

 synerzine TM	Title:	V646 Product Specification		
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Product Identifiers

Product Name:	4-METHYLPENTANOIC ACID		
Synerzine Item #	V646	CAS #	646-07-1
		FEMA #	3463

Material Properties

Molecular Formula	C6H12O2	Flash Point (°F, CC)	202
Molecular Weight	116.16	Boiling Point	199-201°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble in water; soluble in alcohol.
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	Water-white
Odor	Organoleptic Analysis	None	Pungent cheese	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.921	0.923
Refractive Index	Refractometric Analysis	nD20	1.400	1.420

Notes

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