

 synerzine TM	Title:	C820 Product Specification		
	Document #:	02-1006	Rev #:	000
	Status:	ACTIVE	Date Issued:	06/21/2013

Product Identifiers

Product Name:	2-METHYL HEPTANOIC ACID
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Synerzine Item #	C820	CAS #	1188-02-9	FEMA #	2706
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Material Properties

Molecular Formula	C8H16O2	Flash Point (°F, CC)	>230
Molecular Weight	144.21	Boiling Point	140°C/ 30mm
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.

Specified Critical Limits

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Water-white	Amber
Odor	Organoleptic Analysis	None	Cheese, butter, milk	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.903	0.912
Refractive Index	Refractometric Analysis	nD20	1.422	1.430

Notes

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