

 synerzine TM	Title:	W0141 Product Specification		
	Document #:	02-1006	Rev #:	000
	Status:	ACTIVE	Date Issued:	06/21/2013

Product Identifiers

Product Name:	1-METHYL-2,3-CYCLOHEXADIONE
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Synerzine Item #	W0141	CAS #	3008-43-3	FEMA #	3305
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Material Properties

Molecular Formula	C7H10O2	Flash Point (°F, CC)	153
Molecular Weight	126.15	Boiling Point	m.p. 58°C min
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. 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	Off-white	Dark yellow
Odor	Organoleptic Analysis	None	Candy, phenolic	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

Notes

*Purity reported as a sum of tautomers.
 Also known as: 3-methyl cyclohexane-1,2-dione

This specification was generated electronically, and is therefore unsigned.