

TECHNICAL DATA SHEET

11/25/2009

ISOBUTYL CINNAMATE, FCC				
Isobutyl 3-phenylpropenoate; 2-Methylpropyl cinnamate				
Formula: C ₁₃ H ₁₆ O ₂	FW: 204.26	Kosher: <input checked="" type="checkbox"/>		FCC: <input checked="" type="checkbox"/>
Appearance and Color: } Clear viscous liquid / Colorless	Part Code: 12454			
Density (g/ml) d ₄ ²⁰ = NA	RI: n _D ²⁵ = NA	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble		
Flash Point: 138°C Method: Closed Cup	Boiling Point: 271°C	<input type="checkbox"/> FS Alcohol	<input type="checkbox"/> I Propylene Glycol	
Vapor Press: 0.002 mm Hg, 20°C log K(ow): 3.76	Acid Number: ≤ 1.0	<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 DB-5: 120°C (0 min HOLD) to 225°C at 10°C/min. T~2.0				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE Sweet, fruity, peach, balsamic. / Sweet tast reminiscent of currant.
FEMA/GRAS N°: 2193 Co. Europe N°: 327 C.A.S. N°: 122-67-8 EINECS N°: 204-564-0 TARIFF N°: 2916.39.2000		NATURAL OCCURRENCE Kumquat peel oil.		
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: Esters, n.o.s	3 I.A.T.A.			
	4 I.M.D.G.			
SAFETY DATA: Available	TSCA: listed	PACKING CONTAINERS:		
STORAGE: Under Nitrogen	Temperature: ≤ -18°C <input type="checkbox"/> ≤ 5°C <input type="checkbox"/> Shelf Life: ~ 24 months RT <input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Epoxy-coated Steel Drums	
			<input type="checkbox"/> Stainless Steel Drums	
			<input type="checkbox"/> Aluminum Bottles	
			<input type="checkbox"/> Glass Bottles	
			<input checked="" type="checkbox"/> Plastic / Plastic-lined drums	

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