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## Typical Product Specifications & Properties

# dodecyl mercaptan

CAS Number: : 112-55-0

Specifications	Limits
Density	0.849 (15.515.5 c)
Pounds/Gallon	7.014 to 7.098
Boiling Point	142.00 to 143.00 °C. @ 16.00 mm Hg
Vapor Pressure	0.008530 mm/Hg @ 25.00 °C
Vapor Density	6.9
Odor	mild skunk
Appearance	colorless to yellow clear liquid
Molecular weight	202.44
Solubility	ether, alcohol
Flash Point	248.00 °F.TCC
logP (o/w)	6.18
Odor Type	sulfurous




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Specifications	Limits
Assay	95.00 to 100.00 %
Specific gravity	0.84200 to 0.85200 @ 20.00 °C
Refractive Index	1.45400 to 1.46400 @ 20.00 °C
Melting Point	-7.00 °C. @ 760.00 mm Hg
Chemical Structure	 <p>parchem fine &amp; specialty chemicals</p>
Insolubility	in water



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