

AQUA-PLEX®

Solutions Through Technology.....

Environmentally Friendly Chemicals

Product Description

AQUA-PLEX® is a polyanionic lignin-resin polymer, specially modified to resist thermal degradation under downhole conditions.

Typical Application

AQUA-PLEX® is an effective filtration rate control agent for water based drilling fluids. AQUA-PLEX® should be used where bottom hole temperatures exceed the thermal degradation limits of conventional starch based additives. AQUA-PLEX® can be effectively used in most water based drilling fluids to temperatures as high as 400°F.

Product Advantages

- Effectively controls API & HTHP filtration rate in water based fluids at elevated temperatures.
- Resists thermal degradation at temperatures up to 400°F.
- Tolerates elevated salinity and total hardness.
- Effective at low concentrations.

Recommended Treatment

Efficient filtration rate control can be achieved, in most water based fluids, by utilizing AQUA-PLEX® at concentrations of 4.0 - 6.0 ppb.

Handling

Employees should utilize normal precautions when handling chemical products. The use of safety goggles, dust mask, gloves and apron are recommended when handling this product. In case of contact with skin wash the affected area with soap & water. In case of eye contact, flush with clean fresh water for 15 minutes and seek medical advice. 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

Packaged in 50 lb (22.5 kg) multi-wall paper sacks.

Typical Chemical and Physical Properties

Bulk density, lb/ft ³	35 - 42
Solubility	100% water dispersible
Appearance	Black Powder
Odor	Odorless