

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W01296 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	003
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	4/30/2025

**Product Identifiers**

Product Name:	ALLYL-ALPHA-IONONE
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Synerzine Item #	<b>W01296</b>	CAS #	79-78-7	FEMA #	2033
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**Material Properties**

Molecular Formula	C16H24O	Flash Point (°F, CC)	201.2
Molecular Weight	232	Boiling Point	102-104° C @ 0.15mmHg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol; Water 14 mg/L @ 20° C
Storage and Stability	Store in fully closed container in a cool (~10°C), dry place. Keep away from heat, light, and humidity. Slight development of discoloration may occur over time.
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	Fruity, floral, tropical	
Chemical Purity	Gas Chromatography	% Isomeric Sum	90.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.927	0.937
Refractive Index	Refractometric Analysis	nD20	1.495	1.510

**Notes**

Sum of isomers (isomer 1: 65-95%, isomer 2: 5-35%); May contain up to 5% of isomer 3

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

**Synerzine**  
Quality Control Dept.

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