

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W2221 Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 000
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 06/21/2013

### Product Identifiers

Product Name:	*N-BUTANOL
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Synerzine Item #	<b>W2221</b>	CAS #	71-36-3	FEMA #	2178
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### Material Properties

Molecular Formula	C4H10O	Flash Point (°F, CC)	95
Molecular Weight	74.1229	Boiling Point	117-119°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol; insoluble 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	Mild, fermented	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.805	0.815
Refractive Index	Refractometric Analysis	nD20	1.395	1.405

### Notes

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

**Synerzine**

Quality Control Dept.

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