

 synerzine TM	Title:	W0121N Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	03/03/2025

Product Identifiers

Product Name:	ALPHA-ANGELICALACTONE, NATURAL
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Synerzine Item #	W0121N	CAS #	591-12-8	FEMA #	3293
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Material Properties

Molecular Formula	C5H6O2	Flash Point (°F, CC)	154.4
Molecular Weight	98.1	Boiling Point	168°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in most organic solvents
Storage and Stability	Store in fully closed container in cool (~20°C) dry place away from light. Slight development of discoloration may occur.
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, oily, tobacco	
Chemical Purity	Gas Chromatography	% Isomeric Sum	90.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.085	1.105
Refractive Index	Refractometric Analysis	nD20	1.445	1.465

Notes

Sum of alpha- and beta- angelica lactone isomers; alpha-isomer (85.0-100%), beta-isomer (0-15.0%)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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