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## Scentinel<sup>®</sup> F-50 Gas Odorant

Property	Typical Value	Specification	Test Method
Composition, wt %			Chromatography
<i>tert</i> -Butyl Mercaptan	50	48 – 52	
Dimethyl Sulfide	50	48 – 52	
Cloud Point, °F	< -50	-50 max	ASTM D 2386 (modified)
Freezing Point, °F	< -50	-50 max	ASTM D 2386 (modified)
Color, APHA	15	30 max	ASTM D 1209
Appearance	Clear with no particulate matter	Clear with no particulate matter	Visual
1/2 Doctor Test	Sweet		ASTM D 235
<b>Other Properties</b>			
Distillation Range at 760 mm Hg, °F			ASTM D 86
Initial Boiling Point	110		
50%	121		
90%	146		
End Point	160		
Specific Gravity at 60/60 °F	0.830		ASTM D 891
Density of Liquid at 60 °F, lb/gal	6.91		ASTM D 1250
Reid Vapor Pressure at 100 °F, psia	11.0		Literature
Flash Point, °F	<0		Open Cup, Est.
Sulfur Content, wt %	42		Calculated

Product Number: 1027443

Revised: 07/05/05

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