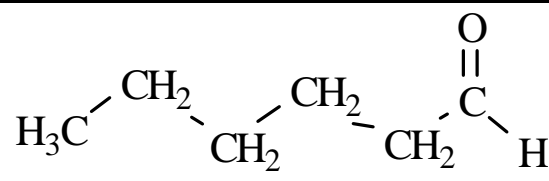


**TECHNICAL DATA SHEET**

11/24/2009

<b>1-HEXANAL</b>				
n-Hexanal; Caproaldehyde; Caproic Aldehyde; Hexaldehyde; Aldehyde-C6				
Formula: C6 H12 O	FW: 100.16	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Almost colorless	Part Code: <b>11985</b>			
Density (g/ml) d <sub>4</sub> <sup>20</sup> = 0.808-0.817	RI: n <sub>D</sub> <sup>25</sup> = 1.402-1.407	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble		
Flash Point: 90°F Method: Closed Cup	Boiling Point: 131°C	<input type="checkbox"/> FS Alcohol		
Vapor Press: 8.2 mm Hg, 20°C log K(ow): 1.8	Acid Number: ≤ 10.0	<input type="checkbox"/> FS Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> SpS Water Very slightly		
<b>CHROMATOGRAPHIC ANALYSIS</b> Purity: ≥ 97.5 %				
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)				
<b>REFERENCE NUMBERS</b>		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		<b>ODOR/TASTE</b>
FEMA/GRAS N°: 2557 Co. Europe N°: 96 C.A.S. N°: 66-25-1 EINECS N°: 200-624-5 TARIFF N°: 2912.19.2000		<b>NATURAL OCCURRENCE</b>		Fatty, green, grassy /
		Apple, apricot, banana, sweet and sour cherry, citrus peel oils, berries, guava, melon, raisins, leeks, peach, pear, papaya, pineapple, asparagus, cabbage, celery, carrot, lettuce, onion, ginger.		
<b>TRANSPORT:</b>				
Hazard: Flammable	<b>REGULATION</b>	<b>HAZ. CLASS</b>	<b>PG</b>	<b>UN N°</b>
Point 1 2 4	1 R.T.M.D.			
Not Regulated	2 ADR/RID			
Category / other info: Aldehydes, n.o.s.	3 I.A.T.A.	3	309/310 III	1207
	4 I.M.D.G.			
SAFETY DATA: Available	TSCA: Listed	<b>PACKING CONTAINERS:</b>		
STORAGE: Under Nitrogen		<input checked="" type="checkbox"/> Epoxy-coated Steel Drums		
Temperature: ≤ -18°C <input type="checkbox"/>		<input type="checkbox"/> Stainless Steel Drums		
≤ 5°C <input type="checkbox"/>		<input type="checkbox"/> Aluminum Bottles		
Shelf Life: ~ 27 months	RT <input checked="" type="checkbox"/>	<input type="checkbox"/> Glass Bottles		
		<input checked="" type="checkbox"/> Plastic / Plastic-lined drums		

Unless otherwise noted, this data sheet is for your information only and Fontarôme Chemical cannot be held responsible for its contents.