

TECHNICAL DATA SHEET

11/24/2009

Capric Acid		$\text{H}_3\text{C}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{C}(=\text{O})\text{OH}$		
n-Decanoic Acid				
Formula: C ₁₀ H ₂₀ O ₂	FW: 172.27	Kosher: <input checked="" type="checkbox"/>		FCC: <input checked="" type="checkbox"/>
Appearance and Color: } Crystals / White to pale yellow.	Part Code: 11439			
Density (g/ml) d_4^{20} = NA	RI: n_D^{25} = NA	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble		
Flash Point: 146°C Method: Closed Cup	Melting Point: 27-32°C	<input type="checkbox"/> FS Alcohol		
Vapor Press: <0.001 mm Hg, 20°C log K(ow): 4.02	Acid Number: ≤ 320-329 (Co	<input type="checkbox"/> FS Propylene Glycol		
		<input type="checkbox"/> SpS Essential Oils		
		<input type="checkbox"/> SpS Water		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 98.0 %				
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"/>		ODOR/TASTE
FEMA/GRAS N°: 2364 Co. Europe N°: 11 C.A.S. N°: 334-48-5 EINECS N°: 206-376-4 TARIFF N°: 2915.90.1050		NATURAL OCCURRENCE Found in apple, beer, preferments of bread, butter, oil, cheese, bleu cheese, Romano cheese, cheddar cheese, Roquefort cheese, roasted cocoa bean, cognac, wine, etc.		Characteristic unpleasant, rancid odor /
TRANSPORT:				
Hazard:	REGULATION	HAZ. CLASS	PG	UN N°
Point 1 2 3 4	1 R.T.M.D.			
Not Regulated	2 ADR/RID			
Category / other info:	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: ~ 6 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.