

PRODUCT DATA SHEET

ZC-1500 / ZINC CHELATE **H₂S SCAVENGER / CORROSION INHIBITOR**

GENERAL DESCRIPTION

ZC-1500/Zinc Chelate, is a liquid water soluble chelated zinc designed to scavenge H₂S in most brine and fresh water drilling fluid systems. ZC-1500/Zinc Chelate is also miscible in oil base drilling fluid systems where it is effective in scavenging H₂S as well. It also provides some degree of protection against corrosion resulting from oxygen. ZC-1500/Zinc Chelate can be injected directly into the mud pump suction line with a chemical pump. ZC-1500/Zinc Chelate will not precipitate in high PH systems .

PHYSICAL PROPERTIES

Chemical Form	Dark Brown Liquid
pH	3.0-4.0
Solubility	Soluble in Brine and Fresh Water, Miscible in OBM

CHEMICAL DESCRIPTION

ZC-1500/Zinc Chelate is complex dispersion of zinc in a liquid form.

RECOMMENDED USES

ZC-1500/Zinc Chelate should be added to drilling fluids prior to drilling a formation suspected of containing hydrogen sulfide. One 55 gallon drum per thousand barrels of drilling fluid is recommended initially to scavenge up to 50-80 ppm sulfide. Moderate intrusions can be controlled by daily continuous treatment of 8 to 12 gallons per day. Always inject at the mud pump suction. Treatment of higher volume intrusions requires correspondingly larger quantities of ZC-1500/Zinc Chelate.

PACKAGING

ZC-1500/Zinc Chelate is packaged in 55 gallon plastic drums.

HANDLING AND STORAGE

Caution should be taken to avoid eye contact. If eye contact does occur flush with plenty of water. If irritation persist consult a physician. Reference SDS for ZC-1500/Zinc Chelate.

Notice: Manufacturer and/or seller expressly disclaim(s) any and all warranties of every kind and nature including those of merchantability and of fitness for a particular purpose with respect to the product, the information and recommendation contained herein, and any use of reliance thereon.