

 synerzine TM	Title: W1390-95 Product Specification	
	Document #: 02-1006	Rev #: 001
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Product Identifiers

Product Name:	3-MERCAPTO-2-BUTANONE, NEAT
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Synerzine Item #	W1390-95	CAS #	40789-98-8	FEMA #	3298
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Material Properties

Molecular Formula	C4H8OS	Flash Point (°F, CC)	175
Molecular Weight	104.17	Boiling Point	50°C / 18mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in organic solvents
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, onion, roasted, meaty	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.030	1.040
Refractive Index	Refractometric Analysis	nD20	1.469	1.479

Notes

Refrigeration recommended to prolong shelf life.
Darkens on standing.

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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