

**TECHNICAL DATA SHEET**

11/24/2009

<b>BENZYL LAURATE</b>				
Benzyl Dodecanoate; Phenylmethyl Dodecanoate				
Formula: C19 H30 O2	FW: 290.45	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless	Part Code: <b>11012</b>			
Density (g/ml) $d_4^{20} = 0.930-0.940$	RI: $n_D^{25} = 1.480-1.482$	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: $>100^\circ\text{C}$ Method: Closed Cup	Boiling Point: $183^\circ\text{C}$ at 1 mm Hg	<input type="checkbox"/> FS Alcohol		
Vapor Press: $<0.001$ mm Hg, $20^\circ\text{C}$ log K(ow): 6.99	Acid Number: $\leq 2.0$	<input type="checkbox"/> I Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> I Water		
<b>CHROMATOGRAPHIC ANALYSIS</b> Purity: $\geq 98.0\%$				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID DB-5: $225^\circ\text{C}$ (0 min HOLD) to $225^\circ\text{C}$ at $0^\circ\text{C}/\text{min}$ (25 min HOLD)				
<b>REFERENCE NUMBERS</b>		Natural/Nature Identical/Artificial: <input type="checkbox"/>		<b>ODOR/TASTE</b>
FEMA/GRAS N°: Co. Europe N°: C.A.S. N°: 140-25-0 EINECS N°: 205-405-8 TARIFF N°: 2915.90.2000		<b>NATURAL OCCURRENCE</b> Not reported.		Very faint, fatty odor /
<b>TRANSPORT:</b>				
Hazard:	<b>REGULATION</b>	<b>HAZ. CLASS</b>	<b>PG</b>	<b>UN N°</b>
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:	<b>PACKING CONTAINERS:</b>		
STORAGE: Under Nitrogen	Temperature: $\leq -18^\circ\text{C}$ <input type="checkbox"/>	<input checked="" type="checkbox"/> Epoxy-coated Steel Drums		
	$\leq 5^\circ\text{C}$ <input type="checkbox"/>	<input checked="" type="checkbox"/> Stainless Steel Drums		
Shelf Life: ~ 12 months	RT <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Aluminum Bottles		
		<input checked="" type="checkbox"/> Glass Bottles		
		<input type="checkbox"/> Plastic / Plastic-lined drums		

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