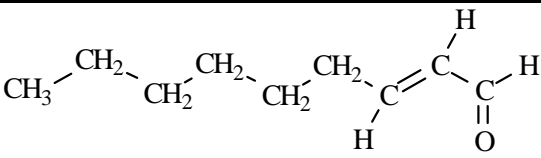


**TECHNICAL DATA SHEET**

11/25/2009

<b>T2 NONENAL</b>					
(E)-2-Nonenal, cis-2-Nonen-1-aldehyde					
Formula: C <sub>9</sub> H <sub>16</sub> O	FW: 140.22	Kosher: <input checked="" type="checkbox"/>		FCC: <input checked="" type="checkbox"/>	
Appearance and Color: } Clear liquid / Colorless to pale yellow				Part Code: <b>13168</b>	
Density (g/ml) d <sub>4</sub> <sup>20</sup> = NA	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: 84°C Method: Closed Cup	Boiling Point: 88°C at 12 mm Hg	<input type="checkbox"/> FS	Alcohol		
		<input type="checkbox"/> FS	Propylene Glycol		
		<input type="checkbox"/> FS	Essential Oils		
Vapor Press: 0.2 mm Hg, 20°C log K(ow): 3.06	Acid Number: ≤ 5.0	<input type="checkbox"/> I	Water		
<b>CHROMATOGRAPHIC ANALYSIS</b> Purity: ≥ 95.0 %					
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)					
<b>REFERENCE NUMBERS</b>		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		<b>ODOR/TASTE</b>	
FEMA/GRAS N°: 3213 Co. Europe N°: 733 C.A.S. N°: 18829-56-6 EINECS N°: 219-562-5 TARIFF N°: 2912.19.2000		<b>NATURAL OCCURRENCE</b> Mandarin, melon, asparagus, peas, carrot, potato, cucumber, tomato		Powerful fried fatty odor with citrus-like background / Slightly oily fried taste with orris undertone	
<b>TRANSPORT:</b>					
Hazard: none	<b>REGULATION</b>	<b>HAZ. CLASS</b>	<b>PG</b>	<b>UN N°</b>	
Point 3 4	1 R.T.M.D.	3	30354		
Not Regulated	2 ADR/RID	3	2301/4°	1989	
Category / other info:	3 I.A.T.A.				
SARA 313 listed: NO	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 checked="" type="checkbox"/> Stainless Steel Drums			
≤ 5°C <input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Aluminum Bottles			
Shelf Life: ~ 6 months	RT <input type="checkbox"/>	<input checked="" type="checkbox"/> Glass Bottles			
		<input 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.