

TECHNICAL DATA SHEET

11/24/2009

ETHYL 3-HYDROXY HEXANOATE		<chem>CCCC(O)CC(=O)OCC</chem>		
Ethyl 3-Hydroxy Caproate				
Formula: C8 H16 O3	FW: 160.21	Kosher: <input checked="" type="checkbox"/>	FCC: <input type="checkbox"/>	
Appearance and Color: } Clear liquid / Colorless	Part Code: 11684			
Density (g/ml) $d_4^{20} = 0.967-0.980$	RI: $n_D^{25} = 1.425-1.429$	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble		
Flash Point: 100°C Method: Closed Cup	Boiling Point: 63°C at 0.2 mm Hg	<input type="checkbox"/> FS Alcohol		
Vapor Press: 0.2 mm Hg, 20°C log K(ow): 1.29	Acid Number: ≤ 2.0	<input type="checkbox"/> FS Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> I Water		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 95.0 %				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID AT-AquaWax: 140°C (12 min HOLD) to 225°C at 10°C/min				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE
FEMA/GRAS N°: 3545 Co. Europe N°: 4101 C.A.S. N°: 2305-25-1 EINECS N°: 218-973-7 TARIFF N°: 2918.19.9000		NATURAL OCCURRENCE Citrus fruits, grape, pineapple, passion fruit. Useful in citrus flavors to bring about a juicy effect.		Powerful fruity, fresh, green odor. / Fruity, juicy taste
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.			
Esters, n.o.s.	4 I.M.D.G.			
SAFETY DATA: Available	TSCA: Listed	PACKING CONTAINERS:		
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: ~ 24 months	RT <input checked="" 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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