

 synerzine TM	Title: W1805 Product Specification	
	Document #: 02-1006	Rev #: 000
	Status: ACTIVE	Date Issued: 06/21/2013

Product Identifiers

Product Name:	2,5-DIMETHYL-2,5-DIHYDROXY-1,4-DITHIANE
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Synerzine Item #	W1805	CAS #	55704-78-4	FEMA #	3450
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Material Properties

Molecular Formula	C6H12O2S2	Flash Point (°F, CC)	155
Molecular Weight	180	Boiling Point	326-327°C
Shelf Life (days)	730	Physical State	Solid

Solubility	Slightly soluble in water; soluble in alcohol.
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	Light grey
Odor	Organoleptic Analysis	None	Chicken, meat, onion-like	
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	N/A	N/A

Notes

ALASO KNOWN AS: Mercaptopropa Dimer. As product no. W1805

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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