

**Super Thin  
Liquid Polymer  
Thinner**



**Description:**

Super Thin is a highly efficient, thermally stable drilling fluid thinner. It is a cost effective, environmentally acceptable alternative to heavy metal drilling additives. Super Thin mixes fast for immediate affect on drilling by reducing viscosity and gel strength.

**Recommended Use:**

Designed for use in mud rotary drilling systems to reduce viscosity and gel strength. Super thin promotes wall cake breakdown and aids in well completion by breaking up accumulated clays.

**Characteristics:**

- Functions at all PH levels
- Contains no heavy metal content, non-toxic
- No foaming problems
- Thins immediately
- Performs well in moderate levels of calcium
- More cost effective than organic thinners.

**Mixing and Application:**

Super Thin mixing ratios:

- Drill Fluid Thinner 1-2 pts. per 100 gal. drill fluid
- Development Aid: 2-4 gal. pumped into well intake area will promote break up of wall cake.

**Packaging:**

5 gal. resealable plastic pails, 30 pails per pallet. All pallets are stretch wrapped.

**Clay Cutter Dry  
Clay Inhibitor**



**Description:**

Clay Cutter is a concentrated, non hazardous, proprietary clay inhibitor that can be used with either polymer or bentonite drilling fluid systems. Clay Cutter is an ideal additive for HDD bores in reactive clay soils.

**Recommended Use:**

Clay Cutter is to be used on any size HDD bore. Clay Cutter will greatly reduce or eliminate clay cuttings from sticking to each other and to the drilling tools. Swelling of the bore will be reduced or eliminated. Rotation and pullback pressures will be significantly reduced.

**Characteristics:**

- Readily dispersible
- Non-hazardous
- Will not significantly alter yield point or filtrate
- Increases returns back to the surface
- Reduces torque
- Reduces pullback pressures
- Greatly reduces clay rings and bit balling

**Mixing and Application:**

Add Clay Cutter to the drilling fluid system last. For sticky and swelling clays use ½ to 1 gallon per 1,000 gallons depending on water sensitivity of the formation. For maximum effectiveness, Clay Cutter should be used starting with the pilot hole and all reaming and pullback stages. Clays begin swelling and absorbing water immediately upon contact with water starting with the pilot hole. Clay cutter will eliminate or greatly reduce this problem.

**Packaging:**

5 gal. resealable plastic pails, 36 pails per pallet. All pallets are stretch wrapped.

<b>CETCO Super Thin &amp; Clay Cutter Dry</b>				
<b>Product Number</b>	<b>Product Description</b>	<b>Standard Package</b>	<b>Pallet Quantity</b>	<b>Approx. Weight (lbs)</b>
SUPERTHIN	Super Thin	5 Gallon Pail	30	50
CCD	Clay Cutter Dry	5 Gallon Pail	36	50