

 synerzine TM	Title: W1491N Product Specification	
	Document #: 02-1006	Rev #: 002
	Status: ACTIVE	Date Issued: 02/04/2020

Product Identifiers

Product Name:	NOOTKATONE 50%, NATURAL
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Synerzine Item #	W1491N	CAS #	4674-50-4	FEMA #	3166
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Material Properties

Molecular Formula	C15H22O	Flash Point (°F, CC)	>200
Molecular Weight	218.33	Boiling Point	73°C @ 0.8 mmHg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol and oil, practically insoluble in water: 2.375 mg/L @ 25°C
Storage and Stability	Store in fully closed container in cool (~20°C) dry place. Stable for years, with slight development of discoloration.
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	Pale yellow	Orange
Odor	Organoleptic Analysis	None	Grapefruit, woody	
Chemical Purity	Gas Chromatography	%	50.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.950	1.080
Refractive Index	Refractometric Analysis	nD20	1.500	1.528

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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