

TECHNICAL DATA SHEET

11/24/2009

HEXYL PROPIONATE		$\text{CH}_3-\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}-(\text{CH}_2)_5-\text{CH}_3$		
Hexyl Propanoate				
Formula: C ₉ H ₁₈ O ₂	FW: 158.24	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless to pale yellow	Part Code: 12321			
Density (g/ml) _{d₄²⁰} = 0.863-0.874	RI: n _D ²⁵ = 1.409-1.415	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble		
Flash Point: 65°C Method: Closed Cup	Boiling Point: 180°C	<input type="checkbox"/> FS Alcohol		
Vapor Press: 0.3 mm Hg, 20°C log K(ow): 3.32	Acid Number: ≤ 1.5	<input type="checkbox"/> FS Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> I Water		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 98.0 %				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID DB-5: 80°C (0 min HOLD) to 225°C at 10°C/min				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE
FEMA/GRAS N°: 2576 Co. Europe N°: 420 C.A.S. N°: 2445-76-3 EINECS N°: 219-495-1 TARIFF N°: 2915.50.5000		NATURAL OCCURRENCE Apple, hops, apricot, melon, passion fruit, plum, gruyere cheese, chamomile oil.		Earthy acrid odor, suggestive of rotting fruit / Metallic fruity apple 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			
<u>Category / other info:</u>	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 type="checkbox"/> Glass Bottles		
		<input type="checkbox"/> Plastic / Plastic-lined drums		

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