

 synerzine TM	Title: W1822 Product Specification	
	Document #: 02-1006	Rev #: 002
	Status: ACTIVE	Date Issued: 01/05/2024

Product Identifiers

Product Name:	2,6,6-TRIMETHYL-1-CYCLOHEXENE-1-ACETALDEHYDE
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Synerzine Item #	W1822	CAS #	472-66-2	FEMA #	3474
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Material Properties

Molecular Formula	C11H18O	Flash Point (°F, CC)	191
Molecular Weight	166.3	Boiling Point	50°C/0.4mm
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	Water-white	Pale yellow
Odor	Organoleptic Analysis	None	Camphoreous, woody, fruity	
Chemical Purity	Gas Chromatography	%	92.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.940	0.960
Refractive Index	Refractometric Analysis	nD20	1.480	1.487

Notes

Also known as beta homocyclocitral.
 Secondary Components:
 2-3% beta cyclocitral
 0.5-1% beta ionone
 2-4% methyl beta-homocyclogeranate
 0.6-1% ethyl beta-homocyclogeranate

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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