

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	T512A Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	03/08/2021

**Product Identifiers**

Product Name:	2-ACETYL THIAZOLE		
Synerzine Item #	<b>T512A</b>	CAS #	24295-03-2
		FEMA #	3328

**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.
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 <sup>3</sup> @ 20°C	1.220	1.228
Refractive Index	Refractometric Analysis	nD20	1.546	1.550

**Notes**

--

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

**Synerzine**  
Quality Control Dept.

Date Printed: 6/26/2021