

 synerzine TM	Title:	W0830 Product Specification		
	Document #:	02-1006	Rev #:	006
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Product Identifiers

Product Name:	CIS-4-HEPTENAL
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Synerzine Item #	W0830	CAS #	6728-31-0	FEMA #	3289
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Material Properties

Molecular Formula	C7H12O	Flash Point (°F, CC)	100
Molecular Weight	112.17	Boiling Point	60°C/25mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohol
Storage and Stability	Store in fully closed container under nitrogen in cool (~4°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	Pale yellow
Odor	Organoleptic Analysis	None	Green, fatty, vegetable	
Chemical Purity	Gas Chromatography	% Isomeric Sum	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.845	0.860
Refractive Index	Refractometric Analysis	nD20	1.431	1.437

Notes

FEMA 3289 refers to mixture of cis- and trans- isomers. Sum of isomers (isomer 1: 95.0-99.9%, isomer 2: 0.1-7.0%)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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