

**TECHNICAL DATA SHEET**

11/25/2009

<p><b>4-METHYL-5-(2-ACETOXY ETHYL) THIAZOLE</b></p> <p>SULFUROL ACETATE</p>		<p>CH<sub>2</sub>—CH<sub>2</sub>—OAc</p>		
Formula: C <sub>8</sub> H <sub>11</sub> NO <sub>2</sub> S	FW: 185.25	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Liquid / Colorless to primrose	Part Code: <b>50009</b>			
Density (g/ml) <sub>d<sub>4</sub><sup>20</sup></sub> = 1.165-1.710	RI: n <sub>D</sub> <sup>25</sup> = 1.506-1.512	Soluble in: Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble		
Flash Point: 110°C Method: Closed Cup	Boiling Point: 117°C @ 6 mm Hg	<input type="checkbox"/> S Alcohol		
Vapor Press: mm Hg, 20°C log K(ow):	Acid Number: ≤ NA	<input type="checkbox"/> S Propylene Glycol		
		<input type="checkbox"/> S Essential Oils		
		<input type="checkbox"/> I Water		
<p><b>CHROMATOGRAPHIC ANALYSIS</b> Purity: ≥ 99.0%</p> <p>GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID 180°C</p>				
<p><u>REFERENCE NUMBERS</u></p> <p>FEMA/GRAS N°: 3205 Co. Europe N°: 11620 C.A.S. N°: 656-53-1 EINECS N°: 211-515-7 TARIFF N°: 2934.10.9000</p>		<p>Natural/Nature Identical/Artificial: <input type="checkbox"/> Art</p> <p><u>NATURAL OCCURRENCE</u></p>		<p><u>ODOR/TASTE</u></p> <p>Nut, bean, milk, meat /</p>
TRANSPORT:				
Hazard:	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: Listed	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 checked="" type="checkbox"/> Stainless Steel Drums		
Shelf Life: ~ 12 months	RT <input checked="" type="checkbox"/>	<input type="checkbox"/> Aluminum Bottles		
		<input checked="" type="checkbox"/> Glass Bottles		
		<input type="checkbox"/> Plastic / Plastic-lined drums		

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