

Technical Data Sheet



AMT116743 Dimethyl sulfoxide extra pure

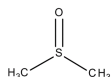
TATexsolve®

General product Information:

Synonyms Methanesulfinylmethane, Methyl sulfoxide, Dimethyl(oxido)sulfur, DMSO
Overview TATexsolve® is our low-cost alternative to high-purity qualities. With TATexsolve® we offer a range of solvents for a plurality of basic applications in non-regulated industries and for less demanding applications, preparative laboratory work and cleaning purposes. TATexsolve® solvents provide adequate specifications with the most important parameters.

CAS number 67-68-5
EC number 200-664-3
Hill Formula C₂H₆OS
Chemical formula (CH₃)₂SO
Molar Mass 78.13 g/mol
HS Code 2930 90 99

Structure formula
Image



Chemical/Physical Data:

Boiling point 189 °C (1013 hPa)
Density 1.10 g/cm³ (20 °C)
Explosion limit 1.8 - 63.0 %(V)
Flash point 87 °C
Ignition temperature 300 - 302 °C
Melting Point 18.4 °C
Saturation concentration (air) 8.0 g/m³ (20 °C)
Vapor pressure 0.6 hPa (20 °C)
Viscosity kinematic 2.14 mm²/s
Refractive Index 1.48 (20 °C)
Solubility 1000 g/l (20 °C)

Toxicological Data:

LD 50 oral LD50 Rat 28300 mg/kg
LD 50 dermal LD50 Rat 40000 mg/kg

Packaging Information:

Order Number	Package	Packaging
AMT116743.1000	1 L	Glass Bottle
AMT116743.2500	2.5 L	Glass Bottle
AMT116743.4000	4 L	Glass Bottle