

 synerzine TM	Title:	W0394 Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	08/17/2023

Product Identifiers

Product Name:	CIS-DIHYDROCARVONE
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Synerzine Item #	W0394	CAS #	7764-50-3	FEMA #	3565
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Material Properties

Molecular Formula	C10H16O	Flash Point (°F, CC)	178
Molecular Weight	152.23	Boiling Point	220°C
Shelf Life (days)	730	Physical State	Liquid

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	Colorless	Pale yellow
Odor	Organoleptic Analysis	None	Warm, powerful, herbal	
Chemical Purity	Gas Chromatography	% Isomeric Sum	92.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.923	0.928
Refractive Index	Refractometric Analysis	nD20	1.470	1.474

Notes

Also known as p-Menth-8-en-2-one. Sum of isomers (isomer 1: 65-85%; isomer 2: 15-35%)

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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