

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W0487 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	000
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	06/21/2013

**Product Identifiers**

Product Name:	1,4-DITHIANE		
Synerzine Item #	<b>W0487</b>	CAS #	505-29-3
		FEMA #	3831

**Material Properties**

Molecular Formula	C4H8S2	Flash Point (°F, CC)	>200
Molecular Weight	120.24	Boiling Point	200°C
Shelf Life (days)	730	Physical State	Solid

Solubility	Insoluble in water; soluble in most 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	White	Pale yellow
Odor	Organoleptic Analysis	None	Seafood-like, garlic, onion	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

**Notes**

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

**Synerzine**  
Quality Control Dept.

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