

 synerzine TM	Title:	T512A Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	08/18/2016

Product Identifiers

Product Name:	2-ACETYL THIAZOLE
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Synerzine Item #	T512A	CAS #	24295-03-2	FEMA #	3328
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Material Properties

Molecular Formula	C5H5NOS	Flash Point (°F, CC)	175
Molecular Weight	127.17	Boiling Point	@11mm 165°
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly in water; soluble in organic medium.
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	Amber
Odor	Organoleptic Analysis	None	Nutty, cocoa	
Chemical Purity	Gas Chromatography	%	98.5%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.220	1.230
Refractive Index	Refractometric Analysis	nD20	1.546	1.550

Notes

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This specification was generated electronically, and is therefore unsigned.