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Di(2-hydroxyethyl) Disulfide

Property	Typical Value	Specification	Test Method
Composition, wt %			GC
Di(2-hydroxyethyl) Disulfide	89	88 min	
Water	8.5	7 – 10	ASTM D 6304-00
Total Sulfur, wt %	36.5	35 min	CPChem Method
Mercaptan Sulfur, wt %	< 0.01	0.01 max	CPChem Method
Odor	Mild	Mild	Reference Sample
Color	Slightly yellow	Yellow	Visual
Appearance	Clear	Clear with no particulate matter	Visual
Water Solubility (Appearance of 5 g Organic in 100 g Water Solution)	Clear	Clear	ASTM D 1722
Other Properties			
Molecular Formula	(HOCH ₂ CH ₂) ₂ S ₂		
Molecular Weight, g/mol	154.25		
Density at 20 °C, g/mL	1.253		
Flash Point, °C (ASTM D 93)	> 93		
Boiling Range of Pure Organic at 3.5 mmHg, °C	158 – 163		
Freezing Point, °C (min 7% H ₂ O)	< 5		
Water Solubility	Completely miscible		
Viscosity at 20 °C, cP	50		

Product Number:

Code/NR: DS28DHED.4

Revised: April 28, 2003

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.