



CHEMCO inc.

SOLUTIONS AND ENVIRONMENTAL PRODUCTS
WATER - SOIL - AIR

TECHNIQUE DATA SHEET

Chemdrill MUD 500

- PERFORMANCE PRODUCT -

Product description

Chemdrill MUD 500 is an organic and synthetic polymers formula. It is designed to form a high performance drilling mud that will aid in stabilizing brittle and fragile formations such as overburden, sand and gravel. Mixed with Chemdrill LUBE, it becomes an "all-in-one" advantageous alternative to mixtures of drilling mud and bentonite. It dissolves quickly in clean or brine water to form a very high viscosity drilling mud. It will also allow to effectively encapsulate and remove drill cuttings quickly, lubricate the drilling rod and reduce the torque.

For optimal performance, it is recommended to premix one part of Chemdrill MUD 500 with 3 parts of Chemdrill LUBE and introduce the premix in the drilling system according to the following dosages:

DOSAGES :

- Used as is : 1.5 to 3 kg per 1,000 Liters of water
- Pré-mixed with Chemdrill LUBE :
1 to 2 liters per 1,000 Liters of water (normal conditions)
2 to 4 liters per 1,000 Liters of water (Hard conditions)

ADVANTAGES :

- Will stabilize even the most unstable formations: overburden, sand, gravel, shale, etc..
- No need for bentonite
- Reduces torque and drag
- Economy: 100% concentrated powder form.
- Dissolves quickly in clean or brine (KCl or NaCl) to form a very high viscosity solution.
- Increases rate of penetration.
- Improves core recovery.
- Non-toxic.
- The use of Chemdrill LUBE premixed with Chemdrill MUD 500 will improve the overall drilling fluid system's performance.

Physical properties	
Appearance	White granular powder
pH	7,5 (0.2% solution)
Density	0.8 kg/L

AVAILABLE FORMATS:

- 20L (15kg) PAIL

NOTE : The information contained in this Data Sheet is accurate to the best of our knowledge, at the time of writing. However we don't guarantee the content. The user is responsible for determining whether the product is suitable for its conditions of use.

(Rev. 2013-06-29)