

ANCO GEL PREMIUM

Solutions Through Technology.....

Environmentally Friendly Chemicals

Product Description

ANCO GEL PREMIUM is a high grade untreated montmorillonite clay, meeting API specifications for untreated bentonite.

Typical Application

ANCO GEL PREMIUM is used to impart viscosity, suspension and filtration rate control in fresh and low salinity water based drilling fluids. It should be prehydrated in freshwater (of low total hardness) prior to addition to salt water based drilling fluids.

Product Advantages

- Provides cost effective viscosity and gel strengths for effective hole cleaning and suspension of weight material.
- Aids in filtration control by reducing the permeability of the filtercake.
- Improves texture and quality of the wallcake.
- Meets the API RP13A specification for nontreated bentonite.

Recommended Treatment

ANCO GEL PREMIUM may be added as required to obtain the desired rheological properties of the drilling fluid. Typical treatment levels are in the range of 10 - 20 lbs/bbl (30 - 60 kg/m³) for the reduction of API and HTHP filtration rates.

Handling

Employees should utilize normal precautions when handling chemical products. The use of an appropriate dust mask, safety goggles, gloves and apron are recommended when handling or mixing this product. In case of eye contact flush with clean, fresh water to remove the material. See 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

Packaged in 100 lb multi-wall paper bags or in bulk.

Typical Chemical and Physical Properties

Bulk density, lb/ft³ 54
Solubility Hydrates rapidly in freshwater
Appearance Fine powder
Color Light brown to gray
pH 7.0