

 synerzine ™	Title:	W0568 Product Specification		
	Document #:	02-1006	Rev #:	003
	Status:	ACTIVE	Date Issued:	06/27/2022

Product Identifiers

Product Name:	ETHYL 2-METHYL-3(4)PENTENOATE MIXTURE
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Synerzine Item #	W0568	CAS #	1617-23-8	FEMA #	3456/3489
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Material Properties

Molecular Formula	C8H14O2	Flash Point (°F, CC)	105
Molecular Weight	142	Boiling Point	108-110°C/200mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in most 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	Colorless
Odor	Organoleptic Analysis	None	Sweet, fruity, strawberry	
Chemical Purity	Gas Chromatography	% Isomeric Sum	96.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.883	0.893
Refractive Index	Refractometric Analysis	nD20	1.415	1.425

Notes

Sum of isomers (isomer 1: 33-37%; isomer 2: 63-67%)

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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