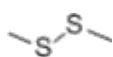


## Technical Data Sheet

### Basic information

Chemical name	Dimethyl disulfide(DMDS)	Formula	C2H6S2
Synonyms	DMDS	Chemical structure	
CAS.No.	624-92-0		
EINECS No.	210-871-0		
Molecular weight	94.2		

### Physical properties

Appearance	Clear liquid
Density,20 °C, g/cm <sup>3</sup>	1.0625
Boiling point, °C	109
Melting point, °C	-85
Flash point, °F	16
Refractive index	1.525
Solubility	<0.1 g/100 mL at 20 °C

### Specification

Items	Specification
Appearance	Clear liquid
Purity,%	≥99.5
Color(APHA)	≤120
Sulphur Content(% wt)	67.5~68.1
Water content(ppm)	≤600
Methyl Mercaptan(ppm)	≤500
Density(20/4°C)	1.060~1.065

### Application

- Industrially, DMDS is used in oil refineries as a sulfiding agent.
- DMDS is also an effective soil fumigant in agriculture, registered in many states in the U.S. as well as globally.
- DMDS could be used as an inhibitor in cracking coking of petrochemicals, and solvent, intermediate of pesticides;
- In oil refining industry, widely used as activator in preliminary vulcanization procedure of catalyzers used in certain products (including naphtha, gasoline, kerosene, diesel soil) hydrodesulfurization and hydrocracking process.

### Package

- 200kg/drum, 16mt per 20'ft, 24mt/40'FCL

### **Safety on transportation**

It belongs to the class 3 dangerous product, always refer to MSDS.

### **Storage and handling**

Keep tightly closed, store in a cool dry place.

Recommended to retest one year basis.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

*The information above is believed to be accurate and represents the best information currently available to us. However, In no event shall we be liable for any claims, losses, or damages of any third party resulting from its use.*

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