

 synerzine TM	Title:	T245 Product Specification		
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Product Identifiers

Product Name:	4,5-DIMETHYL-2-ETHYL-3-THIAZOLINE		
Synerzine Item #	T245	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. 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	Green, vegetable	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.978	0.985
Refractive Index	Refractometric Analysis	nD20	1.490	1.498

Notes

This specification was generated electronically, and is therefore unsigned.