

 synerzine TM	Title: W0238 Product Specification	
	Document #: 02-1006	Rev #: 001
	Status: ACTIVE	Date Issued: 01/16/2024

Product Identifiers

Product Name:	3,5,5-TRIMETHYLCYCLOHEXENE-1,2-DIONE*
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Synerzine Item #	W0238	CAS #	4883-60-7	FEMA #	3459
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Material Properties

Molecular Formula	C9H14O2	Flash Point (°F, CC)	>200
Molecular Weight	154	Boiling Point	90-110°C/15 mmHg
Shelf Life (days)	730	Physical State	Solid

Solubility	Insoluble in water; soluble in organic solvents.
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	White	Off-white
Odor	Organoleptic Analysis	None	Candy, phenolic	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

Notes

*Also named: 2-hydroxy-3,5,5-trimethyl-2-cyclohexe, as item W0238A.

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

Date Printed: 1/16/2024