



# MESUCOSORB

## HYDROGEN SULFIDE SCAVENGER

### DESCRIPTION

MESUCO-SORB is an inorganic metallic compound in the form of a fine white powder. The product is an effective scavenger for sulfide in water-base drilling fluids.

### APPLICATION

Hydrogen sulfide ( $H_2S$ ) gas is a hazard which plagues drilling operations in many geographical areas.  $H_2S$  enters the drilling fluid as an influx of formation gas, or in some cases as a decomposition by-product of certain mud additives.

Even at low concentrations,  $H_2S$  can be destructive to drilling tools and to human life.

MESUCO-SORB, when added to the drilling or circulating fluid, reacts quickly with  $H_2S$ , forming harmless byproducts.

### RECOMMENDED TREATMENT

Typical dosages range from 2 to 6 ppb ( $5.7$  to  $17.1 \text{ kg/m}^3$ ), depending upon the severity or persistence of the hydrogen sulfide influx. When drilling into formations suspected of containing  $H_2S$ , pretreatment with MESUCO-SORB is recommended.

### PACKAGING

MESUCO-SORB is packaged in 50 lb or 25 kg heavy-duty paper bags.

### SAFETY AND HANDLING

MESUCO-SORB contains no heavy metals and exhibits a very low order of toxicity. No special handling precautions are required beyond those customary with powdered materials (e.g. avoidance of inhalation).

MESUCO-SORB is a Messina trademark

