

 synerzine TM	Title:	W01780 Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	08/28/2018

Product Identifiers

Product Name:	ISOPHORONE
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Synerzine Item #	W01780	CAS #	78-59-1	FEMA #	3553
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Material Properties

Molecular Formula	C9H14O	Flash Point (°F, CC)	184
Molecular Weight	138.21	Boiling Point	213-214°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble in water; soluble in oils.
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	Pale yellow
Odor	Organoleptic Analysis	None	Sweet, cedarwood, tobacco	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.922	0.932
Refractive Index	Refractometric Analysis	nD20	1.471	1.481

Notes

ALSO KNOWN AS: 3,5,5-Trimethyl-2-Cyclohexen-1-one

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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