

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W1771 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	003
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	06/08/2022

### Product Identifiers

Product Name:	ALPHA-IRONE
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Synerzine Item #	<b>W1771</b>	CAS #	79-69-6	FEMA #	2597
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### Material Properties

Molecular Formula	C14H22O	Flash Point (°F, CC)	>200
Molecular Weight	206.3	Boiling Point	110°C/3mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohols.
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	Yellow
Odor	Organoleptic Analysis	None	Fresh, smooth, violets, orris	
Chemical Purity	Gas Chromatography	% Isomeric Sum	95.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.930	0.938
Refractive Index	Refractometric Analysis	nD20	1.499	1.504

### Notes

AKA 6-methyl-alpha-io. May contain up to 5% Beta-irone. Sum of isomers (isomer 1: 45-60%; isomer 2: 40-55%)

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

**Synerzine**

Quality Control Dept.

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