

 synerzine TM	Title:	W012 Product Specification		
	Document #:	02-1006	Rev #:	000
	Status:	ACTIVE	Date Issued:	06/21/2013

Product Identifiers

Product Name:	2-ACETYL-5-METHYLFURAN
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Synerzine Item #	W012	CAS #	1193-79-9	FEMA #	3609
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Material Properties

Molecular Formula	C7H8O2	Flash Point (°F, CC)	175
Molecular Weight	124.13916	Boiling Point	71-72°C @ 8mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol; slightly soluble in water.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place. Stable for years, with slight development of discoloration.
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	UPDATE SPEC	UPDATE SPEC
Odor	Organoleptic Analysis	None	Sweet, musty, nutty, caramel	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.050	1.070
Refractive Index	Refractometric Analysis	nD20	1.508	1.514

Notes

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This specification was generated electronically, and is therefore unsigned.