

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	T300 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	03/03/2021

**Product Identifiers**

Product Name:	THIAZOLE
---------------	----------

Synerzine Item #	<b>T300</b>	CAS #	288-47-1	FEMA #	3615
------------------	-------------	-------	----------	--------	------

**Material Properties**

Molecular Formula	C3H3NS	Flash Point (°F, CC)	78
Molecular Weight	85.12	Boiling Point	117-118°C
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. Material evaporates considerably fast. Stable for years, with slight development of discoloration.
Handling Precautions	Flammable liquid. Keep away from heat and flame. Avoid breathing of concentrated vapors, and avoid contact with skin or eyes. In case of contact, flush copiously with water for 15 minutes and secure medical attention.

**Specified Critical Limits**

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Water-white	Amber
Odor	Organoleptic Analysis	None	Pyradine-like	
Chemical Purity	Gas Chromatography	%	99.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.197	1.208
Refractive Index	Refractometric Analysis	nD20	1.531	1.541

**Notes**

--

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

**Synerzine**  
Quality Control Dept.

Date Printed: 6/26/2021