

# **ECOSULFONATE** HIGH PERFORMANCE DISPERSANT FOR WBM'S

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## **DESCRIPTION**

**Ecosulfonate** is an acrylic acid copolymer and AMPS in a water solution. It is used as a high temperature dispersant for water based drilling muds (WBM's). It is used to control the viscosity and gels strengths of WBM's that have high solids concentrations. **Ecosulfonate** adsorbs onto the surface of clay platelets, preventing the flocculation of bentonite particles at high temperatures (up to 430F/500F). **Ecosulfonate** tolerates seawater, NaCl and KCL.

## **ADVANTAGES**

- Conditions all types of WBM's
- No need to dilute system
- Used in low concentrations
- Salt and calcium tolerant

## **APPLICATION**

**Ecosulfonate** should be mixed in the water base mud system slowly over one full circulation through the rig hopper. Treat system as needed with 0.1 – 2.0 ppb (0.29- 5.7 kg/m<sup>3</sup>) during drilling operations to thin the mud. Be careful not to over treat system in order to avoid barite settling.

## **TYPICAL PROPERTIES**

Composition...Acrylic acid copolymer with AMPS  
Color.....Clear Liquid  
Specific Gravity.....1.2 @25C

## **PACKAGING**

**Ecosulfonate** is packaged in 5 gallon pails.