

 synerzine TM	Title: W2209 Product Specification	
	Document #: 02-1006	Rev #: 000
	Status: ACTIVE	Date Issued: 06/21/2013

Product Identifiers

Product Name:	N-BUTYL N-BUTYRYL LACTATE
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Synerzine Item #	W2209	CAS #	7492-70-8	FEMA #	2190
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Material Properties

Molecular Formula	C11H20O4	Flash Point (°F, CC)	>230
Molecular Weight	216.28	Boiling Point	90°C/2mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohol and glycols.
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	Light yellow
Odor	Organoleptic Analysis	None	Milk, mild, cheese, buttery	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.970	0.974
Refractive Index	Refractometric Analysis	nD20	1.420	1.423

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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