

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W2263N Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	001
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	05/08/2023

### Product Identifiers

Product Name:	BUCHU OIL CRENULATA, NATURAL
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Synerzine Item #	<b>W2263N</b>	CAS #	68650-46-4	FEMA #	2169
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### Material Properties

Molecular Formula	Complex	Flash Point (°F, CC)	>212
Molecular Weight	N/A	Boiling Point	N/A
Shelf Life (days)	365	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohols.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place under nitrogen.
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	Yellow	Brown-yellow
Odor	Organoleptic Analysis	None	Fruity, spicy, blackcurrant, tropical, sulfur	
Chemical Purity	Gas Chromatography	%	Complex	Complex
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.890	0.951
Refractive Index	Refractometric Analysis	nD20	1.467	1.480

### Notes

Complex sum of isomers (mixture contains: pulegone (>=35%), isomenthone (<=17%), diosphenol (<=3.0% sum of isomers), mercaptomenthone (>=0.5%), acetylthiomenthone (>=1.0%), menthone (<=10%), limonene (<=25%))

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

**Synerzine**

Quality Control Dept.

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