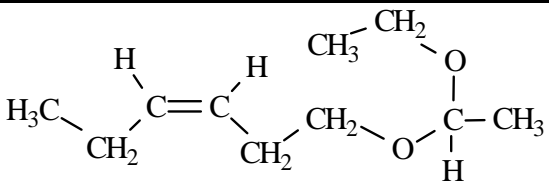


**TECHNICAL DATA SHEET**

11/25/2009

<b>LEAF ACETAL</b>				
Acetaldehyde ethyl (Z)-3-hexenyl acetal; Acetaldehyde ethyl cis-3-hexenyl acetal; cis-1-(1-Ethoxyethoxy)-3-hexene				
Formula: C <sub>10</sub> H <sub>20</sub> O <sub>2</sub>	FW: 172.27	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear mobile liquid / Colorless	Part Code: <b>12587</b>			
Density (g/ml) <sub>d<sub>4</sub><sup>20</sup></sub> = 0.8475-0.857	RI: n <sub>D</sub> <sup>25</sup> = NA	Soluble in: <small>Code: FS=Freely, SpS=Sparsingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: 71°C Method: Closed Cup	Boiling Point: 90°C at 30 mm Hg	<input type="checkbox"/> FS Alcohol		
Vapor Press: mm Hg, 20°C log K(ow): 2.95	Acid Number: ≤ 2.0	<input type="checkbox"/> I Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> I Water		
<b>CHROMATOGRAPHIC ANALYSIS</b> Purity: ≥ 98.0 %				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID AT-AquaWax: 120°C (9 min HOLD) to 225°C at 10°C/min				
<b>REFERENCE NUMBERS</b>		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		<b>ODOR/TASTE</b>
FEMA/GRAS N°: 3775 Co. Europe N°: 10034 C.A.S. N°: 28069-74-1 EINECS N°: 248-817-3 TARIFF N°: 2911.00.5000		<b>NATURAL OCCURRENCE</b> Apple, banana, mandarin, grape, raspberry, leek, tomato, dill.		Earthy mushroom-like odor. / Mushroom taste in dilution.
<b>TRANSPORT:</b>				
Hazard: none	<b>REGULATION</b>	<b>HAZ. CLASS</b>	<b>PG</b>	<b>UN N°</b>
Point 1 2 3 4 Not Regulated	1 R.T.M.D.			
	2 ADR/RID			
	3 I.A.T.A.			
	4 I.M.D.G.			
Category / other info:	TSCA: listed		<b>PACKING CONTAINERS:</b>	
SAFETY DATA: Available			<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	
STORAGE: Under Nitrogen	Temperature: ≤ -18°C <input type="checkbox"/>			
	≤ 5°C <input type="checkbox"/>			
Shelf Life: ~ 18 months	RT <input checked="" type="checkbox"/>			

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