

TECHNICAL DATA SHEET

11/24/2009

C3 HEXENOIC ACID					
(Z)-3-Hexenoic acid					
Formula: C6 H10 O2	FW: 114.15	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>	
Appearance and Color: } Clear oily liquid / Colorless				Part Code: 12034	
Density (g/ml) $d_4^{20} = 0.958-0.971$	RI: $n_D^{25} = 1.439-1.445$	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>			
Flash Point: 108°C Method: Closed Cup	Boiling Point: 106-110°C at 16 mm Hg	<input type="checkbox"/> FS Alcohol			
Vapor Press: mm Hg, 20°C log K(ow):	Acid Number: ≤ NA	<input type="checkbox"/> FS Propylene Glycol			
		<input type="checkbox"/> FS Essential Oils			
		<input type="checkbox"/> I Water			
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 90.0 %					
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID FIO: report % T3 AT-AquaWax: 140°C (5 min HOLD) to 225°C at 10°C/min. (11.5 min. HOLD). T3 elutes just before C3, RRT~0.98.					
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI	ODOR/TASTE		
FEMA/GRAS N°: 3170 Co. Europe N°: 2256 C.A.S. N°: 1775-43-5 EINECS N°: 217-205-8 TARIFF N°: 2916.19.3000		NATURAL OCCURRENCE Banana, grape, white wine, beer, cocoa, tea, yellow passion fruit, raspberry, kiwi fruit, black choke cherry.		Powerful fruity, honey odor. / Slightly acidic, sweet, fruity, honey taste.	
TRANSPORT:					
Hazard: none	REGULATION	HAZ. CLASS	PG	UN N°	
Point 2	1 R.T.M.D.	8	III	3265	
Not Regulated	2 ADR/RID				
Category / other info:	3 I.A.T.A.	8	III	3265	
	4 I.M.D.G.	8	III	3265	
SAFETY DATA: Available	TSCA: listed	PACKING CONTAINERS:			
STORAGE: Under Nitrogen	<input type="checkbox"/> Epoxy-coated Steel Drums <input type="checkbox"/> Stainless Steel Drums <input type="checkbox"/> Aluminum Bottles <input checked="" type="checkbox"/> Glass Bottles <input checked="" type="checkbox"/> Plastic / Plastic-lined drums				
Temperature: ≤ -18°C <input type="checkbox"/>					
Shelf Life: ~ 8 months					
	≤ 5°C <input type="checkbox"/>				
	RT <input checked="" type="checkbox"/>				

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