

 synerzine TM	Title:	C940 Product Specification		
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Product Identifiers

Product Name:	4-METHYLOCTANOIC ACID		
Synerzine Item #	C940	CAS #	54947-74-9
		FEMA #	3575

Material Properties

Molecular Formula	C9H18O2	Flash Point (°F, CC)	>230
Molecular Weight	158	Boiling Point	120-122°C/2mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol, insoluble in water.
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	Pale yellow
Odor	Organoleptic Analysis	None	Fatty, musty, lamb	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.906	0.914
Refractive Index	Refractometric Analysis	nD20	1.430	1.436

Notes

This specification was generated electronically, and is therefore unsigned.