

Product Description-TDS

Product Name:Dimethyl sulfoxide

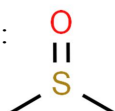
Product Information

CAS No:67-68-5

Molecular Formula:C₂H₆O_S

Molecular Weight : 78.13

Molecular Structure:



Other Items :



Items	Requirements
Appearance	Colorless liquid
Assay	≥99.90%
Freezing point	≥18.1°C
Water	≤1000ppm
Acid value (KOH mg/g)	≤0.03
Light transmittance (400nm)	≥99.60%
Refractive index (20°C)	1.4775~1.4790
Specific gravity	≥1.093

Package:

225kg/plastic drum

Application:

DMSO is widely used as solvents and reaction reagents, especially in acrylonitrile polymerization reactions as processing solvents and drawing solvents, in polyurethane synthesis and drawing solvents, in polyamide, polyimide and polysulfone resin synthesis solvents, as well as aromatics, butadiene extraction solvents, and synthesis solvents for chlorofluoroaniline.

DMSO is dimethyl sulfoxide, which is widely used. It is used as a solvent for acetylene, aromatics, sulfur dioxide, and other gases as well as a solvent for spinning acrylic fiber. It is an extremely important nonprotonic polar solvent that is soluble in water and organic solvents. It has strong permeability to the skin and helps the penetration of drugs into the

body. It can also be used as an additive for pesticides. It is also a very important chemical reagent.

DMSO is also an osmoprotective agent that lowers the cell freezing point, reduces the formation of ice crystals, mitigates free radical damage to cells, and alters the permeability of biological membranes to electrolytes, drugs, toxicants, and metabolites.

Storage:

Store in tightly closed containers, cool and dry. Protect from heat, oxygen and light.

