



CoilSTREAM FR 2500 FRICTION REDUCER

Chemstream's Friction Reducer **CoilSTREAM FR 2500** is a polymer that works in high brine, flow back, or heavily produced water for coil tubing and snubbing unit applications for frac plug drill outs. **CoilSTREAM FR 2500** is also resistant to ferrous iron, allowing for lower effective usage rates. **CoilSTREAM FR 2500** hydrates rapidly to reduce circulating pressures at reduced mix ratios.

Dosage

CoilSTREAM FR 2500's formula allows for mix ratio reductions due to its high concentration on polymers.

Produced Water	1 Quart per 10 Bbls
FR Saturated Water	½ Quart per 10 Bbls

Benefits

- Reduces circulating pressures/lowers pump pressures
- Withstands heavily produced and high brine water
- Superior performance in saturated water
- Appalachian Basin Tested for reducing circulating pressures
- Extremely stable and performs in winter temperatures
- Rapid dispersion and dissolves in all types of water
- Works well with chemical trailers. Injection units and blenders
- More active polymers than the competition
- Easy to handle in the field

Compatibility

Because of its ionic character, **CoilSTREAM FR 2500** is compatible with the fluid systems and additives used in the frac plug drill out process. This product has been shown to have negligible impact on gel, crosslinked, gel, and lube systems.

Handling/Storage

Store in a cool, dry, well ventilated and shaded area, away from heat sources and incompatible materials. To maintain product quality, store product at temperatures below 104°F (40°C). Refer to the Safety Data Sheet (SDS) for handling and hazard data.

Physical Properties

Appearance Opaque liquid
 Odor Mild oily
 Specific Gravity 1.02
 Product Density 8.50 lb./gal
 Flash Point >210°F
 Boiling Point N.A.
 Freezing Point < 20°F
 pH (neat) 6.0 - 9.0
 Solubility Dispersible in water
 Chemical Family Synthetic Polyme

Ordering Information

Available in 5 gallon buckets or totes

Dave Grottenthaler 412-999-2049
Jerry Berringer 724-787-2302
Keith Houseknecht 570-447-1283

Call us at 877-671-1694, or visit us on the web at www.chemstream.com

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Before using this product, the user is advised and cautioned to make its own determination and assessment of the safety and suitability of the product for the specific use in question and is further advised against relying on the information contained herein as it may relate to any specific use or application. It is the ultimate responsibility of the user to ensure that the product is suited and the information is applicable to the user's specific application. Chemstream does not make, and expressly disclaims, all warranties, including warranties of merchantability or fitness for a purpose, regardless of whether oral or written, express or implied, or allegedly arising from any usage of any trade or from any course of dealing about the use of the information contained herein or the product itself. The user expressly assumes all risk and liability, whether based in contract, tort or otherwise, about the use of the information contained herein or the product itself. Further, information contained herein is given without reference to any intellectual property issues, as well as federal, state or local laws which may be encountered in the use thereof. Such questions should be investigated by the user.