

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	T635 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	000
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	06/21/2013

**Product Identifiers**

Product Name:	2,4,5-TRIMETHYL THIAZOLE		
Synerzine Item #	<b>T635</b>	CAS #	13623-11-5
		FEMA #	3325

**Material Properties**

Molecular Formula	C6H9NS	Flash Point (°F, CC)	133
Molecular Weight	127.21	Boiling Point	166°C @ 717.5mmHg
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	Cocoa, coffee, nutty	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.028	1.038
Refractive Index	Refractometric Analysis	nD20	1.506	1.511

**Notes**

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