

 synerzine TM	Title:	W0537 Product Specification		
	Document #:	02-1006	Rev #:	005
	Status:	ACTIVE	Date Issued:	06/13/2023

Product Identifiers

Product Name:	ETHYL TRANS-2-OCTENOATE
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Synerzine Item #	W0537	CAS #	2351-90-8 *	FEMA #	3643
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Material Properties

Molecular Formula	C10H18O2	Flash Point (°F, CC)	195
Molecular Weight	170.25	Boiling Point	108°C/36mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohols.
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	Green, fruity	
Chemical Purity	Gas Chromatography	% Isomeric Sum	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.885	0.890
Refractive Index	Refractometric Analysis	nD20	1.439	1.441

Notes

Purity is sum of isomers (isomer 1: 95-100%; isomer 2: 0-5%)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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