

 synerzine TM	Title:	W1333 Product Specification		
	Document #:	02-1006	Rev #:	005
	Status:	ACTIVE	Date Issued:	07/12/2023

Product Identifiers

Product Name:	5-METHYL-2-HEPTEN-4-ONE
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Synerzine Item #	W1333	CAS #	81925-81-7	FEMA #	3761
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Material Properties

Molecular Formula	C8H14O	Flash Point (°F, CC)	143
Molecular Weight	126.2	Boiling Point	21°C/0.15mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water, soluble in organic solvents.
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	Hazelnut, filbertnut	
Chemical Purity	Gas Chromatography	% Isomeric Sum	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.848	0.858
Refractive Index	Refractometric Analysis	nD20	1.441	1.445

Notes

Sum of isomers (isomer 1: 94-100%; isomer 2: 0-6%)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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