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## Scentinel<sup>®</sup> S-40 Gas Odorant

Property	Typical Value	Specification	Test Method
Composition, wt %			Chromatography
Methyl Ethyl Sulfide	40	38 – 42	
<i>tert</i> -Butyl Mercaptan	60	58 – 62	
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
<b>Other Properties</b>			
Distillation Range at 760 mmHg, °F			ASTM D 86
Initial Boiling Point	146		
50%	148		
90%	149		
End Point	150		
Specific Gravity at 60/60 °F	0.821		ASTM D 4052
Density of Liquid at 60 °F, lb/gal	6.83		ASTM D 1250

Product Number: 1028937

Revised: 02/09/05

Notice: Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chevron Phillips Chemical Company LP does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a particular purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing in connection with the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, or otherwise, in connection with the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.