

 synerzine TM	Title: W1427 Product Specification	
	Document #: 02-1006	Rev #: 001
	Status: ACTIVE	Date Issued: 12/22/2020

Product Identifiers

Product Name:	4-METHYL-4-MERCAPTOPENTAN-2-ONE, 1% IN P.G.
---------------	---

Synerzine Item #	W1427	CAS #	19872-52-7	FEMA #	3997
------------------	--------------	-------	------------	--------	------

Material Properties

Molecular Formula	C6H12OS	Flash Point (°F, CC)	>230
Molecular Weight	132	Boiling Point	(High)
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in water and most 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
Odor	Organoleptic Analysis	None	Sulfurous, meaty, garlic, onion	
Chemical Purity	Gas Chromatography	%	1.0%	5.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.032	1.037
Refractive Index	Refractometric Analysis	nD20	1.431	1.437

Notes

Also known as CAT Ketone
 *CAS No. for Propylene glycol: 57-55-6

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

Date Printed: 6/26/2021