



Chevron Phillips Chemical Company Issued Sales Specification

Name of Product

Di(2-hydroxyethyl) Disulfide

Revision Date

9/18/2015

Chevron Phillips Chemical Company LP
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Property	Typical Value	Specification	Test Method
Composition, wt %			CpChem GC
Di(2-hydroxyethyl) Disulfide	89	88 min	
Water	8.5	7 – 10	ASTM D6304
Total Sulfur, wt %	36.5	35 min	CpChem XRF
Mercaptan Sulfur, wt %	< 0.01	0.01 max	CpChem Titration
Odor	Mild	Mild	CpChem Odor
Color	Slightly yellow	Yellow	CpChem Visual
Appearance	Clear	Clear with no particulate matter	CpChem Visual
Water Solubility (Appearance of 5 g Organic in 100 g Water Solution)	Clear	Clear	ASTM D1722
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	> 93		ASTM D93A
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		

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