

**TECHNICAL DATA SHEET**

11/25/2009

<b>3-(METHYLTHIO)BUTANAL</b>		$  \begin{array}{c}  \text{SMe} \\    \\  \text{Me} - \text{CH} - \text{CH}_2 - \text{CHO}  \end{array}  $		
Formula: C5 H10 OS	FW: 118.19	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Liquid / Achromatic to faint yellow	Part Code: <b>50027</b>			
Density (g/ml) $d_4^{20} = 0.980-1.040$	RI: $n_D^{25} = 1.460-1.510$	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: 62°C Method: Closed Cup	Boiling Point:	<input type="checkbox"/> S Alcohol		
Vapor Press: mm Hg, 20°C log K(ow):	Acid Number: ≤ NA	<input type="checkbox"/> I Propylene Glycol		
		<input type="checkbox"/> S Essential Oils		
		<input type="checkbox"/> I Water		
<b>CHROMATOGRAPHIC ANALYSIS</b> Purity: ≥ 80.0% GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID DB-5: 60°C (2 min HOLD) to 200°C at 10°C/min				
<b>REFERENCE NUMBERS</b>		Natural/Nature Identical/Artificial: <input type="checkbox"/>		<b>ODOR/TASTE</b>
FEMA/GRAS N°: 3374 Co. Europe N°: 11687 C.A.S. N°: 16630-52-7 EINECS N°: 240-678-7 TARIFF N°: 2930.90.9190		<b>NATURAL OCCURRENCE</b> French fried potato		Pickle, vegetable-like /
<b>TRANSPORT:</b>				
Hazard:	<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			
<u>Category / other info:</u>	3 I.A.T.A.	9	III	3334
	4 I.M.D.G.			
SAFETY DATA: Available	TSCA: 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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Stainless Steel Drums		
Shelf Life: ~ 6 months	RT <input 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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