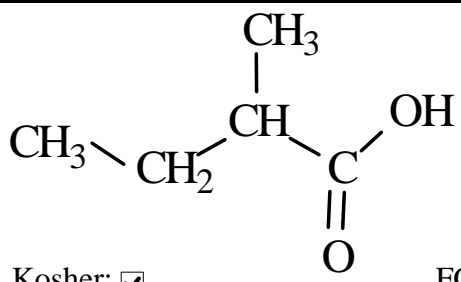


TECHNICAL DATA SHEET

11/25/2009

2-METHYL BUTYRIC ACID				
Methylethylacetic acid				
Formula: C5 H10 O2	FW: 102.13	Kosher: <input checked="" type="checkbox"/>		FCC: <input checked="" type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless to pale yellow	Part Code: 12818			
Density (g/ml) $d_4^{20} = 0.932-0.936$	RI: $n_D^{25} = 1.404-1.408$	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: 73°C Method: Closed Cup	Boiling Point: 176°C	<input type="checkbox"/> FS Alcohol		
Vapor Press: 0.3 mm Hg, 20°C log K(ow): 1.49	Acid Number: ≤ NA	<input type="checkbox"/> FS Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> FS Water	28.1 g/100 m	
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"/> NI		ODOR/TASTE Pungent acrid odor similar to Roquefort cheese. / Acrid taste; pleasant, fruity taste at low dilutions
FEMA/GRAS N°: 2695 Co. Europe N°: 2002 C.A.S. N°: 116-53-0 EINECS N°: 204-145-2 TARIFF N°: 2915.90.1050		NATURAL OCCURRENCE Angelica root oil, lavender oil, coffee		
TRANSPORT:				
Hazard: Corrosive	REGULATION	HAZ. CLASS	PG	UN N°
Point 1	1 R.T.M.D.			
Not Regulated	2 ADR/RID	8	32c	1760
<small>Category / other info:</small>	3 I.A.T.A.	8	808/812 II	3265
Corrosive liquid, acidic, organic	4 I.M.D.G.	8	700 760	3265
SAFETY DATA: Available	TSCA: Listed	PACKING CONTAINERS:		
STORAGE: Under Nitrogen	<input type="checkbox"/> Epoxy-coated Steel Drums <input type="checkbox"/> Stainless Steel Drums <input type="checkbox"/> Aluminum Bottles <input checked="" type="checkbox"/> Glass Bottles <input checked="" type="checkbox"/> Plastic / Plastic-lined drums			
Temperature: ≤ -18°C <input type="checkbox"/>				
Shelf Life: ~ 24 months				
	≤ 5°C <input type="checkbox"/>			
	RT <input checked="" type="checkbox"/>			

Unless otherwise noted, this data sheet is for your information only and Fontarôme Chemical cannot be held responsible for its contents.