

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W0519 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	001
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	09/27/2019

**Product Identifiers**

Product Name:	*ETHYL 2-MERCAPTOPROPIONATE
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Synerzine Item #	<b>W0519</b>	CAS #	19788-49-9	FEMA #	3279
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**Material Properties**

Molecular Formula	C5H10O2S	Flash Point (°F, CC)	137
Molecular Weight	134.2	Boiling Point	75-76°C/35mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble
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	Meaty, green onion	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.040	1.050
Refractive Index	Refractometric Analysis	nD20	1.445	1.463

**Notes**

Also known as Ethyl Thiolacetate

*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**  
Quality Control Dept.

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