

TECHNICAL DATA SHEET

11/24/2009

n-HEPTANAL		$\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{H}$		
Aldehyde C7				
Formula: C7 H14 O	FW: 114.19	Kosher: <input checked="" type="checkbox"/>		FCC: <input checked="" type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless to slightly yellow				Part Code: 11887
Density (g/ml) _{d₄²⁰} = NA	RI: n _D ²⁵ = NA	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: 45°C Method: Closed Cup	Boiling Point: 153°C	<input type="checkbox"/> FS Alcohol		
Vapor Press: mm Hg, 20°C log K(ow): 2.29	Acid Number: ≤ 5.0	<input type="checkbox"/> I Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> I Water		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 92.0 %				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID AT-AquaWax: 100°C (10 min HOLD) to 225°C at 10°C/min (10 min HOLD)				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/>		ODOR/TASTE
FEMA/GRAS N°: 2540 Co. Europe N°: 117 C.A.S. N°: 111-71-7 EINECS N°: 203-898-4 TARIFF N°: 2912.19.2000		NATURAL OCCURRENCE Constituent of the essential oils of ylang-ylang, clary sage, California lemon, bitter orange, rose and hyacinth		Harsh, pungent odor / Unpleasant, fatty taste
TRANSPORT:				
Hazard:	REGULATION	HAZ. CLASS	PG	UN N°
Point 1 2 4	1 R.T.M.D.			
Not Regulated	2 ADR/RID			
<u>Category / other info:</u>	3 I.A.T.A.	3	309/310 III	3056
	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 type="checkbox"/> Stainless Steel Drums		
Shelf Life: ~ 6 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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