

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W3391 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:	CARYOPHYLLENE OXIDE
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Synerzine Item #	<b>W3391</b>	CAS #	1139-30-6	FEMA #	4085
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### Material Properties

Molecular Formula	C15H24O	Flash Point (°F, CC)	230
Molecular Weight	220.36	Boiling Point	280°C at 760 mmHg
Shelf Life (days)	730	Physical State	Solid

Solubility	Insoluble in water; soluble in alcohols.
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	White	Pale yellow
Odor	Organoleptic Analysis	None	Woody, spicy, sweet	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

### Notes

Optical rotation: -65 to -75 (C=2 in CHCl<sub>3</sub>)

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

**Synerzine**

Quality Control Dept.

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