

 synerzine TM	Title:	W0170 Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	02/06/2019

Product Identifiers

Product Name:	1-HEXANETHIOL
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Synerzine Item #	W0170	CAS #	111-31-9	FEMA #	3842
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Material Properties

Molecular Formula	C6H14S	Flash Point (°F, CC)	86
Molecular Weight	118.24	Boiling Point	150-154°C
Shelf Life (days)	365	Physical State	Liquid

Solubility	Soluble in alcohol and oil; Water solubility: 177 mg/L @ 25°C
Storage and Stability	Store in a fully closed container in a cool (~20°C) dry place. Stable Shelf life: 24 months
Handling Precautions	Avoid contact with eyes and skin. In case of contact, flush copiously with water. Keep away from heat and flame.

Specified Critical Limits

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Colorless	Colorless
Odor	Organoleptic Analysis	None	Burnt, meaty, sulfurous	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.830	0.845
Refractive Index	Refractometric Analysis	nD20	1.445	1.455

Notes

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This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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