

 synerzine TM	Title:	W1803-90 Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	12/14/2018

Product Identifiers

Product Name:	3-MERCAPTO-2-PENTANONE
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Synerzine Item #	W1803-90	CAS #	67633-97-0	FEMA #	3300
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Material Properties

Molecular Formula	C5H10OS	Flash Point (°F, CC)	225
Molecular Weight	118.19	Boiling Point	187°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble 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	Slight amber
Odor	Organoleptic Analysis	None	Meaty, sulphurous, roast	
Chemical Purity	Gas Chromatography	%	90.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.988	1.008
Refractive Index	Refractometric Analysis	nD20	1.461	1.475

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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