

Super Mud Slurry System

# SUPER MUD & HIGH YIELD

## POLYMER-BENTONITE COMBINATION

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### DIRECTIONAL DRILLING AND ROAD BORING APPLICATIONS

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#### DESCRIPTION

**Super Mud** is an environmentally safe, synthetic polymer in liquid form which is designed to be used in place of bentonite or as an additive to a bentonite drilling fluid. **Super Mud** disposes easily with household bleach (5% Sodium Hypochlorite solution) or 3% Hydrogen Peroxide.

**High Yield** is a Polymer Extended Sodium Bentonite drilling gel which yields 200 barrels of fluid per ton. **High Yield** has been successfully used as a principal drilling fluid or in conjunction with **Super Mud**.

#### MIXING PROCEDURE

1. Pretreat makeup water with *Water Treat*, a pH conditioner, to a pH range of 8-10. Normally, 1 lb to 200 gallons of makeup water is sufficient for freshwater.
2. **High Yield** can be sifted into the mixer and circulated with a pump several times until hydration has occurred. Slowly pour a pencil sized stream of **Super Mud** into the mixer or most turbulent point of the water.
3. Light silty soil, some clay, and clayed sand  
Mixing ratio is 1 quart **Super Mud** to 300 gallons of pretreated water with a pH 8-10.  
Sand (fine to medium), gravel pockets, and loose filled areas  
Mixing ratio is 50 lbs of **High Yield** and 1 quart of **Super Mud** to 300 gallons of pretreated water with a pH 8-10.

#### PACKAGING

**Super Mud** is available in 5 gallon (19 liter) pails and ½ gallon (2 liter) jugs of six to a case.

**High Yield** is packaged in 50 lb multi-walled paper bags.

NOTE: The yield and performance of polymers vary and they do not pose the environmental protection features found in **Super Mud**. **Super Mud** equals or exceeds the yield and performance of all polymers currently available. Similarly, all bentonite are not the same. In directional drilling applications, we recommend the use of **High Yield** bentonite because it is a superior bentonite that is rated as an API 200 barrel drilling gel.

