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Typical Product Specifications & Properties

methyl mercaptan

CAS Number: : 74-93-1

Specifications	Limits
Density	0.87 (20 c)
Slightly Soluble	in water
Appearance	colorless gas or liquid <6 C
Assay	98.00 to 100.00 %
Specific gravity	0.86200 to 0.89400 @ 5.80 °C
Melting Point	-123.00 to -121.00 °C. @ 760.00 mm Hg
Boiling Point	6.10 to 6.20 °C. @ 727.00 mm Hg
Boiling Point	5.90 to 6.00 °C. @ 760.00 mm Hg
Vapor Density	1.66
Molecular weight	48.11
Color	water-white liquid (below b.p.) or colorless gas
Solubility	alcohol, ether, petrol. naphtha, oxygenated solvs.




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Specifications	Limits
Chemical Structure	 <p>parchem fine & specialty chemicals</p>
Flash Point	70.00 °F.TCC
logP (o/w)	0.72
Odor Type	sulfurous
Odor	Vegetable oil, alliaceous, eggy, creamy with savory nuances
Taste	Sulfurous, alliaceous, creamy with a surface-ripened cbeese topnote and a clean savory meaty depth
Vapor Pressure	1900.000000 mm/Hg @ 25.00 °C
Pounds/Gallon	7.173 to 7.439
Refractive Index	1.43000 to 1.43600 @ 5.80 °C



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