

 synerzine TM	Title:	W05130 Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	03/22/2019

Product Identifiers

Product Name:	ETHYL MALTOL
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Synerzine Item #	W05130	CAS #	4940-11-8	FEMA #	3487
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Material Properties

Molecular Formula	C7H8O3	Flash Point (°F, CC)	>200
Molecular Weight	140.13836	Boiling Point	289-290°C
Shelf Life (days)	730	Physical State	Solid

Solubility	Soluble in alcohols; slightly soluble in water.
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	White	Off-white
Odor	Organoleptic Analysis	None	Sweet, sugary, caramel, jam, strawberry	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

Notes

Also known as: 3-hydroxy-2-ethyl-4-pyrone
 Melting Point: 89-92°C

This specification was generated electronically, and is therefore unsigned.

Synerzine
 Quality Control Dept.

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