

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W0220 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	04/05/2024

**Product Identifiers**

Product Name:	THIOGERANIOL
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Synerzine Item #	<b>W0220</b>	CAS #	90480-39-0	FEMA #	N/A
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**Material Properties**

Molecular Formula	C10H18S	Flash Point (°F, CC)	127
Molecular Weight	170.31	Boiling Point	58°C @ 0.35mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in organic solvents.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place under inert discoloration. (24 month shelf life)
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	Orange-red
Odor	Organoleptic Analysis	None	Mercaptan-like, sour	
Chemical Purity	Gas Chromatography	%	Complex	Complex
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.848	0.868
Refractive Index	Refractometric Analysis	nD20	1.470	1.480

**Notes**

For fragrance use. Flavor usage not recommended.  
 \* Assay: A Complex mixture of mercaptan derivatives of terpenes / terpineol, along with un-reacted components.

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

**Synerzine**  
 Quality Control Dept.

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