

 synerzine TM	Title: W1802 Product Specification	
	Document #: 02-1006	Rev #: 004
	Status: ACTIVE	Date Issued: 06/03/2020

Product Identifiers

Product Name:	2-MERCAPTO-3-BUTANOL
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Synerzine Item #	W1802	CAS #	37887-04-0	FEMA #	3502
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Material Properties

Molecular Formula	C4H10OS	Flash Point (°F, CC)	138
Molecular Weight	106.18	Boiling Point	58-60°C/ 10mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohols.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place.
Handling Precautions	Avoid contact of 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	Pale yellow
Odor	Organoleptic Analysis	None	Sulfurous, meaty, Sauteed onion, garlic	
Chemical Purity	Gas Chromatography	% Isomeric Sum	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.998	1.018
Refractive Index	Refractometric Analysis	nD20	1.479	1.499

Notes

Sum of isomers (isomer 1 = 45-55%; isomer 2 = 45-55%)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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