

 synerzine TM	Title: W14061 Product Specification	
	Document #: 02-1006	Rev #: 001
	Status: ACTIVE	Date Issued: 12/04/2023

Product Identifiers

Product Name:	**3-METHYL-1-BUTANETHIOL
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Synerzine Item #	W14061	CAS #	541-31-1	FEMA #	3858
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Material Properties

Molecular Formula	C5H12S	Flash Point (°F, CC)	65
Molecular Weight	104.22	Boiling Point	120°C
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	Pale yellow
Odor	Organoleptic Analysis	None	Penetrating, mercaptan, sulfurous	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.831	0.838
Refractive Index	Refractometric Analysis	nD20	1.442	1.446

Notes

AKA Isoamyl mercaptan

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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