

TECHNICAL DATA SHEET

11/24/2009

BENZYL BUTYRATE				
Benzyl n-butanoate				
Formula: C11 H14 O2	FW: 178.23	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless	Part Code: 10991		Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble	
Density (g/ml) $d_4^{20} = 1.006-1.009$	RI: $n_D^{25} = 1.492-1.496$	<input type="checkbox"/> FS Alcohol		
Flash Point: 107°C Method: Closed Cup	Boiling Point: 240°C	<input type="checkbox"/> I Propylene Glycol		
Vapor Press: 0.02 mm Hg, 20°C log K(ow): 3.06	Acid Number: ≤ 1.0	<input type="checkbox"/> FS Essential Oils		
CHROMATOGRAPHIC ANALYSIS		Purity: $\geq 98.0\%$		
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID DB-5: 100°C (3 min HOLD) to 225°C at 10°C/min				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE
FEMA/GRAS N°: 2140 Co. Europe N°: 277 C.A.S. N°: 103-37-7 EINECS N°: 203-105-1 TARIFF N°: 2915.60.1000		NATURAL OCCURRENCE Passion Fruit		Heavy, fruity, floral, plum-like odor /
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	Temperature: $\leq -18^\circ\text{C}$ <input type="checkbox"/>	<input checked="" type="checkbox"/> Epoxy-coated Steel Drums		
	$\leq 5^\circ\text{C}$ <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Stainless Steel Drums		
Shelf Life: ~ 3 months	RT <input 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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