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Product Information Bulletin
CTI-134
Emulsion Co-Polymer

PRODUCT FEATURES:

- Anionic Emulsion Co-Polymer
- Friction Reducer/Viscosifier/Clay Stabilizer
- Rapid Hydration & Yield
- Excellent Mud Flush Agent

DESCRIPTION:

CTI-134 is a high molecular weight anionic emulsion copolymer of polyacrylate and polyacrylamide. The product finds application in acidizing and well stimulation as a mud flush agent, friction reducer, clay stabilization agent and fresh water viscosifier. When properly applied under agitation CTI-134 provides hydration and yield with a minimum tendency for polymer balling and encapsulation.

RECOMMENDED APPLICATION:

CTI-134 should be slowly added to the system at a point that assures maximum agitation and mixing. The product may be utilized along, or as a component of a more complex anionic system. Care should be taken in mixing or over treatment can result in excessive viscosity, polymer balling and encapsulation. CTI-134 is typically to aqueous based fluids at a rate of 1 to 2 gallons per thousand gallons of fluid. Maximum yield will be obtained after 15 to 30 minutes of mixing. The use of soda ash and/or caustic soda are recommended to control pH and calcium content. When added to fresh water this recommended loading rate will provide a fluid with a marsh funnel viscosity range of 45 to 75. Pilot testing is recommended to determine the optimum concentration of CTI-134 to meet specific application needs.

PHYSICAL PROPERTIES:

Form, 70°F	White Liquid
Density, (lbs/Gal)	8.59
Pour Point	+10°F
pH, (10% Solution)	7.0 – 8.0

SOLUBILITY:

Fresh Water	Soluble
15% HCl	Soluble
Hydrocarbon	Dispersible
Ionic Charge	Anionic

STORAGE AND HANDLING:

CTI-134 is available in 55 gallons drums, tote tanks, and bulk tank wagons. As with any industrial chemical, keep out of reach of children and avoid prolonged contact with skin and eyes. In case of skin or eye contact, flush the exposed area with copious amounts of water. A material safety data sheet outlining proper handling of this product is available upon request, or will be forwarded upon the purchase of the product.

SHIPPING INFORMATION:

All Containers:

Flammable Liquid, N.O.S., 3, UN-1993, PG III,
(Contains Isopropanol Solution)

HANDLING PRECAUTIONS:

For information regarding safety precautions in handling, health hazards, and exposure, please refer to the material safety data sheet for this product. In case of emergency, please call (956) 683-8022.

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