

**TECHNICAL DATA SHEET**

11/25/2009

<p><b>3-METHYLTHIOPROPYL ISOTHIOCYANATE</b></p> <p>3-Methylmercaptopropyl Isothiocyanate; Ibervirin</p>		$\text{H}_3\text{C}-\text{S}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{N}=\text{C}=\text{S}$		
Formula: C5 H9 N S2	FW: 147.25	Kosher: <input checked="" type="checkbox"/>		FCC: <input type="checkbox"/>
Appearance and Color: } Clear liquid / Colorless to pale yellow	Part Code: <b>13063</b>			
Density (g/ml) $d_4^{20} = 1.090-1.110$	RI: $n_D^{25} = 1.559-1.569$	Soluble in: <small>Code: FS=Freely, SpS=Sparingly, VSI=Very Slightly, I=Insoluble</small>		
Flash Point: 87°C Method: Closed Cup	Boiling Point: 116°C at 9 mm Hg	<input type="checkbox"/> FS Alcohol		
Vapor Press: 0.04 mm Hg, 20°C log K(ow): 2.37	Acid Number: ≤ 2.0	<input type="checkbox"/> I Propylene Glycol		
		<input type="checkbox"/> FS Essential Oils		
		<input type="checkbox"/> I Water		
<p><b>CHROMATOGRAPHIC ANALYSIS</b> Purity: ≥ 98.0 %</p> <p>GC: 0.53 mm ID x 30 m length, ~ 4.5 ml/min He Carrier Gas. FID AT-AquaWax: 100°C (5 min HOLD) to 225°C at 10°C/min</p>				
<p><b>REFERENCE NUMBERS</b></p> <p>FEMA/GRAS N°: 3312 Co. Europe N°: 2326 C.A.S. N°: 505-79-3 EINECS N°: 208-020-3 TARIFF N°: 2930.90.3000</p>		<p>Natural/Nature Identical/Artificial: <input type="checkbox"/> NI</p> <p><b>NATURAL OCCURRENCE</b></p> <p>Hydrolysates of crucifer seeds and Lesquerella seed meal, Iberis sempervirens seeds, cabbage, kohlrabi, horseradish, Japanese horseradish, cauliflower, and radish.</p>		<p><b>ODOR/TASTE</b></p> <p>Radish odor. /</p>
<p><b>TRANSPORT:</b></p> <p>Hazard: Toxic</p>		<p><b>REGULATION</b></p>	<p><b>HAZ. CLASS</b></p>	<p><b>PG</b></p>
<p>Point 1 2 4</p> <p>Not Regulated</p>		<p>1 R.T.M.D.</p> <p>2 ADR/RID</p> <p>3 I.A.T.A.</p> <p>4 I.M.D.G.</p>	<p>6.1</p>	<p>611/618 (III)</p> <p>2206</p>
<p>Category / other info: Isocyanates, toxic, n.o.s.</p>		<p>TSCA: Listed</p>	<p><b>PACKING CONTAINERS:</b></p> <p><input checked="" type="checkbox"/> Epoxy-coated Steel Drums <input type="checkbox"/> Stainless Steel Drums <input checked="" type="checkbox"/> Aluminum Bottles <input checked="" type="checkbox"/> Glass Bottles <input type="checkbox"/> Plastic / Plastic-lined drums</p>	
<p><b>SAFETY DATA:</b> Available</p> <p><b>STORAGE:</b> Under Nitrogen</p> <p>Temperature: ≤ -18°C <input type="checkbox"/> ≤ 5°C <input type="checkbox"/> Shelf Life: ~ 24 months RT <input checked="" type="checkbox"/></p>				

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