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Scentinel[®] F-40 Gas Odorant

Property	Typical Value	Specification	Test Method
Composition, wt %			Chromatography
<i>tert</i> -Butyl Mercaptan	60	58 – 62	
Other Mercaptans	1		
Dimethyl Sulfide	39	38 – 42	
Distillation Range at 760 mmHg, °F			ASTM D 86
Initial Boiling Point	111		
50%	128		
90%	141		
Dry Point	147	180 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	0.825		ASTM D 4052
Density of Liquid at 60 °F, lb/gal	6.87		ASTM D 1250
1/2 Doctor Test	Pass		ASTM D 235
Other Properties			
Reid Vapor Pressure at 100 °F, psia	10.3		Literature
Flash Point, °F	<0		Open Cup, Estimated
Sulfur Content, wt %	42		Calculated

Product Number: 1024701

Revised: 06/16/05

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