

TECHNICAL DATA SHEET

11/24/2009

BUTYL HEXANOATE		$\text{CH}_3 - (\text{CH}_2)_4 - \text{C}(=\text{O}) - \text{O} - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_3$		
Butyl Caproate				
Formula: C10 H20 O2	FW: 172.27	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless	Part Code: 11124			
Density (g/ml) $d_4^{20} = 0.860-0.864$	RI: $n_D^{25} = 1.414-1.417$	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: 81°C Method: Closed Cup	Boiling Point: 99°C at 20 mm Hg	<input type="checkbox"/> FS Alcohol		
Vapor Press: 0.1 mm Hg, 20°C log K(ow): 3.81	Acid Number: ≤ 2.0	<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 AT-AquaWax: 140°C (5 min HOLD) to 225°C at 10°C/min				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/>		ODOR/TASTE
FEMA/GRAS N°: 2201 Co. Europe N°: 313 C.A.S. N°: 626-82-4 EINECS N°: 210-964-6 TARIFF N°: 2915.90.1050		NATURAL OCCURRENCE Apple, banana, citrus fruits, pear, strawberry, plum, tomato		Pineapple-like odor, somewhat soapy / Sweet fruity pineapple-like taste in aqueous media.
TRANSPORT:				
Hazard:	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.			
	4 I.M.D.G.			
SAFETY DATA: Available	TSCA:	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 checked="" type="checkbox"/> Stainless Steel Drums		
Shelf Life: ~ 6 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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