

 synerzine TM	Title:	W1806 Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	07/17/2018

Product Identifiers

Product Name:	2-MERCAPTOPROPIONIC ACID*
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Synerzine Item #	W1806	CAS #	79-42-5	FEMA #	3180
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Material Properties

Molecular Formula	C3H6O2S	Flash Point (°F, CC)	190
Molecular Weight	106	Boiling Point	102°C/16mm
Shelf Life (days)	730	Physical State	Solid

Solubility	Soluble in water, alcohol and ether.
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	Colorless
Odor	Organoleptic Analysis	None	Sulfurous, savory, roasted, meaty	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	1.480	1.490

Notes

*Synonym is Thiolactic Acid

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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