

Dimethyl Disulfide *Evolution*®



1. IDENTIFICATION

CHEMICAL NAME: Dimethyl disulphide - Evolution

CHEMICAL FORMULA: C₂H₆S₂

CAS No.: 624-92-0

EINECS No.: 210-871-0

2. FEATURES

CHEMICAL COMPOSITION	
Dimethyl disulphide (Wt %)	≥ 99.0
Appearance	Clear liquid
Methyl mercaptan (ppm)	≤ 500
Dimethyl sulphide (Wt %)	≤ 0.01
Cloud point (°C)	≤ -5

PROPERTIES	
Form	Liquid
Density at 20°C	1.06
Average weight, Pounds Per Gallon at 60°F	8.94
Vapour pressure at 25°C	38 mbar
Boiling point at 760 mm/Hg (°C)	108.5
Melting point (°C)	-84.7
Flash Point (Closed Cup) (°C)	15
Decomposition Temperature (°C)	390
Solubility	DMDS Evolution is slightly soluble in water (2500 ppm at 20 °C). It is totally soluble in alcohols, ethers, and aliphatic and aromatic hydrocarbons.
Fragrance	1.0% m % Max.

The decomposition temperature of DMDS-E in the presence of a hydrotreating catalyst is 390°F.

Thermal decomposition of DMDS in the absence of a catalyst occurs at over 1100°F.

3. PRESENTATION

Drums 200 kg.