

TECHNICAL DATA SHEET

11/24/2009

n-BUTYL PROPIONATE		$\text{H}_3\text{C}-\text{CH}_2-\text{C}(=\text{O})-\text{O}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_3$		
n-Butyl Propanoate				
Formula: C7 H14 O2	FW: 130.18	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless to pale yellow	Part Code: 11159			
Density (g/ml) $d_4^{20} = 0.868-0.883$	RI: $n_D^{25} = 1.397-1.405$	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: 39°C Method: Closed Cup	Boiling Point: 145-146°C	<input type="checkbox"/> FS Alcohol	<input type="checkbox"/> Propylene Glycol	
Vapor Press: 2.7 mm Hg, 20°C log K(ow): 2.34	Acid Number: ≤ 1.0	<input type="checkbox"/> SpS Water	Slightly	
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 98.0 %				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID DB-5: 60°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°: 2211 Co. Europe N°: 405 C.A.S. N°: 590-01-2 EINECS N°: 209-669-5 TARIFF N°: 2915.50.1000		NATURAL OCCURRENCE Fresh apple, apple juice, melon strawberry, plum		Earthy, faintly sweet / Apricot-like
TRANSPORT:				
Hazard: Flammable	REGULATION	HAZ. CLASS	PG	UN N°
Point 1 2 4	1 R.T.M.D.			
Not Regulated	2 ADR/RID			
Category / other info: Butyl propionates	3 I.A.T.A.	3	309/310 III	1914
	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 type="checkbox"/> Glass Bottles		
		<input checked="" type="checkbox"/> Plastic / Plastic-lined drums		

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