

 synerzine TM	Title:	W0493 Product Specification		
	Document #:	02-1006	Rev #:	003
	Status:	ACTIVE	Date Issued:	10/30/2019

Product Identifiers

Product Name:	2,5-DIMETHYL-4-BUTYROXY-3(2H) FURANONE
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Synerzine Item #	W0493	CAS #	114099-96-6	FEMA #	3970
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Material Properties

Molecular Formula	C8H12O3	Flash Point (°F, CC)	180
Molecular Weight	198.1	Boiling Point	90°C/5mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in water, alcohol and propylene glycol.
Storage and Stability	Store refrigerated in tightly closed container.
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, fruity, buttery	
Chemical Purity	Gas Chromatography	%	96.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.092	1.102
Refractive Index	Refractometric Analysis	nD20	1.467	1.477

Notes

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This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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