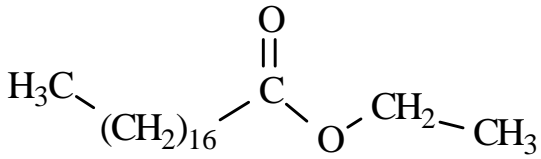


TECHNICAL DATA SHEET

11/24/2009

ETHYL STEARATE				
Ethyl Octadecanoate				
Formula: C ₂₀ H ₄₀ O ₂	FW: 312.54	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Crystalline powder / White to off-white	Part Code: 11740			
Density (g/ml) d_4^{20} = NA	RI: n_D^{25} = NA	Soluble in: <small>Code: FS=Freely, SpS=Sparsingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: >110°C Method: Closed Cup	Boiling Point: 318°C	<input type="checkbox"/> FS Alcohol		
Vapor Press: <0.001 mm Hg, 20°C log K(ow): 8.72	Acid Number: ≤ 2.0	<input type="checkbox"/> I Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> I Water		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 94.0 %				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID DB-5: 160°C (0 min HOLD) to 225°C at 10°C/min (30 min HOLD)				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/>		ODOR/TASTE
FEMA/GRAS N°: 3490 Co. Europe N°: 745 C.A.S. N°: 111-61-5 EINECS N°: 203-887-4 TARIFF N°: 2915.90.5000		NATURAL OCCURRENCE Reported found in Jamaican rum, maple syrup		Virtually odorless / Very faint waxy taste or mouthfeel
TRANSPORT:				
Hazard:	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.			
MP 35-38°C	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 checked="" type="checkbox"/> Stainless Steel Drums		
Shelf Life: ~ 24 months	RT <input checked="" type="checkbox"/>	<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.