



Specialized in chemicals

Technical Data Sheet

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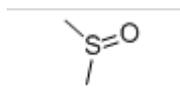
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Dimethyl Sulfoxide

Product Information

Chemical Name	Dimethyl Sulfoxide
CAS #	67-68-5
Formula	(CH ₃) ₂ SO
Molecular Weight	78.13
Synonyms	Dimethyl sulphoxide, methyl sulfoxide, sulfinylbis [methane]
Chemical Structure	



Description

Colorless and transparent liquid, with boiling point 189°C and flash point 89°C,
Souble in water,ethanol,propanol,ethyl ether,benzene,and chloroform, etc, most of the organic matter.
It is known as the "universal solvent".

Physical Properties

Specific Gravity d 20/4 (20°C/68°F):	1.104
Boiling Point (760 mm Hg):	189°C
Viscosity (20°C/68°F):	2.14 cP
Refractive Index n 20/D:	1.4785

Specification

Item	Specification
Apperance	Colorless liquid
Assay, % min.	≥ 99.8
Water, % max.	≤ 0.20
Acid Value,mg KOH/g)	≤ 0.03

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

- 1).As an organic solvent in the manufacture of pesticides, dyes, fine chemicals, resins, plastics and pharmaceutical intermediates.
- 2).In the extraction of aromatic hydrocarbon, acrylic fiber production macromolecule polymerization, gas absorption extraction of rare metals.
- 3).It is also known for its curative properties.
- 4).It can reduce inflammation, relieve pain, and carry drugs to the skin to a target area.

Packaging

230kg per plastic drum.
18.4mt per 20ft container

Storage & Handling

Keep away from sources of ignition. No Smoking. Do not breathe vapor or mist. Avoid contact with skin, eyes, or clothing. Keep container tightly closed, in a well-ventilated place. Freezes (solidifies) at 18C.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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