

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	T234 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	001
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	06/07/2018

**Product Identifiers**

Product Name:	4,5-DIMETHYL-2-ISOBUTYL-3-THIAZOLINE
---------------	--------------------------------------

Synerzine Item #	<b>T234</b>	CAS #	65894-83-9	FEMA #	3621
------------------	-------------	-------	------------	--------	------

**Material Properties**

Molecular Formula	C9H17NS	Flash Point (°F, CC)	167
Molecular Weight	171.34	Boiling Point	130°C/10mm
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. Stable for years, with slight development of discoloration.
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 <sup>3</sup> @ 20°C	0.945	0.955
Refractive Index	Refractometric Analysis	nD20	1.483	1.489

**Notes**

--

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