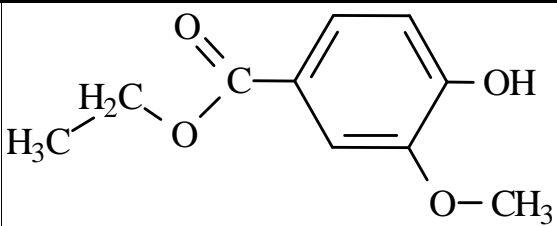


TECHNICAL DATA SHEET

11/24/2009

ETHYL VANILLATE				
Ethyl 4-Hydroxy-3-Methoxybenzoate				
Formula: C ₁₀ H ₁₂ O ₄	FW: 196.20	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Solid or liquid. See MP note. / White to off-white. Colorless if liq.	Part Code: 11766			
Density (g/ml) _{d₄²⁰} = NA	RI: n _D ²⁵ = 1.546 on melted materi	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: >100°C Method: Closed Cup	Melting Point: 42-46 °C	<input type="checkbox"/> FS Alcohol		
Vapor Press: mm Hg, 20°C log K(ow): 2.31	Acid Number: ≤ 2.0	<input type="checkbox"/> SpS Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> I Water		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 98.0%				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID DB-5: 100°C (0 min HOLD) to 225°C at 10°C/min. C~1.9,T~2.3.				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI		ODOR/TASTE Warm floral, phenolic, long lasting / Vanilla-like with brandy undertone
FEMA/GRAS N°: Co. Europe N°: 2302 C.A.S. N°: 617-05-0 EINECS N°: 210-503-9 TARIFF N°: 2916.31.2000		NATURAL OCCURRENCE Rum, whiskey, wines, shoyu and saki		
TRANSPORT:				
Hazard: None	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 checked="" type="checkbox"/> Epoxy-coated Steel Drums		
	≤ 5°C <input type="checkbox"/>	<input 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 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.