

**TECHNICAL DATA SHEET**

11/24/2009

<b>6-AMYL ALPHA-PYRONE</b>				
5-Hydroxy-2,4-Decadienoic acid lactone; 6-Pentyl-2H-Pyran-2-one; Pyrone Peach				
Formula: C10 H14 O2	FW: 166.22	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless to Orange	Part Code: <b>10914</b>			
Density (g/ml) $d_4^{20} = 1.000-1.020$	RI: $n_D^{25} = 1.503-1.507$	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble		
Flash Point: 146°C Method: Closed Cup	Boiling Point: 105-110°C at 0.6 mm Hg	<input type="checkbox"/> FS Alcohol		
Vapor Press: 0.006 mm Hg, 20°C log K(ow): 2.27	Acid Number: $\leq 2.0$	<input type="checkbox"/> FS Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> SpS Water		
<b>CHROMATOGRAPHIC ANALYSIS</b> Purity: $\geq 97.0\%$				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID DB-5: 80°C (3 min HOLD) to 225°C at 20°C/min (hold 30')				
<b>REFERENCE NUMBERS</b>		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		<b>ODOR/TASTE</b>
FEMA/GRAS N°: 3696 Co. Europe N°: 10967 C.A.S. N°: 27593-23-3 EINECS N°: 248-552-3 TARIFF N°: 2932.29.5050		<b>NATURAL OCCURRENCE</b> Peach, plum, nectarine, grilled beef		Cocoa fruity, mushroom, blue cheese, dairy odor / Sweet cocoa fruity taste
<b>TRANSPORT:</b>				
Hazard: none	<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.			
SARA 313 LISTED: NO	4 I.M.D.G.			
SAFETY DATA: Available	TSCA: listed	<b>PACKING CONTAINERS:</b>		
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: $\leq -18^\circ\text{C}$ <input type="checkbox"/>				
$\leq 5^\circ\text{C}$ <input type="checkbox"/>				
Shelf Life: ~ 24 months	RT <input checked="" type="checkbox"/>			

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