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## Typical Product Specifications & Properties

# ethyl mercaptan

CAS Number: : 75-08-1

Specifications	Limits
Slightly Soluble	in water
Appearance	colorless to yellow clear liquid
Assay	98.00 to 100.00 %
Specific gravity	0.83300 to 0.83900 @ 25.00 °C
Pounds/Gallon	6.931 to 6.981
Storage	refrigerate in tightly sealed containers
Vapor Density	2.1
Shelf Life	12 month(s) or longer if stored properly
Vapor Pressure	537.074000 mm/Hg @ 25.00 °C
Flash Point	1.00 °F.TCC
logP (o/w)	1.44
Refractive Index	1.42500 to 1.43100 @ 20.00 °C



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Specifications	Limits
Boiling Point	34.00 to 37.00 °C. @ 760.00 mm Hg
Odor	sulfurous fruity
pH	5.8 (0.1 m aq. soln.)
Melting Point	-144.4 c
Molecular weight	62.13
Color	colorless liquid
Solubility	acetone, ethanol, diethyl ether, petrol. naphtha, dil. alkali, oxygenated solvs.
Chemical Structure	 



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