

 synerzine TM	Title: W1631 Product Specification	
	Document #: 02-1006	Rev #: 005
	Status: ACTIVE	Date Issued: 03/18/2025

Product Identifiers

Product Name:	*3-PENTEN-2-ONE
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Synerzine Item #	W1631	CAS #	625-33-2	FEMA #	3417
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Material Properties

Molecular Formula	C5H8O	Flash Point (°F, CC)	70
Molecular Weight	84.11796	Boiling Point	122°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol; 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	Yellow
Odor	Organoleptic Analysis	None	Sharp, fruity, phenolic, horseradish	
Chemical Purity	Gas Chromatography	% Isomeric Sum	90.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.855	0.875
Refractive Index	Refractometric Analysis	nD20	1.435	1.442

Notes

Sum of isomers (isomer 1: 85-100%, isomer 2: 0-15%); Up to 10% Mesityl Oxide (CAS# 141-79-7, FEMA 3368)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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