

 synerzine TM	Title:	W0564 Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	09/21/2017

Product Identifiers

Product Name:	2-ETHYL-4-HYDROXY-5-METHYL-3(2H) FURANONE*
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Synerzine Item #	W0564	CAS #	27538-10-9	FEMA #	3623
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Material Properties

Molecular Formula	C7H10O3	Flash Point (°F, CC)	225
Molecular Weight	142.15	Boiling Point	230°C @ 760mmHg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in water; insoluble in fats.
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	Pale yellow	Amber
Odor	Organoleptic Analysis	None	Sweet, fruity, caramel, butterscotch, maltol	
Chemical Purity	Gas Chromatography	%	20.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.045	1.065
Refractive Index	Refractometric Analysis	nD20	1.435	1.455

Notes

*Supplied as 20% in P.G.

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

Date Printed: 6/26/2021