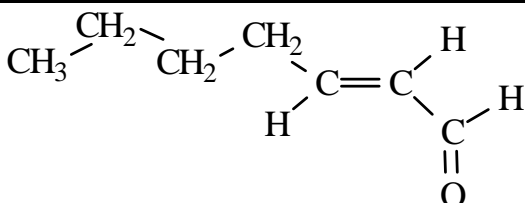


TECHNICAL DATA SHEET

11/24/2009

T2 HEPTENAL					
(E)-2-Heptenal; (E)-2-Hepten-1-al; 3-Butylacrolein					
Formula: C7 H12 O	FW: 112.17	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>	
Appearance and Color: } Clear liquid / Colorless to pale yellow				Part Code: 11922	
Density (g/ml) _{d₄²⁰} = 0.840-0.850	RI: n _D ²⁵ = 1.445-1.451	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>			
Flash Point: 57°C Method: Closed Cup	Boiling Point: 75°C at 40 mm Hg	<input type="checkbox"/> FS	Alcohol		
		<input type="checkbox"/> FS	Propylene Glycol		
		<input type="checkbox"/> I	Essential Oils		
Vapor Press: 1.1 mm Hg, 20°C log K(ow): 2.07	Acid Number: ≤ 5.0	<input type="checkbox"/> I	Water		
CHROMATOGRAPHIC ANALYSIS 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)					
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE	
FEMA/GRAS N°: 3165 Co. Europe N°: 730 C.A.S. N°: 18829-55-5 EINECS N°: 242-608-0 TARIFF N°: 2912.19.2000		NATURAL OCCURRENCE Apple, grape, cranberry, peas, melon, potato, tomato, olives, asparagus, soybean oil.		Green vegetable-like odor, with fatty undertone. / Intense green, sweet, fresh fruity apple skin nuances.	
TRANSPORT:					
Hazard: Flammable	REGULATION	HAZ. CLASS	PG	UN N°	
Point 4	1 R.T.M.D.	3	30304		
Not Regulated	2 ADR/RID	3	2301/4°	1988	
Category / other info: aldehydes, toxic n.o.s.	3 I.A.T.A.	3	III	1988	
	4 I.M.D.G.				
SAFETY DATA: Available	TSCA: Listed	PACKING CONTAINERS:			
STORAGE: Under Nitrogen	Temperature: ≤ -18°C <input type="checkbox"/> ≤ 5°C <input checked="" type="checkbox"/> Shelf Life: ~ 12 months RT <input type="checkbox"/>		<input checked="" type="checkbox"/> Epoxy-coated Steel Drums		
			<input type="checkbox"/> Stainless Steel Drums		
			<input checked="" type="checkbox"/> Aluminum Bottles		
				<input checked="" 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.