

 synerzine TM	Title: W1321 Product Specification	
	Document #: 02-1006	Rev #: 003
	Status: ACTIVE	Date Issued: 07/10/2019

Product Identifiers

Product Name:	TRANS-2-METHYL-2-BUTENAL *
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Synerzine Item #	W1321	CAS #	497-03-0	FEMA #	3407
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Material Properties

Molecular Formula	C5H8O	Flash Point (°F, CC)	65
Molecular Weight	84.12	Boiling Point	116-118°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble; soluble in organic solvents.
Storage and Stability	Store in fully closed container in a refrigerated, dry place. Shelf life: 24 months
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	"Green fruit", penetrating, ethereal	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.865	0.875
Refractive Index	Refractometric Analysis	nD20	1.440	1.450

Notes

Caution: Oxidizes in air (Aldehyde). Store under nitrogen environment.

*AKA "Tiglaldehyde"

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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