

 synerzine TM	Title: W1354 Product Specification	
	Document #: 02-1006	Rev #: 000
	Status: ACTIVE	Date Issued: 06/21/2013

Product Identifiers

Product Name:	3-(METHYLTHIO) BUTANAL
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Synerzine Item #	W1354	CAS #	16630-52-7	FEMA #	3374
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Material Properties

Molecular Formula	C5H10OS	Flash Point (°F, CC)	120
Molecular Weight	118	Boiling Point	62-64°C/10mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in 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, potato chip	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.000	1.034
Refractive Index	Refractometric Analysis	nD20	1.473	1.517

Notes

Also know as POTATO BUTYRALDEHYDE

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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