

 synerzine TM	Title: W1387 Product Specification	
	Document #: 02-1006	Rev #: 002
	Status: ACTIVE	Date Issued: 10/09/2020

Product Identifiers

Product Name:	TRANS-2-METHYL-2-BUTENOIC ACID*
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Synerzine Item #	W1387	CAS #	80-59-1	FEMA #	3599
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Material Properties

Molecular Formula	C5H8O2	Flash Point (°F, CC)	>200
Molecular Weight	100.12	Boiling Point	200°C
Shelf Life (days)	730	Physical State	Solid

Solubility	Insoluble in water; soluble in organic solvents, (i.e acetone).
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	White	White
Odor	Organoleptic Analysis	None	Sweet, warm, spicy	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

Notes

*Commonly known as tiglic acid

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

Date Printed: 6/26/2021