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## Typical Product Specifications & Properties

# S-(methyl thio) butyrate

CAS Number: : 2432-51-1

Specifications	Limits
Very Soluble	ry pungent, over ripe fruit odor
Appearance	colorless to pale yellow clear liquid
Assay	98.00 to 100.00 %
Refractive Index	1.45700 to 1.46900 @ 20.00 °C
Boiling Point	142.00 to 143.00 °C. @ 757.00 mm Hg
Boiling Point	38.00 to 40.00 °C. @ 12.00 mm Hg
Acid Value	1.00 max. KOH/g
Flash Point	94.00 °F.TCC
logP (o/w)	1.79
Odor Type	cheesy
Taste	Musty, sulfurous, Limburgertype cheese top notes, metallic cheese body
Vapor Pressure	5.870000 mm/Hg @ 25.00 °C





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Specifications	Limits
Vapor Density	4.0
Specific gravity	0.96000 to 0.97500 @ 25.00 °C
Pounds/Gallon	7.988 to 8.113
Odor	Sulfurous, egg and cheese notes, tomato, tropical-fruit top notes
Insolubility	in water
Molecular weight	118.2
Color	colorless liquid
Solubility	most org. solvs.



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415 Huguenot Street, New Rochelle, New York 10801

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