



PRODUCT FEATURES

- * Cationic Emulsion Co-Polymer
- * Friction Reducer/Clay Stabilizer
- * Rapid Hydration & Yield
- * Excellent Selective Flocculant

DESCRIPTION

SP-902 is a high molecular weight cationic 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 **SP-902** provides rapid hydration and yield with a minimum tendency for polymer balling and encapsulation

RECOMMENDED APPLICATION

SP-902 should be slowly added to the system at a point that assures maximum agitation and mixing. The product may be utilized alone, or as a component of a more complex anionic system. Care should be taken in mixing, as rapid addition, insufficient mixing or over treatment can result in excessive viscosity, polymer balling and encapsulation. **SP-902** is typically applied 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 35 to 50. Pilot testing is recommended to determine the optimum concentration of **SP-902** to meet specific application needs.

TYPICAL PHYSICAL PROPERTIES

Form, 70°F	White Liquid
Density, lbs/gallon	8.45
Pour Point, °F	+ 10
pH, (10% Solution)	7.0 – 8.0
Solubility	
Fresh Water	Soluble
15 % HCl	Soluble
Hydrocarbon	Dispersible
Ionic Charge	Cationic

STORAGE AND HANDLING

SP-902 is available in 5 gallon pails, 55 gallon 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, wipe off excess product and flush the exposed area with copious amounts of water. CAUTION: When this product contacts water it becomes extremely slick, which may result in accidents. If spilled, soak up spill with suitable material. Do not use water to clean spills. Keep from freezing. 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:
Not D.O.T. Regulated

TI-0310

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