

**TECHNICAL DATA SHEET**

11/25/2009

<b>MONOMENTHYL SUCCINATE</b>				
5-Methyl-2-(1-methylethyl)cyclohexyl butanedioic acid, mono ester				
Formula: C14 H24 O4	FW: 256.34	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Powder / White to off-white	Part Code: <b>13079</b>		Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble	
Density (g/ml) $d_4^{20}$ = NA	RI: $n_D^{25}$ = NA	<input type="checkbox"/> FS Alcohol	<input type="checkbox"/> FS Propylene Glycol	
Flash Point: 220°F Method: Closed Cup	Melting Point: 60-64°C	<input type="checkbox"/> I Essential Oils	<input type="checkbox"/> I Water	
Vapor Press: mm Hg, 20°C log K(ow):	Acid Number: ≤ NA			
<b>CHROMATOGRAPHIC ANALYSIS</b> Purity: ≥ 98.0 %				
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. Dissolve in CH2Cl2.				
<b>REFERENCE NUMBERS</b>		Natural/Nature Identical/Artificial: <input type="checkbox"/> Art		<b>ODOR/TASTE</b>
FEMA/GRAS N°: 3810 Co. Europe N°: C.A.S. N°: 77341-67-4 EINECS N°: TARIFF N°: 2915.60.5000		<b>NATURAL OCCURRENCE</b> Not reported in nature		Faint, nearly imperceptible. / Cool, minty, slightly bitter.
<b>TRANSPORT:</b>				
Hazard: None	<b>REGULATION</b>	<b>HAZ. CLASS</b>	<b>PG</b>	<b>UN N°</b>
Point 1 2 3 4 Not Regulated	1 R.T.M.D.			
	2 ADR/RID			
	3 I.A.T.A.			
Category / other info: Esters n.o.s	4 I.M.D.G.			
SAFETY DATA: Available	TSCA: Listed	<b>PACKING CONTAINERS:</b>		
STORAGE: Under Nitrogen	Temperature: ≤ -18°C <input type="checkbox"/>	<input checked="" 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 type="checkbox"/> Aluminum Bottles		
		<input checked="" type="checkbox"/> Glass Bottles		
		<input checked="" type="checkbox"/> Plastic / Plastic-lined drums		

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