

 synerzine TM	Title: W2256Q Product Specification	
	Document #: 02-1006	Rev #: 001
	Status: ACTIVE	Date Issued: 05/27/2020

Product Identifiers

Product Name:	3-BUTYLIDENEPHTHALIDE
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Synerzine Item #	W2256Q	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	96.0%	100.0%
Density	Density Analysis	g/cm ³ @ 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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