

 synerzine TM	Title:	W0571 Product Specification		
	Document #:	02-1006	Rev #:	004
	Status:	ACTIVE	Date Issued:	05/21/2024

Product Identifiers

Product Name:	ETHYL 3-PHENYL GLYCIDATE
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Synerzine Item #	W0571	CAS #	121-39-1	FEMA #	2454
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Material Properties

Molecular Formula	C11H12O3	Flash Point (°F, CC)	>230
Molecular Weight	192.2	Boiling Point	N/A
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	Colorless	Pale yellow
Odor	Organoleptic Analysis	None	Strong, fruity, berry	
Chemical Purity	Gas Chromatography	% Isomeric Sum	92.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.120	1.125
Refractive Index	Refractometric Analysis	nD20	1.516	1.521

Notes

Sum of isomers (isomer 1: 84-99%; isomer 2: 1-16%)

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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