

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W0403 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	12/16/2020

**Product Identifiers**

Product Name:	TRANS-2-DECENAL
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Synerzine Item #	<b>W0403</b>	CAS #	3913-81-3	FEMA #	2366
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**Material Properties**

Molecular Formula	C10H18O	Flash Point (°F, CC)	190
Molecular Weight	154.249	Boiling Point	228-230°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol and fixed oils; insoluble in water.
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	Pale yellow
Odor	Organoleptic Analysis	None	Fatty, orange-like, sweet, aldehyde	
Chemical Purity	Gas Chromatography	%	96.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.840	0.860
Refractive Index	Refractometric Analysis	nD20	1.455	1.460

**Notes**

REVISED: NOVEMBER 2012  
 CAS# 3913-71-1 also refers to 2-decenal.

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

**Synerzine**  
 Quality Control Dept.

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