

 synerzine TM	Title:	W089 Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	09/06/2022

Product Identifiers

Product Name:	5-(HYDROXYMETHYL) FURFURAL
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Synerzine Item #	W089	CAS #	67-47-0	FEMA #	N/A
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Material Properties

Molecular Formula	C6H6O3	Flash Point (°F, CC)	175
Molecular Weight	126.11	Boiling Point	115°C @ 1mmHg
Shelf Life (days)	730	Physical State	Solid

Solubility	Insoluble in water; soluble in alcohols.
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	Amber
Odor	Organoleptic Analysis	None	Warm, herbaceous, wine-like, ethereal	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

Notes

Boiling point: 291°C @ 760 mmHg

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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