

**TECHNICAL DATA SHEET**

11/25/2009

<b>2,2,4 TRIMETHYL-1,3-DIOXOLANE</b>			
2,2,4 Trimethyl 1,3 Oxacyclopentane			
Formula: C <sub>6</sub> H <sub>12</sub> O <sub>2</sub>	FW: 116.16	Kosher: <input checked="" type="checkbox"/>	FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless	Part Code: <b>13833</b>		
Density (g/ml) <sub>d<sub>4</sub><sup>20</sup></sub> = 0.897 - 0.901	RI: n <sub>D</sub> <sup>25</sup> = 1.393 - 1.397	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble	
Flash Point: <7.2°C Method: Closed Cup	Boiling Point: 98-99°C	<input type="checkbox"/> FS Alcohol	
Vapor Press: mm Hg, 20°C log K(ow): 1.69	Acid Number: ≤ 2.0	<input type="checkbox"/> FS Propylene Glycol	
		<input type="checkbox"/> FS Essential Oils	
		<input type="checkbox"/> I Water	
<b>CHROMATOGRAPHIC ANALYSIS</b> Purity: ≥ 98.0 %			
GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID AT-AquaWax: 60°C (0 min HOLD) to 225°C at 10°C/min			
<b>REFERENCE NUMBERS</b>		Natural/Nature Identical/Artificial: <input type="checkbox"/> NI	<b>ODOR/TASTE</b>
FEMA/GRAS N°: 3441 Co. Europe N°: C.A.S. N°: 1193-11-9 EINECS N°: 214-766-0 TARIFF N°: 2932.99.9000		<b>NATURAL OCCURRENCE</b> Wild berries and tomato.	Fruity green odor. / Fruity green taste.
<b>TRANSPORT:</b>			
Hazard: Flammable	<b>REGULATION</b>	<b>HAZ. CLASS</b>	<b>PG</b> <b>UN N°</b>
Point 1 2 4	1      R.T.M.D.		
Not Regulated	2      ADR/RID		
Category / other info: Flammable liquid, n.o.s.	3      I.A.T.A.	3	305/307 II      1993
	4      I.M.D.G.		
SAFETY DATA: Available	TSCA: Not listed	<b>PACKING CONTAINERS:</b>	
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: ~ 48 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	

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