

 synerzine TM	Title:	T234 Product Specification		
	Document #:	02-1006	Rev #:	003
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Product Identifiers

Product Name:	4,5-DIMETHYL-2-ISOBUTYL-3-THIAZOLINE
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Synerzine Item #	T234	CAS #	65894-83-9	FEMA #	3621
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Material Properties

Molecular Formula	C9H17NS	Flash Point (°F, CC)	167
Molecular Weight	171.34	Boiling Point	130°C/10mm
Shelf Life (days)	365	Physical State	Liquid

Solubility	insoluble in water; soluble in organic solvents
Storage and Stability	Store in REFRIGERATOR in fully closed container under Nitrogen headspace.
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	Pale yellow
Odor	Organoleptic Analysis	None	Sulfurous, green, burnt, cocoa	
Chemical Purity	Gas Chromatography	% Isomeric Sum	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.945	0.955
Refractive Index	Refractometric Analysis	nD20	1.483	1.489

Notes

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This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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