

SHARKSTAR®

Product Description

SHARKSTAR® filtration control additive is high grade, pregelatinized starch used to reduce filtration in most water-based drilling fluids including fresh water, seawater and saturated brine up to 250°F. It does not increase fluid viscosity. SHARKSTAR® will encapsulate drill cuttings and exposed wellbore formations to reduce particle dispersion and reactive shale formation swelling. Subject to bacterial degradation, a biocide is recommended to prevent fermentation in fluids which are not salt saturated.

Applications/Functions

- Control filtration rates with minimal viscosity increase
- Provide a thin, pliable, easily removed filter cake to minimize formation damage and facilitates cleanup during completion
- Flocculate dispersed drill cuttings in clear water drilling

Advantages

- Temperatures stable up to 250°F
- Effective with fast drilling non-dispersed systems
- Help to decrease clay dispersion
- Not adversely affected by salinity, and functions over a wide range of water chemistry
- Acid Soluble

Typical Properties

- Appearance: White fine powder
- Specific gravity: 1.5

Recommended Treatment

- A typical treatment range is 2-6 ppb

Package

- 25 KG SACK