

 synerzine TM	Title: W1518 Product Specification	
	Document #: 02-1006	Rev #: 003
	Status: ACTIVE	Date Issued: 08/20/2020

Product Identifiers

Product Name:	2-OCTEN-4-ONE
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Synerzine Item #	W1518	CAS #	4643-27-0	FEMA #	3603
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Material Properties

Molecular Formula	C8H14O	Flash Point (°F, CC)	136
Molecular Weight	126.2	Boiling Point	179-180°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in organic solvents.
Storage and Stability	Store in fully closed container under refrigeration and nitrogen-headspace.
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	Mushroom, peach	
Chemical Purity	Gas Chromatography	% Isomeric Sum	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.840	0.860
Refractive Index	Refractometric Analysis	nD20	1.440	1.448

Notes

Sum of isomers (isomer 1: 95-100%; isomer 2: 0-5%)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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