

 synerzine TM	Title: W1376 Product Specification	
	Document #: 02-1006	Rev #: 002
	Status: ACTIVE	Date Issued: 11/21/2023

Product Identifiers

Product Name:	2-METHYLBUTYRALDEHYDE
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Synerzine Item #	W1376	CAS #	96-17-3	FEMA #	2691
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Material Properties

Molecular Formula	C5H10O	Flash Point (°F, CC)	40
Molecular Weight	86.13	Boiling Point	90-92°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble in water; soluble in organic solvents.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place. *To the best of our knowledge and ability.
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	Choking, cocoa, coffee	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.799	0.813
Refractive Index	Refractometric Analysis	nD20	1.388	1.396

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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