

 synerzine TM	Title:	W0171 Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	04/28/2022

Product Identifiers

Product Name:	ALPHA IONONE
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Synerzine Item #	W0171	CAS #	127-41-3	FEMA #	2594
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Material Properties

Molecular Formula	C13H20O	Flash Point (°F, CC)	244.4
Molecular Weight	192.3	Boiling Point	259-263°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol, dipropylene glycol, paraffin oil
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	Sweet, woody, tropical	
Chemical Purity	Gas Chromatography	% Isomeric Sum	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.925	0.935
Refractive Index	Refractometric Analysis	nD20	1.493	1.503

Notes

Sum of isomers (isomer 1 = ALPHA IONONE (80-99.9%); isomer 2 = BETA IONONE (0.1-20%)); May contain up to 8.0% GAMMA IONONE and/or up to 1.0% PSEUDOIONONE

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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