

 synerzine TM	Title: W0912 Product Specification	
	Document #: 02-1006	Rev #: 002
	Status: ACTIVE	Date Issued: 06/05/2020

Product Identifiers

Product Name:	ISOPULEGYL ACETATE (Mixture of Isomers)
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Synerzine Item #	W0912	CAS #	89-49-6	FEMA #	2965
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Material Properties

Molecular Formula	C12H20O2	Flash Point (°F, CC)	186
Molecular Weight	196.29	Boiling Point	104-105°C/10mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in 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	Pale yellow
Odor	Organoleptic Analysis	None	Sweet, minty, jam	
Chemical Purity	Gas Chromatography	% Isomeric Sum	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.925	0.945
Refractive Index	Refractometric Analysis	nD20	1.445	1.465

Notes

Sum of isomers (isomer 1: 50-65%; isomer 2: 35-50%); May contain up to 5% isomer 3 and up to 2% isomer 4

This specification was generated electronically, and is therefore unsigned.

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Quality Control Dept.

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