

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W0401 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	04/06/2020

**Product Identifiers**

Product Name:	EPSILON-DECALACTONE
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Synerzine Item #	<b>W0401</b>	CAS #	5579-78-2	FEMA #	3613
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**Material Properties**

Molecular Formula	C10H18O2	Flash Point (°F, CC)	223
Molecular Weight	170.248	Boiling Point	262-263C @ 760mmHg
Shelf Life (days)	730	Physical State	Liquid

Solubility	slightly soluble in water (approx. 400 mg/L)
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	Pale yellow
Odor	Organoleptic Analysis	None	Sweet, creamy, coconut, milk, celery	
Chemical Purity	Gas Chromatography	%	99.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.965	0.985
Refractive Index	Refractometric Analysis	nD20	1.458	1.463

**Notes**

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*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**  
Quality Control Dept.

Date Printed: 6/26/2021