

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W01327 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:	ACETALDEHYDE ETHYL (Z)-3 HEXENYL ACETAL
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Synerzine Item #	<b>W01327</b>	CAS #	28069-74-1	FEMA #	3775
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**Material Properties**

Molecular Formula	C10H20O2	Flash Point (°F, CC)	180
Molecular Weight	172.27	Boiling Point	75°C/10mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble 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	Leafy, green, vegetable-like	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.853	0.854
Refractive Index	Refractometric Analysis	nD20	1.423	1.424

**Notes**

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