

 synerzine TM	Title:	T411 Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	01/13/2025

Product Identifiers

Product Name:	4-METHYL THIAZOLE
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Synerzine Item #	T411	CAS #	693-95-8	FEMA #	3716
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Material Properties

Molecular Formula	C4H5NS	Flash Point (°F, CC)	90
Molecular Weight	99.15	Boiling Point	133-134°C @ 760mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in water
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	Brown-yellow
Odor	Organoleptic Analysis	None	Nutty, green	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.114	1.121
Refractive Index	Refractometric Analysis	nD20	1.516	1.528

Notes

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This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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