

 synerzine TM	Title:	W0162 Product Specification		
	Document #:	02-1006	Rev #:	001
	Status:	ACTIVE	Date Issued:	02/13/2019

Product Identifiers

Product Name:	GERANIC ACID
---------------	--------------

Synerzine Item #	W0162	CAS #	459-80-3	FEMA #	4121
------------------	--------------	-------	----------	--------	------

Material Properties

Molecular Formula	C10H16O2	Flash Point (°F, CC)	230
Molecular Weight	168.2	Boiling Point	75°C/0.5mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohol.
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	Colorless	Pale yellow
Odor	Organoleptic Analysis	None	Green, floral, weedy, woody	
Chemical Purity	Gas Chromatography	%	90.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.952	0.958
Refractive Index	Refractometric Analysis	nD20	1.479	1.489

Notes

--

This specification was generated electronically, and is therefore unsigned.