

 synerzine TM	Title:	W0555N Product Specification		
	Document #:	02-1006	Rev #:	000
	Status:	ACTIVE	Date Issued:	06/21/2013

Product Identifiers

Product Name:	ETHYL 3-HYDROXYBUTYRATE, NATURAL
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Synerzine Item #	W0555N	CAS #	5405-41-4	FEMA #	3428
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Material Properties

Molecular Formula	C6H12O3	Flash Point (°F, CC)	170
Molecular Weight	132.2	Boiling Point	195°C @ 760 mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in organic solvents Water solubility: 159.2 g/L @ 25°C
Storage and Stability	Store in fully closed container in cool (~20°C) dry place.
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	Mild, ethereal, fruity, black currant, grapes	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.007	1.022
Refractive Index	Refractometric Analysis	nD20	1.415	1.425

Notes

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This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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