

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W1349 Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 001
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 03/06/2017

#### Product Identifiers

Product Name:	2-METHYL-TETRAHYDROTHIOPHEN-3-ONE
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Synerzine Item #	<b>W1349</b>	CAS #	13679-85-1	FEMA #	3512
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#### Material Properties

Molecular Formula	C5H8OS	Flash Point (°F, CC)	160
Molecular Weight	116.18	Boiling Point	82°C/28mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohols
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	Dark yellow
Odor	Organoleptic Analysis	None	Sulfurous	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.120	1.140
Refractive Index	Refractometric Analysis	nD20	1.506	1.510

#### Notes

AKA 2-methyl-4,5-dihydro-3 (2h) thiophe

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

**Synerzine**

Quality Control Dept.

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