

ANCO SPERSE CF

Solutions Through Technology.....

Environmentally Friendly Chemicals

Product Description

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

Typical Application

ANCO SPERSE CF is an effective thinner and deflocculant for clay containing fresh water, salt water, and calcium based drilling fluids. ANCO SPERSE CF improves the solids tolerance of most fluids, and helps to thin and improve the filtercake deposited by fluids containing significant amounts of clay and drilled solids.

Product Advantages

- A highly effective dispersant, under alkaline conditions, for all clay containing drilling fluid systems.
- Acts as a secondary fluid loss control agent.
- Effective to temperatures in excess of 300°F (150°C).
- 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 - 4 lbs/bbl (5.7 - 11.4 kg/m³) are typical. At temperatures above 300°F (150°C) the amount required may increase to a total concentration of 10 - 15 lbs/bbl (28.5 - 42.7 kg/m³).

Lime based and lime treated muds normally require ANCO SPERSE CF at concentrations of 3 - 6 lbs/bbl (8.5 - 17.1 kg/m³).

Optimum performance is usually obtained, with ANCO SPERSE CF, when the pH of the fluid system is above 9.0 (moderate alkalinity).

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 contact with skin, wash 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 with moisture.

Packaging

Supplied in 50 lb. multi-wall paper sacks.

Typical Chemical and Physical Properties

Bulk density, lb/ft ³	30 - 40
Solubility	Soluble in fresh and salty water
Appearance	Free flowing powder
Color	Dark Brown to reddish brown
pH	3.0
Temperature Stability, °F	>300