

TECHNICAL DATA SHEET

11/25/2009

ZESTORIL				
2,8 Epithio-p-Menthane; 4,7,7-Trimethyl-6-thiabicyclo[3.2.1]octane				
Formula: C ₁₀ H ₁₈ S	FW: 170.31	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Very pale yellow	Part Code: 13924			
Density (g/ml) _{d₄²⁰} = 0.990-1.000	RI: n _D ²⁵ = 1.515-1.615	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble		
Flash Point: 89°C Method: Closed Cup	Boiling Point: 80°C at 0.9 mm Hg	<input type="checkbox"/> FS Alcohol		
Vapor Press: 0.191 @ mm Hg, 20°C log K(ow): 3.95	Acid Number: ≤ 2.0	<input type="checkbox"/> I Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> I Water		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 84.0 %				
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 3°C/min				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE
FEMA/GRAS N°: 4108 Co. Europe N°: C.A.S. N°: 68398-18-5 EINECS N°: 269-970-2 TARIFF N°: 3302.10.1000		NATURAL OCCURRENCE Grapefruit Juice		Grapefruit-like /
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: ≤ -18°C <input type="checkbox"/>	<input type="checkbox"/> Epoxy-coated Steel Drums		
	≤ 5°C <input type="checkbox"/>	<input 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 checked="" type="checkbox"/> Plastic / Plastic-lined drums		

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