

TECHNICAL DATA SHEET

11/24/2009

C3 HEXENYL CROTONATE				
(Z)-3-Hexenyl (E)-2-butenate; C3 Hexenyl T2 butenoate; Pipyl crotonate				
Formula: C10 H16 O2	FW: 168.23	Kosher: <input type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless	Part Code: 12150			
Density (g/ml) $d_4^{20} = 0.905-0.915$	RI: $n_D^{25} = 1.450-1.460$	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble		
Flash Point: 202°F Method: Closed Cup	Boiling Point: 107° @ 25 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				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID AT-AquaWax: 90°C (5 min HOLD) to 225°C at 10°C/min		Purity: ≥ 97.0 % C3 98.0 % C3 + T3 isomers		
REFERENCE NUMBERS	Natural/Nature Identical/Artificial: <input type="checkbox"/> NI	ODOR/TASTE		
FEMA/GRAS N°: 3982 Co. Europe N°: C.A.S. N°: 65405-80-3 EINECS N°: 265-746-3 TARIFF N°: 2916.19.5000	NATURAL OCCURRENCE	Green, fruity, plum-like top note / Weak fruity green-apple		
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: ~ 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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