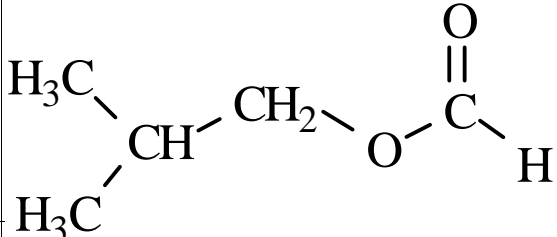


TECHNICAL DATA SHEET

11/25/2009

ISOBUTYL FORMATE				
2-methylpropyl formate; teryl formate				
Formula: C5 H10 O2	FW: 102.13	Kosher: <input checked="" type="checkbox"/> FCC: <input type="checkbox"/>		
Appearance and Color: } Clear liquid / Colorless	Part Code: 12468			
Density (g/ml) d_4^{20} = 0.880-0.890	RI: n_D^{25} = 1.383-1.385	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: 10°C Method: Closed Cup	Boiling Point: 98-99°C	<input type="checkbox"/> FS Alcohol		
Vapor Press: 30 mm Hg, 20°C log K(ow): 1.23	Acid Number: ≤ 2.0	<input type="checkbox"/> I Propylene Glycol		
		<input type="checkbox"/> I Essential Oils		
		<input type="checkbox"/> I Water (Slightly)		
CHROMATOGRAPHIC ANALYSIS Purity: ≥ 98.0 %				
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID DB-5: 60°C (5 min HOLD) to 225°C at 20°C/min				
REFERENCE NUMBERS		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI	ODOR/TASTE	
FEMA/GRAS N°: 2197 Co. Europe N°: 502 C.A.S. N°: 542-55-2 EINECS N°: 208-818-1 TARIFF N°: 2915.13.5000		NATURAL OCCURRENCE Reported found in pineapple and apple; in vinegar		Fruity, ether-like odor / Sweet taste reminiscent of rum
TRANSPORT:				
Hazard: Flammable	REGULATION	HAZ. CLASS	PG	UN N°
Point 1 2 4	1 R.T.M.D.			
Not Regulated	2 ADR/RID			
Category / other info:	3 I.A.T.A.	3	305/307 II	2393
SARA 313 listed: NO	4 I.M.D.G.			
SAFETY DATA: Available	TSCA: Listed	PACKING CONTAINERS:		
STORAGE: Under Nitrogen		<input checked="" type="checkbox"/> Epoxy-coated Steel Drums		
Temperature: ≤ -18°C <input type="checkbox"/>		<input type="checkbox"/> Stainless Steel Drums		
≤ 5°C <input checked="" type="checkbox"/>		<input checked="" type="checkbox"/> Aluminum Bottles		
Shelf Life: ~ 24 months	RT <input type="checkbox"/>	<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.