

INFORMATION

CA-FR5

DISPERSANT FOR HIGH SALT CONTENT SYSTEMS

DESCRIPTION

CA-FR5 is a free-flowing granular material for use as a friction reducer/dispersant in cement slurries containing more than 18% salt (BWOW).

Form	Red to brown powdered material
Specific Gravity	Approximately 1.5

APPLICATION

CA-FR5 should be used in cement systems where the salt concentration is above 18% by weight of water. Both CA-FR3P and CA-FR3L are incompatible with high salt concentrations. CA-FR5 allows high density slurries to be mixed and pumped. In addition, CA-FR5 synergistically with standard fluid loss control agents, and helps improve filtration control, and can help control gas migration. CA-FR5 may show slight retarding tendencies in some cement slurry designs, but the tendency is insignificant.

RECOMMENDED TREATMENT

Recommendations for dosage should be made only after a thorough study has been made of all the factors affecting the application.

CA-FR5 is normally added at a concentration of 0.2% to 0.75% by weight of cement and can be added directly to the mix water or may be dry-blended with the cement.

CA-FR5 has a strong retarding effect on cement slurries which permits use in wells with bottom hole temperatures in excess of 250°F.

LIMITATIONS

CA-FR5 should be used in conjunction with calcium chloride where bottom hole temperatures are less than 140°F to help offset excess retardation

SAFETY

Eye contact should be avoided and could cause minor irritation. Repeated or prolonged contact with skin may cause skin irritation. Avoid breathing dust. In case of contact, immediately flush skin or eyes with fresh water for up to 15 minutes. If irritation persists, obtain medical attention.

PACKAGING

CA-FR5 is normally available in export quality 50 lb net sacks.

CA-FR5 is a Messina trademark