

 synerzine TM	Title:	C724 Product Specification		
	Document #:	02-1006	Rev #:	000
	Status:	ACTIVE	Date Issued:	06/21/2013

Product Identifiers

Product Name:	2,4-DIMETHYL-2-PENTENOIC ACID		
Synerzine Item #	C724	CAS #	66634-97-7
		FEMA #	3143

Material Properties

Molecular Formula	C7H12O2	Flash Point (°F, CC)	254
Molecular Weight	128.169	Boiling Point	133-134°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol; very slightly soluble 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	Colorless	Colorless
Odor	Organoleptic Analysis	None	Tangy, acidic, fruity, sweaty, cheesy, floral, animal	
Chemical Purity	Gas Chromatography	%	92.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.991	0.999
Refractive Index	Refractometric Analysis	nD20	1.459	1.467

Notes

This specification was generated electronically, and is therefore unsigned.