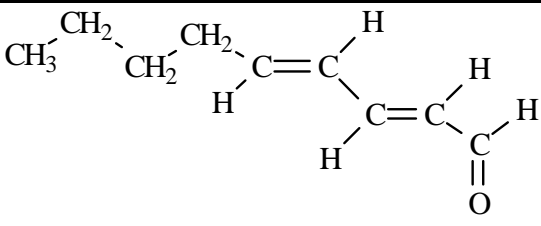


TECHNICAL DATA SHEET

11/25/2009

T2 T4 NONADIENAL						
(E),(E)-2,4-Nonadienal						
Formula: C ₉ H ₁₄ O	FW: 138.21	Kosher: <input checked="" type="checkbox"/>		FCC: <input checked="" type="checkbox"/>		
Appearance and Color: } Oily liquid / Pale yellow to yellow				Part Code: 13112		
Density (g/ml) $d_4^{20} = 0.795-0.915$	RI: $n_D^{25} = 1.437-1.477$	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>				
Flash Point: 90°C Method: Closed Cup	Boiling Point: 97°C at 10 mm Hg	<input type="checkbox"/> FS	Alcohol			
		<input type="checkbox"/> FS	Propylene Glycol			
		<input type="checkbox"/> FS	Essential Oils			
Vapor Press: 0.004 mm Hg, 20°C log K(ow): 4.91	Acid Number: ≤ 5.0	<input type="checkbox"/> I	Water			
CHROMATOGRAPHIC ANALYSIS						
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)			Purity: ≥ 90.0 % T2T4 95.0 % T2T4 + C2T4 isomers 6-9.0% T2C4 Isomer			
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE		
FEMA/GRAS N°: 3212 Co. Europe N°: 732 C.A.S. N°: 5910-87-2 EINECS N°: 227-629-5 TARIFF N°: 2912.19.2000		NATURAL OCCURRENCE Grape, peas, potato chips, baked potato, tea		Strong fatty, green, floral, tropical odor /		
TRANSPORT:						
Hazard: None	REGULATION	HAZ. CLASS	PG	UN N°		
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	PACKING CONTAINERS:				
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 checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Aluminum Bottles				
Shelf Life: ~ 24 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.