

Air Foam SX – Anionic, Biodegradable Air Drilling Foam

Solutions Through Technology..... Environmentally Friendly Chemicals

Product Description

Air Foam SX is a proprietary blend of biodegradable surfactants which provides maximum foaming power in soft and hard water, fresh water, and saturated brine solutions. **Air Foam SX** produces a stable, consistent foam in the presence of oils or high concentrations of polyvalent cations such as calcium and magnesium. **Air Foam SX** is compatible with all types of make-up water. It enhances the rate of cuttings removal and increases the ability to lift large volumes of water. **Air Foam SX** reduces the sticking tendencies of wet clays and the erosion of poorly consolidated formations.

Application

- Maintain a cleaner and more stable hole
- Reduce air volume and pressure requirements
- Provide special air drilling techniques for unstable zones, lost circulation zones, and large diameter holes
- Reduce the sticking tendencies of clays

Recommended Treatment

1/8 to 1/4 gallon of Air Foam SX per bbl.

- Inject 20 to 25 gallons in 12 1/4" hole
- Inject 25 to 30 gallons in 17 1/2" hole

Handling

Always wear proper personal protective equipment. Avoid prolonged or repeated breathing of vapor. Avoid contact with skin and eyes. In case of eye contact, immediately flush with large amounts of water for 15 minutes. In case of skin contact, wash with soap and water. Remove contaminated clothing, including shoes and launder before reuse. *See SDS for further details regarding the safe use of this product.*

Storage

Store in a well-ventilated place. Keep container tightly closed. Avoid storing product under freezing temperatures. Do not store at temperatures above 120°F.

Packaging

Air Foam SX is packaged in 55 gallon steel or plastic drums or in 275 & 330 gallon totes.

Typical Chemical and Physical Properties

Appearance	Light Yellow, Transparent fluid
Odor	Mild alcohol
Ionic Charge.....	Anionic
Density, g/ml.....	1.041
Solubility (water)	Soluble
pH, 10% aqueous	7.0
Flash Point (PMCC).....	> 200°F (> 94°C)
Pour Point	-6°F (-21°C)