

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W1383 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	06/30/2021

### Product Identifiers

Product Name:	*6-METHYL-5-HEPTEN-2-ONE
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Synerzine Item #	<b>W1383</b>	CAS #	110-93-0	FEMA #	2707
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### Material Properties

Molecular Formula	C8H14O	Flash Point (°F, CC)	123
Molecular Weight	126.2	Boiling Point	73°C @ 18 mm Hg
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.
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	Slight yellow
Odor	Organoleptic Analysis	None	Herbaceous, fatty, green, pear-like	
Chemical Purity	Gas Chromatography	% Isomeric Sum	97.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.846	0.854
Refractive Index	Refractometric Analysis	nD20	1.438	1.442

### Notes

Sum of isomers (isomer 1: 95-100%, isomer 2: 0-5%)

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

**Synerzine**

Quality Control Dept.

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