



STIMSTREAM FR 9450 FRICTION REDUCER

StimSTREAM FR 9450 is a very high molecular weight synthetic anionic polyacrylamide designed to provide optimal FR whether using fresh or reusing moderate ratios of production brine as a frac water source. The **StimSTREAM FR 9450** is a high solids Nano-Dispersion Viscosifying copolymer that rapidly inverts and provides superior friction reduction and extended proppant carry.

Dosage

StimSTREAM FR 9450 is effective at dosages ranging between 0.3 – 1.0 GPT even when moderate brine is employed as the frac water source. Chemstream will conduct FR loop testing on your water source(s) to confirm actual dosage requirements. Viscosity build studies will be confirmed as well. Complimentary totes are available for stage evaluations.

Benefits

- Provides optimal FR and viscosity build
- Complimentary lab support/justification
- Nano-dispersion for rapid inversion
- Stimulates reservoir volume by high rate/low pressure hydraulic fracturing
- Cost/effective economics
- Completely soluble
- Environmentally responsible
- Safe to handle

Compatibility

StimSTREAM FR 9450 is compatible with all anionic 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
Color Off white, pink
Odor Slight Oily
pH 6.0 – 8.0
Flash Point > 200°F
Viscosity, dynamic 7,000 cps
Product Density 1.10 m/cm³
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

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.