

TECHNICAL DATA SHEET

11/25/2009

3,4-Hexanedione		$\begin{array}{c} \text{O} \quad \text{O} \\ \quad \\ \text{Et} - \text{C} - \text{C} - \text{Et} \end{array}$			
Formula: C ₆ H ₁₀ O ₂	FW: 114.15	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>	
Appearance and Color: } Liquid / Yellow to amber				Part Code: 50012	
Density (g/ml) _{d₄²⁰} = 0.940 - 0.949	RI: n _D ²⁵ = 1.406 - 1.412	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>			
Flash Point: 29°C Method: Closed Cup	Boiling Point: 130°C	<input type="checkbox"/> S Alcohol			
Vapor Press: mm Hg, 20°C log K(ow):	Acid Number: ≤ NA	<input type="checkbox"/> S Propylene Glycol			
		<input type="checkbox"/> S Essential Oils			
		<input type="checkbox"/> I Water			
CHROMATOGRAPHIC ANALYSIS Purity: ≥ NLT 95%					
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID 150°C					
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/>		ODOR/TASTE	
FEMA/GRAS N°: 3168 Co. Europe N°: 2255 C.A.S. N°: 4437-51-8 EINECS N°: 224-651-7 TARIFF N°: 2914.19.0000		NATURAL OCCURRENCE		Butyric sweet odor /	
TRANSPORT:					
Hazard: Flammable	REGULATION	HAZ. CLASS	PG	UN N°	
Point	1 R.T.M.D.	3	III	1224	
Not Regulated	2 ADR/RID	3	III	1224	
<u>Category / other info:</u>	3 I.A.T.A.	3	III	1224	
	4 I.M.D.G.	3	III	1224	
SAFETY DATA: Available	TSCA: Listed	PACKING CONTAINERS:			
STORAGE: Under Nitrogen	<input checked="" type="checkbox"/> Epoxy-coated Steel Drums <input checked="" type="checkbox"/> Stainless Steel Drums <input checked="" type="checkbox"/> Aluminum Bottles <input checked="" type="checkbox"/> Glass Bottles <input type="checkbox"/> Plastic / Plastic-lined drums				
Temperature: ≤ -18°C <input type="checkbox"/>					
≤ 5°C <input checked="" type="checkbox"/>					
Shelf Life: ~ 12 months RT <input type="checkbox"/>					

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