

FA-410C Foamer for Acid

Product Overview

FA-410C is a high performance Cationic foaming agent designed to produce high quality foaming and wetting characteristics in a wide range of applications. The product is designed for use in foaming common organic acids as well as hydrochloric, hydrofluoric, mud acid and dilute sulfuric acid solutions. **FA-410C** also finds application in foaming guar gel and cross linked gel solutions. The product produces a high quality, stable foam in all applications and is thermally stable up to 475°F. **FA-410C** provides excellent compatibility with other additives and typically produces foam qualities in excess of 80% with liquid volume fractions below 0.20. The use of **FA-410C** reduces swabbing time considerably and often eliminates it altogether.

Recommended Application

FA-410C may be applied by either batch treatment into the treating system, or mixed “on the fly.” Typical load rates range from 2 to 10 gallons per thousand gallons of fluid depending on the fluid to be foamed, the treatment type and the desired foam quality. Pilot testing is recommended to determine the optimum product load rate for the desired performance in specific systems.

Recommended Usages

- Foaming Agent for all Common Acids
- Excellent Foam Stability
- Biodegradable

Typical Properties

Property	Value
Density, lbs/gal @ 68°F (20°C)	8.98 lb/gal.
Specific Gravity	1.062
Pour Point	-30°F
pH	8.5-9.0
Solubility, High TDS Brine	Soluble
Solubility ,Water	Soluble
Hydrocarbon	Dispersable
Appearance	Yellow liquid
Charge	Cationic

Shipping, Handling & Storage

FA-410C is available in 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, 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.