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Typical Product Specifications & Properties

Allyl Isothiocyanate

CAS Number: : 57-06-7

Specifications	Limits
Density	1.013-1.016
Slightly Soluble	in water
Appearance	colorless to pale yellow clear liquid
Specific gravity	1.02000 to 1.02500 @ 15.00 °C
Refractive Index	1.52700 to 1.53100 @ 20.00 °C
Melting Point	-102.50 to -101.00 °C. @ 760.00 mm Hg
Boiling Point	73.00 to 74.00 °C. @ 50.00 mm Hg
Vapor Pressure	3.700000 mm/Hg @ 30.00 °C
Flash Point	115.00 °F.TCC
logP (o/w)	2.15
Storage	store in cool, dry place in tightly sealed containers, protected from heat and light
Odor	strong pungent mustard




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Specifications	Limits
Assay	93.00 to 100.00 %
Boiling Point	150.00 to 151.00 °C. @ 760.00 mm Hg
Shelf Life	18 month(s) or longer if stored properly
Pounds/Gallon	8.505 to 8.547
Odor Type	sulfurous
Acid Value	1.00 max. KOH/g
Molecular weight	99.16
Color	colorless-pale yellow liquid
Chemical Structure	



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