

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	T245 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	000
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**Product Identifiers**

Product Name:	4,5-DIMETHYL-2-ETHYL-3-THIAZOLINE		
Synerzine Item #	<b>T245</b>	CAS #	76788-46-0
		FEMA #	3620

**Material Properties**

Molecular Formula	C7H13NS	Flash Point (°F, CC)	149
Molecular Weight	143	Boiling Point	65°C/3mm
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.
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	Green, vegetable	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.978	0.985
Refractive Index	Refractometric Analysis	nD20	1.490	1.498

**Notes**

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

**Synerzine**  
Quality Control Dept.

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