

 synerzine TM	Title:	T524 Product Specification		
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Product Identifiers

Product Name:	2,4-DIMETHYL THIAZOLE				
Synerzine Item #	T524	CAS #	541-58-2	FEMA #	NA

Material Properties

Molecular Formula	C5H7NS	Flash Point (°F, CC)	109
Molecular Weight	113.18	Boiling Point	144-146°/719mm
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	Colorless	Light amber
Odor	Organoleptic Analysis	None	Coffee, tea, beefy, roasted barley	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.054	1.065
Refractive Index	Refractometric Analysis	nD20	1.502	1.514

Notes

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