

 synerzine TM	Title:	W0529 Product Specification		
	Document #:	02-1006	Rev #:	003
	Status:	ACTIVE	Date Issued:	06/25/2020

Product Identifiers

Product Name:	ETHYL TRANS-2-CIS-4-DECADIENOATE
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Synerzine Item #	W0529	CAS #	3025-30-7	FEMA #	3148
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Material Properties

Molecular Formula	C12H20O2	Flash Point (°F, CC)	>230
Molecular Weight	196.28	Boiling Point	120°C/7mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohol
Storage and Stability	Store in a fully closed container, under an inert atmosphere, in refrigerated (< ~5°C/40°F), dry conditions. Stable for years, with slight development of discoloration.
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	Fatty, fruity	
Chemical Purity	Gas Chromatography	% Isomeric Sum	92.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.885	0.915
Refractive Index	Refractometric Analysis	nD20	1.485	1.490

Notes

Sum of isomers (isomer 1: 90-100%, isomer 2: 0-10%). May contain up to 2% of isomer 3

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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