

INFORMATION

MESUCO-FOAM

FOAMING AGENTS FOR MIST AND STABLE FOAM DRILLING

DESCRIPTION

MESUCO-FOAM is a multi-functional liquid surface-active agent especially formulated to provide maximum foam under a wide variety of field conditions, including water ranging from fresh to high brines, and temperatures in excess of 300° F.

Moderate hydrocarbon levels and formation fines have much less effect on the foaming properties of MESUCO-FOAM than on most other foamers. The superior foam quality generated through the use of MESUCO-FOAM make it ideally suited for a variety of applications ranging from stiff foam drilling to enhanced oil recovery operations. MESUCO-FOAM is nonhazardous.

Its typical properties are:

Form	Amber to yellow Liquid
Specific Gravity	0.98 - 1.10
Flash Point	> 150 °F
Pour Point	< 0 °C

BENEFITS

- Superior foamer for fresh and high brine waters.
- Provides superior foam stability for stable foam drilling.
- Remains a stable liquid at temperatures in excess of -40° F. Downhole temperatures in excess of 200° F have less effect on the foaming properties of MESUCO-FOAM than most other surfactant/foamers being used in the oilfield.
- Provides excellent, consistent foam quality and half-life characteristics in a variety of additional applications, including enhanced oil recovery, cementing, and foam fracturing operations.

APPLICATION

MESUCO-FOAM is particularly effective in fresh water and brines up to 200,000 mg/L total dissolved solids. In a typical application, where the water is fresh or of low chloride content, the minimum concentrations for air mist and stable foam drilling is approximately 0.25%, based on the water volume. The concentration increases up to 0.5% as the chloride content increases to maintain standard quality foam. In the event a stiffer foam is required, the concentration can be increased.

MESUCO-FOAM can be added batch-wise to mist tank or metered into the mist fluid with a chemical pump.

The loading to be used in the field will vary with water make up and application requirements. Therefore, it is recommended that the loading be optimized by laboratory pilot testing prior to use in the field.

HANDLING

Avoid contact with skin, eyes, and clothing. If contact does occur, flush exposed area with copious amounts of water.

Material Safety Data Sheets are available upon request, or will be forwarded upon the purchase of MESUCO-FOAM.

PACKAGING

MESUCO-FOAM is packaged in 55 gal steel drums and shipped as a Combustible Liquid, N.O.S.

MESUCO-FOAM is a Messina trademark