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Typical Product Specifications & Properties

allyl disulfide

CAS Number: : 2179-57-9

Specifications	Limits
Density	1.008
Appearance	pale yellow clear liquid
Assay	80.00 to 100.00 %
Specific gravity	0.99800 to 1.01500 @ 20.00 °C
Pounds/Gallon	8.314 to 8.456
Refractive Index	1.53700 to 1.55100 @ 20.00 °C
Boiling Point	138.00 to 139.00 °C. @ 760.00 mm Hg
Boiling Point	79.00 °C. @ 16.00 mm Hg
Vapor Pressure	1.000000 mm/Hg @ 20.00 °C
Flash Point	121.00 °F.TCC
logP (o/w)	3.26
Odor Type	alliaceous



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Specifications	Limits
Odor	Allicious, onion and garlic-like with metallic nuances
Taste	Green onion and garlic-like with meaty nuances
Vapor Density	5.2
Insolubility	in water
Molecular weight	146.28
Solubility	most common org. solvs.
Chemical Structure	



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