

 synerzine TM	Title: W2123 Product Specification	
	Document #: 02-1006	Rev #: 0
	Status: ACTIVE	Date Issued: 05/11/2023

Product Identifiers

Product Name:	2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-CARBOXALDEHYDE
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Synerzine Item #	W2123	CAS #	432-25-7	FEMA #	3639
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Material Properties

Molecular Formula	C10H16O	Flash Point (°F, CC)	>230
Molecular Weight	152	Boiling Point	62-63°C/3 mmHg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in organic solvents.
Storage and Stability	Store under refrigeration (~4°C) in tightly sealed containers away from light under nitrogen environment.
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	Berry, minty, tropical	
Chemical Purity	Gas Chromatography	% Isomeric Sum	80.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.940	0.960
Refractive Index	Refractometric Analysis	nD20	1.490	1.500

Notes

*Commonly referred to as cyclocitral
Sum of isomers (isomer 1, beta: 80-100%; isomer 2, alpha: 0-20%)
Does not contain p-cymene.

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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