

 synerzine TM	Title:	W0335N Product Specification		
	Document #:	02-1006	Rev #:	001
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Product Identifiers

Product Name:	1,4-CINEOLE, NATURAL
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Synerzine Item #	W0335N	CAS #	470-67-7	FEMA #	3658
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Material Properties

Molecular Formula	C10H18O	Flash Point (°F, CC)	118
Molecular Weight	154.25	Boiling Point	177°C @ 760 mmHg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Almost insoluble in water, soluble in alcohol 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	Water-white	Water-white
Odor	Organoleptic Analysis	None	Camphor	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.885	0.907
Refractive Index	Refractometric Analysis	nD20	1.445	1.460

Notes

Isomers:
 Myrcene, alpha-Phellandrene, 1,4-Cineol, alpha-Terpinene, 1,8-Cineole

This specification was generated electronically, and is therefore unsigned.

Synerzine
 Quality Control Dept.

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