

 synerzine TM	Title:	W0229 Product Specification		
	Document #:	02-1006	Rev #:	005
	Status:	ACTIVE	Date Issued:	03/26/2020

Product Identifiers

Product Name:	THIOMENTHONE
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Synerzine Item #	W0229	CAS #	38462-22-5	FEMA #	3177
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Material Properties

Molecular Formula	C10H18OS	Flash Point (°F, CC)	227
Molecular Weight	186.32	Boiling Point	120°C @ 10 mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	very slightly in water; soluble in organic solvents.
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	Yellow-brown
Odor	Organoleptic Analysis	None	Black currant	
Chemical Purity	Gas Chromatography	% Isomeric Sum	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.996	1.016
Refractive Index	Refractometric Analysis	nD20	1.492	1.509

Notes

Also named p-mentha-8-thiol-3-one; sum of diastereomers (isomer 1: 60-80%; isomer 2: 20-40%); May contain up to 25% of two other diastereomers

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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