

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W1477 Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 001
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 08/31/2020

### Product Identifiers

Product Name:	2,4-NONADIENAL (TRANS-, TRANS-)
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Synerzine Item #	<b>W1477</b>	CAS #	5910-87-2 *	FEMA #	3212
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### Material Properties

Molecular Formula	C9H14O	Flash Point (°F, CC)	195
Molecular Weight	138.21	Boiling Point	97°C / 10mm
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	Yellow	Yellow
Odor	Organoleptic Analysis	None	Strong, fatty	
Chemical Purity	Gas Chromatography	% Isomeric Sum	92.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.865	0.880
Refractive Index	Refractometric Analysis	nD20	1.517	1.523

### Notes

\*CAS No. 6750-03-4 has also been assigned. Sum of isomers (isomer 1: 85-100%, isomer 2: 0-15%)

*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**

Quality Control Dept.

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