

LIFTGUARD^{DRY}

PRODUCT DESCRIPTION

Liftguard dry is a dry blend of metal oxides and pH buffers designed for use in heavy sand, gravel and cobble conditions. When added to bentonite-based drilling fluids, LiftGuard dry provides exceptional shear-thinning properties with excellent dynamic and static carrying capacity.

At slow pump rates, or when pumping is stopped, LiftGuard dry provides improved cuttings carrying capacity and suspension. At higher pump rates, or when pumping resumes, the viscosity is reduced to normal levels, reducing pump pressures.

Liftguard dry is designed to be used in bentonite-based drilling fluid systems. It is compatible with other drilling chemicals.

Liftguard dry mixes easily into water, although good agitation is recommended to ensure proper mixing. Add 1/2 -2 canisters per 500 gallons of fluid through the mixing hopper.

GENERAL MIXING INSTRUCTIONS 12" HOLE & DOWN

Per 500 Gal

LiftGuard^{DRY} Prehydrate bentonite in water. Add 0.5 – 2 jugs for maximum hole cleaning and cuttings transport.



PRODUCT ADVANTAGES

- Optimized cuttings transport and suspension
- Stabilizes the bore hole
- Shear thinning
- Easy to mix and safe to use

PHYSICAL PROPERTIES

- Appearance: White powder
- Bulk Density: 35 – 40 lb/ft³
- Odor: Odorless
- pH: 8.0 – 9.0

PACKAGING

- Available in ½ gallon jugs, 5 gallon buckets.



DRILLCHEM.COM
281.713.8941

HOUSTON, TEXAS | LAFAYETTE, LOUISIANA | ELK CITY, OKLAHOMA
WILLISTON, NORTH DAKOTA | MIDLAND, TEXAS | CORPUS CHRISTI, TEXAS

ADDITIVES FOR BENTONITE BASED FLUID SYSTEMS