

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	V646M Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	001
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	12/05/2018

**Product Identifiers**

Product Name:	METHYL 4-METHYLPENTANOATE		
Synerzine Item #	<b>V646M</b>	CAS #	2412-80-8
		FEMA #	2721

**Material Properties**

Molecular Formula	C7H14O2	Flash Point (°F, CC)	103
Molecular Weight	130.18	Boiling Point	139-140°C
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. 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.

**Specified Critical Limits**

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Water-white	Amber
Odor	Organoleptic Analysis	None	Fruity, pineapple	
Chemical Purity	Gas Chromatography	%	99.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.875	0.890
Refractive Index	Refractometric Analysis	nD20	1.402	1.406

**Notes**

Also known as Methyl 4-methyl valerate

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