

TECHNICAL DATA SHEET

11/24/2009

C3 HEXENYL LACTATE				
(Z)-3-Hexenyl Lactate; C3 Hexenyl 2-Hydroxypropionate				
Formula: C9 H16 O3	FW: 172.22	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Slightly oily liquid / Colorless	Part Code: 12216			
Density (g/ml) d ₄ ²⁰ = 0.980-0.986	RI: n _D ²⁵ = 1.443-1.447	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble		
Flash Point: 111°C Method: Closed Cup	Boiling Point: 71°C at 0.7 mm Hg	<input type="checkbox"/> FS Alcohol		
Vapor Press: 0.1 mm Hg, 20°C log K(ow): 1.57	Acid Number: ≤ 2.0	<input type="checkbox"/> FS Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> I Water		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 98.0 %				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID AT-AquaWax: 100°C (0 min HOLD) to 225°C at 5°C/min.				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE
FEMA/GRAS N°: 3690 Co. Europe N°: 10681 C.A.S. N°: 61931-81-5 EINECS N°: 263-337-4 TARIFF N°: 2918.11.5100		NATURAL OCCURRENCE Brandy, grape.		Very mild green, fruity sweet odor / Green strawberry taste
TRANSPORT:				
Hazard: none	REGULATION	HAZ. CLASS	PG	UN N°
Point 1 2 3 4	1 R.T.M.D.			
Not Regulated	2 ADR/RID			
Category / other info:	3 I.A.T.A.			
SARA 313 LISTED: NO	4 I.M.D.G.			
SAFETY DATA: Available	TSCA: listed	PACKING CONTAINERS:		
STORAGE: Under Nitrogen	<input checked="" type="checkbox"/> Epoxy-coated Steel Drums <input checked="" type="checkbox"/> Stainless Steel Drums <input checked="" type="checkbox"/> Aluminum Bottles <input checked="" type="checkbox"/> Glass Bottles <input type="checkbox"/> Plastic / Plastic-lined drums			
Temperature: ≤ -18°C <input type="checkbox"/>				
Shelf Life: ~ 24 months				
	≤ 5°C <input type="checkbox"/>			
	RT <input checked="" type="checkbox"/>			

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