

TECHNICAL DATA SHEET

11/25/2009

ALPHA TERPINYL PROPIONATE				
3-Cyclohexene-1-methanol, alpha, alpha, 4-trimethyl-propanoate				
Formula: C13 H22 O2	FW: 210.32	Kosher: <input checked="" type="checkbox"/>		FCC: <input checked="" type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless to slightly yellow	Part Code: 13707		Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble	
Density (g/ml) $d_4^{20} = 0.947-0.952$	RI: $n_D^{25} = 1.462-1.468$	<input checked="" type="checkbox"/> FS Alcohol		
Flash Point: $>100^\circ\text{C}$ Method: Closed Cup	Boiling Point: 240°C	<input type="checkbox"/> I Propylene Glycol		
Vapor Press: 0.007 mm Hg, 20°C log K(ow): 4.83	Acid Number: ≤ 1.0	<input checked="" type="checkbox"/> FS Essential Oils		
CHROMATOGRAPHIC ANALYSIS		Purity: $\geq 93.5\%$		
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID DB-5: 100°C (0 min HOLD) to 225°C at 10°C/min. C~1.9,T~2.3		95.0 % two isomers		
REFERENCE NUMBERS	Natural/Nature Identical/Artificial: <input type="checkbox"/>	ODOR/TASTE		
FEMA/GRAS N°: 3053 Co. Europe N°: 423 C.A.S. N°: 80-27-3 EINECS N°: 201-266-2 TARIFF N°: 2915.50.2000	NATURAL OCCURRENCE Citrus fruits and celery.	Somewhat floral, lavender note / Bitter flavor		
TRANSPORT:				
Hazard:	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:	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 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 checked="" type="checkbox"/> Plastic / Plastic-lined drums		

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