

 synerzine TM	Title: W1667 Product Specification	
	Document #: 02-1006	Rev #: 001
	Status: ACTIVE	Date Issued: 10/01/2020

Product Identifiers

Product Name:	TRANS-2-PENTENAL
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Synerzine Item #	W1667	CAS #	1576-87-0	FEMA #	3218
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Material Properties

Molecular Formula	C5H8O	Flash Point (°F, CC)	73
Molecular Weight	84.11	Boiling Point	124°C
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	Colorless
Odor	Organoleptic Analysis	None	Pungent, green, apple	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.840	0.860
Refractive Index	Refractometric Analysis	nD20	1.439	1.446

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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