



## STIMSTREAM FR 9800 FRICTION REDUCER

**StimSTREAM FR 9800** is a very high molecular weight synthetic cationic polyacrylamide designed to provide optimal FR whether using fresh or reusing high ratios of production brine as a frac water source. The **StimSTREAM FR 9800** is a high solids Nano-Dispersion technology that rapidly inverts and provides superior friction reduction and viscosity build to promote proppant carry.

### Dosage

Chemstream's **StimSTREAM FR 9800** is effective at dosages ranging between 0.3 – 1.0 GPT even when high brine is employed as the frac water source. Chemstream will conduct FR loop testing on the water source(s) to confirm actual dosage requirements.

### Benefits

- Provides optimal FR in all water qualities
- Cost/effective economics
- Homogeneous with all cationic and non-ionic frac fluids
- Completely soluble
- Environmentally responsible
- Safe to handle

### Compatibility

**StimSTREAM FR 9800** is compatible with all cationic and non-ionic frac fluid chemistries, and can be mixed directly into the frac blender tub or manifold system.

### 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 ..... Viscous liquid milky  
Odor..... Slight Oily  
Product Density ..... 9.05lbs./gal.  
Freezing Point..... < 5°F  
Solubility ..... soluble with a rise in viscosity  
Chemical Family..... Polyacrylamide

### Ordering Information

Available in totes, bulk, and Isotainers. Contact information is below.

**Call us at 724-915-8388, or visit us on the web at [www.chemstream.com](http://www.chemstream.com)  
511 Railroad Avenue, Homer City, PA 15748 | Office 724-915-8388 | Fax 724-915-8374**

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.