

 synerzine TM	Title:	W0902 Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	05/25/2022

Product Identifiers

Product Name:	**ISOBUTYRALDEHYDE
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Synerzine Item #	W0902	CAS #	78-84-2	FEMA #	2220
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Material Properties

Molecular Formula	C8H8O	Flash Point (°F, CC)	-2
Molecular Weight	72.106	Boiling Point	63.0°C @ 760 mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	soluble in alcohol; soluble in water, 1:10
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	Colorless
Odor	Organoleptic Analysis	None	Fresh, aldehydic, floral, green	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.783	0.793
Refractive Index	Refractometric Analysis	nD20	1.372	1.382

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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