

# SUPER MUD DRY

## GRANULAR POLYMER SLURRY

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### DESCRIPTION

**Super Mud Dry** is an environmentally safe synthetic soil stabilizer in granular form, which is designed to be used in place of bentonite as drilling fluid. **Super Mud Dry** has the ability to quickly impart a very high viscosity (100 plus Marsh Funnel Viscosity) and creates fish-eye structures within its body to assist in plugging the walls of the borehole, which reduces fluid loss.

### ADVANTAGES

1. Mixes easily in both fresh and saltwater.
2. Non-fermenting and nontoxic.
3. Reduces wear on pump and bits; unlike bentonite, **Super Mud Dry** slurry will always weigh approximately the same as water, therefore, requiring lower pump rate.
4. Eliminating swelling in most clays and shales.
5. Rapidly settles cuttings in bottom of pit and allows for faster drilling.
6. Reduces fluid loss.
7. Can be readily broken down for easy disposal.

### MIXING PROCEDURE

1. Pretreat makeup water with *Water Treat*, a pH conditioner, to pH of 8-10. Normally, 1 lb to 200 gallons of makeup water is sufficient for freshwater. For saltwater or brackish makeup water, the ratio is 1 lb to 100 gallons.
2. Light silty soils, some clay, and clayed sand  
1 lb **Super Mud Dry** to 300 gallons of retreated water for Marsh Funnel Viscosity of 40 plus.  
Sand (fine to medium), gravel pocket, and loose filled areas  
1 lb **Super Mud Dry** to 200 gallons of retreated water for Marsh Funnel Viscosity of 60 plus.
3. Monitor the pH of the slurry, as it will change with the chemical structure of the formation. Add a cup or two of *Water Treat* into the flowing ditch to revitalize the slurry when pH drops or if salt or brackish water is encountered.
4. **Super Mud Dry** slurry can be pumped into a storage tank for reuse or broken down with household bleach (5% Sodium Hypochlorite solution) or 3% Hydrogen Peroxide. The breaker should be added to the **Super Mud Dry** slurry at a rate of 1 quart to 200 gallons of slurry. After the breaker is added, the entire system should be circulated to insure complete oxidation of all polymer molecules.

**PACKAGING** Available in 7 lbs jugs, 6 jugs per case.

