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## Scentinel<sup>®</sup> F-20 Gas Odorant

Property	Typical Value	Specification	Test Method
Composition, wt %			Chromatography
<i>tert</i> -Butyl Mercaptan	79	78 – 82	
Other Mercaptans	1		
Dimethyl Sulfide	20	18 – 22	
Distillation Range at 760 mmHg, °F			ASTM D 86
Initial Boiling Point	123	120 min	
50%	139		
90%	147		
Dry Point	150	200 max	
Cloud Point, °F	<-50	-50 max	ASTM D 2386 (modified)
Freezing Point, °F	<-50	-50 max	ASTM D 2386
Color, APHA	15	30 max	ASTM D 1209
Appearance	Clear with no particulate matter	Clear with no particulate matter	Visual
Specific Gravity at 60/60 °F	0.816	0.800 – 0.830	ASTM D 4052
1/2 Doctor Test	Pass		ASTM D 235
<b>Other Properties</b>			
Density of Liquid at 60 °F, lb/gal	6.79		ASTM D 1250
Reid Vapor Pressure at 100 °F, psia	8.2		Literature
Flash Point, °F	<0		Open Cup, Est.
Sulfur Content, wt %	39		Calculated

Product Number: 1024694

Revised: 06/16/05

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