

 synerzine TM	Title:	V644 Product Specification		
	Document #:	02-1006	Rev #:	000
	Status:	ACTIVE	Date Issued:	06/21/2013

Product Identifiers

Product Name:	2-METHYL PENTANOIC ACID
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Synerzine Item #	V644	CAS #	97-61-0	FEMA #	2754
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Material Properties

Molecular Formula	C6H12O2	Flash Point (°F, CC)	195
Molecular Weight	116.16	Boiling Point	196° C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Very slightly soluble in water; soluble in organic solvents.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place. Stable for years, with slight development of discoloration.
Handling Precautions	Avoid contact of eyes and skin. In case of contact, flush copiously with water. Keep away from heat and flame. Chemical resistant goggles and gloves recommended.

Specified Critical Limits

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Colorless	Slight amber
Odor	Organoleptic Analysis	None	Pungent, sour, cheese	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.923	0.931
Refractive Index	Refractometric Analysis	nD20	1.411	1.416

Notes

*Also commonly known as 2-methyl valeric acid

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