

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W2256 Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 008
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 05/27/2020

### Product Identifiers

Product Name:	3-BUTYLIDENEPHTHALIDE
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Synerzine Item #	<b>W2256</b>	CAS #	551-08-6	FEMA #	3333
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### Material Properties

Molecular Formula	C12H12O2	Flash Point (°F, CC)	>230
Molecular Weight	188.23	Boiling Point	108-109°C/0.1mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Very slightly soluble in water; soluble in alcohols and oils
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	Light yellow	Yellow
Odor	Organoleptic Analysis	None	Herbaceous, fresh, celery-like	
Chemical Purity	Gas Chromatography	% Isomeric Sum	94.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.090	1.105
Refractive Index	Refractometric Analysis	nD20	1.572	1.582

### Notes

Sum of isomers (isomer 1: 80-99.9%; isomer 2: 0.1-20%)

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

**Synerzine**

Quality Control Dept.

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