

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	T712 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-ISOBUTYL THIAZOLE
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Synerzine Item #	<b>T712</b>	CAS #	18640-74-9	FEMA #	3134
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**Material Properties**

Molecular Formula	C7H11NS	Flash Point (°F, CC)	138
Molecular Weight	141.24	Boiling Point	180°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble in water; soluble in most 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	Pale yellow
Odor	Organoleptic Analysis	None	Strong tomato	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.995	1.005
Refractive Index	Refractometric Analysis	nD20	1.495	1.498

**Notes**

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