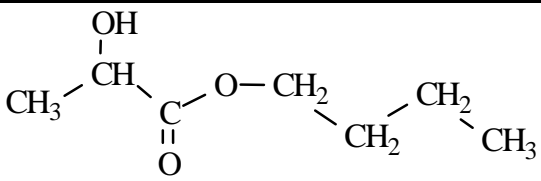


TECHNICAL DATA SHEET

11/24/2009

BUTYL LACTATE				
Butyl 2-Hydroxy Propanoate				
Formula: C7 H14 O3	FW: 146.2	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless	Part Code: 11138			
Density (g/ml) $d_4^{20} = 0.971-0.981$	RI: $n_D^{25} = 1.419-1.424$	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: 157°C Method: Closed Cup	Boiling Point: 185°C	<input type="checkbox"/> FS Alcohol		
Vapor Press: 0.5 mm Hg, 20°C log K(ow): 0.8	Acid Number: ≤ 2.0	<input type="checkbox"/> FS Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> SpS 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 10°C/min. C~1.8				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE Faint buttery, fruity odor, caramellic undertones. / Sweet, very weak buttery-caramellic taste
FEMA/GRAS N°: 2205 Co. Europe N°: 372 C.A.S. N°: 138-22-7 EINECS N°: 205-316-4 TARIFF N°: 2918.11.5000		NATURAL OCCURRENCE Cognac, cider, white wine.		
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.			
	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"/>			

Unless otherwise noted, this data sheet is for your information only and Fontarôme Chemical cannot be held responsible for its contents.