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Typical Product Specifications & Properties

Dimethyl Sulfide

CAS Number: : 75-18-3

Specifications	Limits
Density	0.8458
Auto/Self Ignition Temperature	temp. 206 c
Assay	99.00 to 100.00 %
Specific gravity	0.84200 to 0.84700 @ 25.00 °C
Refractive Index	1.43100 to 1.44100 @ 20.00 °C
Melting Point	-98.00 °C. @ 760.00 mm Hg
Boiling Point	109.00 °C. @ 760.00 mm Hg
Vapor Density	2.1
logP (o/w)	0.89
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light
Odor Type	sulfurous
Appearance	colorless to pale yellow clear liquid



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Specifications	Limits
Shelf Life	12 month(s) or longer if stored properly
Pounds/Gallon	7.006 to 7.048
Taste	Sulfurous, vegetative tomato, corn, asparagus with a dairy creaminess and slight minty afternote
Vapor Pressure	647.000000 mm/Hg @ 25.00 °C
Flash Point	-34.00 °F.TCC
Odor	Sulfurous, dimethyl sulfide, creamy, tomato, fishy, scallop, berry fruity and vegetative nuances
Insolubility	in water
Molecular weight	62.14
Color	colorless to straw-colored liquid
Solubility	alcohol, ether, oxygenated solvs.
Chemical Structure	



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