- WGK: 1
- Poison class CH (Swiss): F