

 synerzine TM	Title: W2275 Product Specification	
	Document #: 02-1006	Rev #: 004
	Status: ACTIVE	Date Issued: 07/14/2020

Product Identifiers

Product Name:	WHISKEY LACTONE
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Synerzine Item #	W2275	CAS #	39212-23-2	FEMA #	3803
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Material Properties

Molecular Formula	C9H16O2	Flash Point (°F, CC)	> 230
Molecular Weight	156	Boiling Point	110°C / 6mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water, soluble in alcohols
Storage and Stability	Store in a fully closed container, under nitrogen, in a cold (< ~5°C/45°F), 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	Warm, cocoa, wine-like	
Chemical Purity	Gas Chromatography	% Isomeric Sum	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.958	0.966
Refractive Index	Refractometric Analysis	nD20	1.443	1.447

Notes

Sum of isomers (isomer 1: 50-60%, isomer 2: 40-50%)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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