

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W0218 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	003
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	02/02/2023

### Product Identifiers

Product Name:	BUTYL STEARATE (TECHNICAL GRADE)
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Synerzine Item #	<b>W0218</b>	CAS #	123-95-5	FEMA #	2214
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### Material Properties

Molecular Formula	C22H44O2	Flash Point (°F, CC)	>230
Molecular Weight	340.59	Boiling Point	315°C
Shelf Life (days)	730	Physical State	Liquid or Solid

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	Fatty, fruity	
Chemical Purity	Gas Chromatography	%	75.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

### Notes

MAY CONTAIN UP TO 25% BUTYL PALMITATE (CAS 111-06-8)  
Melting Point: 17-27°C

*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**

Quality Control Dept.

Date Printed: 2/2/2023