PRODUCT BULLETIN

AES CLAYSHIELD II†

LOW MOLECULAR WEIGHT POLYAMINE SHALE INHIBITOR

BENEFITS

- Inhibits dispersion and hydration of reactive clays.
- Reduces bit balling, enhances wellbore stability, and improves drill solids removal.
- Stable at temperatures exceeding 250°F across a wide range of pH levels.

APPLICATIONS

- 4 - 6 lb/bbl (1.0 - 1.5% v/v) (typical), with supplemental maintenance additions while drilling.
- Lab testing may aid to determine a suitable concentration for a specific scenario.

PROPERTIES

- Appearance: Yellow amber liquid
- Specific Gravity: 0.98 - 1.04

OVERVIEW

AES CLAYSHIELD II is a low molecular weight polyamine shale inhibitor.

TREATMENT RECOMMENDATIONS

AES CLAYSHIELD II concentrations usually range from 4 to 6 lb/bbl (1.0 - 1.5% v/v), although in particularly challenging scenarios higher concentrations may be used. Lab testing may aid to determine the optimal concentration for well conditions.

PACKAGING AND HANDLING

AES CLAYSHIELD II is available in 275 and 550 gallon totes. Handle AES CLAYSHIELD II as an industrial chemical, wearing protective equipment and observing precautions as described in the Safety Data Sheet (SDS).



AES CLAYSHIELD II shale inhibitor

AES DRILLING FLUIDS



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