

ANCO SPERSE

Solutions Through Technology.....

Environmentally Friendly Chemicals

Product Description

ANCO SPERSE is a powdered chrome lignosulfonate deflocculant for water based fluids.

Typical Application

ANCO SPERSE is an effective thinner and deflocculant for clay containing fresh water, salt water, and calcium based drilling fluids. ANCO SPERSE is applicable in fluid systems for environmentally sensitive areas where chrome or chrome containing additives are unacceptable. ANCO SPERSE is used to reduce yield point and gel strengths of solids laden fluids and helps to thin and improve the filtercake deposited by the mud system.

Product Advantages

- An effective deflocculant and dispersant, under alkaline conditions, for clay containing water based drilling fluids.
- Acts as a secondary filtration rate control agent.
- Effective to temperatures approaching 300° F.
- An excellent "oil in water" emulsifier for diesel or crude oil.

Recommended Treatment

As a thinner for fresh water drilling fluid, treatment requirements of 2.0 - 6.0 lbs/bbl are typical. At elevated salinity levels or where bottom hole temperatures approach 300° F the amount required may increase to a total concentration of 10.0 - 15.0 lbs/bbl.

Calcium based and lime treated muds normally require ANCO SPERSE at concentrations of 3.0 - 6.0 lbs/bbl. Optimum performance is obtained when the pH of the fluid system is above 9.0 (moderate pH).

Handling

Employees should use normal precautions when handling chemical products. The use of an appropriate dust mask, safety goggles, gloves, and apron is recommended when handling this product. In case of eye contact flush with clean fresh water and seek medical advice. In case of skin contact, wash the affected area with soap and water. Review the Material Safety Data Sheet (MSDS) for this product prior to use.

Storage

Store in a dry area, protected from precipitation and contact by moisture.

Packaging

Supplied in 50 lb. multi-wall paper sacks.

Typical Chemical and Physical Properties

Solubility Soluble in fresh and salty water
Appearance Fine free flowing powder
Color Brown to reddish brown
pH 3.0
Temperature Stability, °F >300