

 synerzine TM	Title:	T525 Product Specification		
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Product Identifiers

Product Name:	4,5-DIMETHYL THIAZOLE		
Synerzine Item #	T525	CAS #	3581-91-7
		FEMA #	3274

Material Properties

Molecular Formula	C5H7NS	Flash Point (°F, CC)	124
Molecular Weight	113.18	Boiling Point	158°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly 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	Water-white	Amber
Odor	Organoleptic Analysis	None	Nutty, roasted	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.080	1.087
Refractive Index	Refractometric Analysis	nD20	1.515	1.525

Notes

This specification was generated electronically, and is therefore unsigned.