

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W0140N Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 001
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 03/07/2018

### Product Identifiers

Product Name:	BUTYRIC ACID, NATURAL
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Synerzine Item #	<b>W0140N</b>	CAS #	107-92-6	FEMA #	2221
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### Material Properties

Molecular Formula	C4H8O2	Flash Point (°F, CC)	167
Molecular Weight	88.10616	Boiling Point	162-164°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohols; slightly soluble in water.
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	Sharp, dairy, cheesy, buttery, fruity	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.950	0.965
Refractive Index	Refractometric Analysis	nD20	1.397	1.399

### Notes

*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**

Quality Control Dept.

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