

 synerzine TM	Title:	W031 Product Specification		
	Document #:	02-1006	Rev #:	000
	Status:	ACTIVE	Date Issued:	06/21/2013

Product Identifiers

Product Name:	GLYCERYL 5-HYDROXY DECANOATE
---------------	------------------------------

Synerzine Item #	W031	CAS #	26446-31-1	FEMA #	3685
------------------	-------------	-------	------------	--------	------

Material Properties

Molecular Formula	C14H28O5	Flash Point (°F, CC)	>230
Molecular Weight	262.35	Boiling Point	N.A. (very high)
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in fats/oils
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	Slight yellow	Slight yellow
Odor	Organoleptic Analysis	None	Fatty, dairy, peach, coconut oil	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.041	1.051
Refractive Index	Refractometric Analysis	nD20	1.465	1.470

Notes

*composition: 9-11% glycerol
 24-30% delta-decalactone
 25-34% monoglyceride
 13-21% diglyceride
 6-11% triglyceride

This specification was generated electronically, and is therefore unsigned.

Synerzine
 Quality Control Dept.

Date Printed: 6/18/2019