



## Industrial Drilling Product



### **DRILFOAM®**

DRILFOAM, proprietary blend of alcohol ethoxy sulfate (AES) that are biodegradable, is an effective foaming agent. DRILFOAM can be added to fresh, brine, or brackish water for air/foam, air/gel-foam, or mist drilling application.

### **CASING SEAL™**

CASING SEAL is a mixture of randomized particles of a utility grade, granular Wyoming sodium bentonite, a naturally occurring, non-treated swellable clay. Because of its high swelling capacity, CASING SEAL is an effective sealing material for sealing a leaking pond, and for use as a clay liner.

### **EZ-MUD®**

EZ-MUD, a liquid polymer emulsion containing partially hydrolyzed polyacrylamide/polyacrylate (PHPA) copolymer, is used primarily as a borehole stabilizer to prevent reactive shale and clay from swelling and sloughing. EZ-MUD is added to low-solids drilling fluid to increase fluid viscosity, and is also used to improve carrying capacity of air/foam injection fluid or low-solids fluid formulated with QUIK-GEL®.

### **EZ-MUD® DP**

EZ-MUD DP is a free-flowing, dry granular synthetic polymer containing partially hydrolyzed polyacrylamide/polyacrylate (PHPA) copolymer. EZ-MUD DP, a water-soluble polymer, disperses and dissolves in fresh water rapidly without forming flocs. When mixed with fresh water, EZ-MUD DP hydrates immediately and forms a clear, viscous solution. With its high molecular weight and optimum charge density, EZ-MUD DP provides excellent borehole stability through a coating mechanism (encapsulation).

### **EZ-MUD® GOLD**

EZ-MUD® GOLD, clay and shale stabilizer, provides inhibition of clay and shale formation in water-based drilling fluid without substantially increasing viscosity. EZ-MUD GOLD, when added to a QUIK-GEL® or BORE-GEL® slurry, yields an inhibitive drilling fluid system while maintaining manageable and effective fluid properties. The unique beaded structure of EZ-MUD GOLD allows the material to be mixed easily at minimal shear thereby eliminating the need for liquid emulsion.