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Scentinel[®] F-25 Gas Odorant

Property	Typical Value	Specification	Test Method
Composition, wt %			Chromatography
<i>tert</i> -Butyl Mercaptan	74	73 – 77	
Other Mercaptans	1		
Dimethyl Sulfide	25	23 – 27	
Distillation Range at 760 mmHg, °F			ASTM D 86
Initial Boiling Point	121	117 min	
50%	135		
90%	145		
Dry Point	148	160 max	
Specific Gravity at 60/60 °F	0.818	0.800 – 0.830	ASTM D 4052
Cloud Point, °F	<-50	<-50	ASTM D 2386 (modified)
Freezing Point, °F	<-50	<-50	ASTM D 2386
Color, APHA	15	30 max	ASTM D 1209
Appearance	Clear with no particulate matter	Clear with no particulate matter	Visual
1/2 Doctor Test	Pass		ASTM D 235
Other Properties			
Density of Liquid at 60 °F, lb/gal	6.81		ASTM D 1250
Reid Vapor Pressure at 100 °F, psia	8.8		Literature
Flash Point, °F	<0		Open Cup, Estimated
Sulfur Content, wt %	39		Calculated

Product Number: 1024697

Revised: 06/16/05

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