

 synerzine TM	Title:	W1637 Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	05/27/2022

Product Identifiers

Product Name:	1-PHENYL-1,2-PROPANEDIONE
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Synerzine Item #	W1637	CAS #	579-07-7	FEMA #	3226
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Material Properties

Molecular Formula	C9H8O2	Flash Point (°F, CC)	184
Molecular Weight	148.16	Boiling Point	222°C
Shelf Life (days)	730	Physical State	Liquid

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	Pale yellow	Dark yellow
Odor	Organoleptic Analysis	None	Pungent plastic	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.095	1.115
Refractive Index	Refractometric Analysis	nD20	1.520	1.540

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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