

TECHNICAL DATA SHEET

11/25/2009

OCTANOIC ACID, Natural		$\text{CH}_3 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{C}(=\text{O})\text{OH}$		
CAPRYLIC ACID				
Formula: C8 H16 O2	FW: 144.22	Kosher: <input checked="" type="checkbox"/>		FCC: <input checked="" type="checkbox"/>
Appearance and Color: } Clear oily liquid / Colorless to yellow	Part Code: 13196			
Density (g/ml) $d_4^{20} = \text{NA}$	RI: $n_D^{25} = \text{NA}$	Soluble in: <small>Code: FS=Freely, SpS=Sparsingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: >230°F (110°C) Method: Closed Cup	Melting Point: 16-16.5°C	<input type="checkbox"/> FS Alcohol		
Vapor Press: 0.01 mm Hg, 20°C log K(ow): 3.03	Acid Number: ≤ 366-396 (Co	<input type="checkbox"/> FS Propylene Glycol		
		<input type="checkbox"/> I Essential Oils		
		<input type="checkbox"/> FS Water		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 99.0 %				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID AT-AquaWax: 140°C (5 min HOLD) to 225°C at 10°C/min. (11.5 min. HOLD)				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> I		ODOR/TASTE
FEMA/GRAS N°: 2799 Co. Europe N°: 10 C.A.S. N°: 124-07-2 EINECS N°: 204-677-5 TARIFF N°: 2915.90.1050		NATURAL OCCURRENCE Coconut oil, palm nut oil, butter fat, and traces in raw soybeans, camphor, nutmeg, lemongrass, lime, chamomile, hops, and many other fruits and vegetables.		Musty, unpleasant odor. / Burning, rancid taste
TRANSPORT:				
Hazard: Corrosive	REGULATION	HAZ. CLASS	PG	UN N°
Point 1 2 3 4	1 R.T.M.D.			
Not Regulated	2 ADR/RID			
<u>Category / other info:</u>	3 I.A.T.A.			
	4 I.M.D.G.			
SAFETY DATA: Available	TSCA:	PACKING CONTAINERS:		
STORAGE: Under Nitrogen	Temperature: ≤ -18°C <input type="checkbox"/>	<input type="checkbox"/> Epoxy-coated Steel Drums		
	≤ 5°C <input type="checkbox"/>	<input type="checkbox"/> Stainless Steel Drums		
Shelf Life: ~ 12 months	RT <input checked="" type="checkbox"/>	<input 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.