

 synerzine TM	Title:	W0491 Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	10/27/2020

Product Identifiers

Product Name:	TRANS-2-DODECENAL
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Synerzine Item #	W0491	CAS #	20407-84-5	FEMA #	2402
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Material Properties

Molecular Formula	C12H22O	Flash Point (°F, CC)	>230
Molecular Weight	182.31	Boiling Point	128°C @ 760 mmHg
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	Slight yellow
Odor	Organoleptic Analysis	None	Orange, powerful, fatty	
Chemical Purity	Gas Chromatography	% Isomeric Sum	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.839	0.849
Refractive Index	Refractometric Analysis	nD20	1.455	1.459

Notes

Sum of isomers (isomer 1: 90-100%, isomer 2: 0-10%)

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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