

 synerzine TM	Title: W131 Product Specification	
	Document #: 02-1006	Rev #: 001
	Status: ACTIVE	Date Issued: 07/12/2019

Product Identifiers

Product Name:	LINOLENIC AND LINOLEIC ACIDS MIXTURE
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Synerzine Item #	W131	CAS #	463-40-1 & 60-33-3	FEMA #	3380
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Material Properties

Molecular Formula	C18H30O2 & C18H32O2	Flash Point (°F, CC)	>200
Molecular Weight	N/A	Boiling Point	365°C @ 760mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohols; insoluble in water.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place. Shelf Life: 24 months
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	Faint, fatty odor	
Chemical Purity	Gas Chromatography	%	90.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.900	0.920
Refractive Index	Refractometric Analysis	nD20	1.469	1.481

Notes

Typical Composition:
~52% Linolenic Acid (CAS# 463-40-1)
~48% Linoleic Acid (CAS# 60-33-3)

This specification was generated electronically, and is therefore unsigned.

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Quality Control Dept.

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