

Adv Foamer HD-1

Solutions Through Technology..... Environmentally Friendly Chemicals

Product Description

Advantage Foamer HD-1 is a specially formulated solution of anionic foaming agents and foam boosters developed for use in air mist and stable foam drilling operations. The product has been designed to provide an economical, high performance foaming agent that exhibits superior foam quality and stability in a wide variety of fluids and field conditions.

Application

Advantage Foamer HD-1 is recommended for use in fresh water, KCl, and field brines up to a concentration of 150,000 mg/L Cl. The product also exhibits good stability to down hole hydrocarbon influx. **Advantage Foamer HD-1** can be used with compressed air, nitrogen, carbon dioxide, or natural gas foam drilling operations. The versatility of **Advantage Foamer HD-1** coupled with the product's superior foam quality and stability make it an excellent choice for air mist, stable foam, and stiff foam drilling operations.

Recommended Treatment

Advantage Foamer HD-1 may be metered into the mist fluid with a chemical pump or simply poured into the mist tank and mixed with make-up fluids. When utilized in air mist drilling **Advantage Foamer HD-1** is typically applied at concentrations ranging from 0.1% to 0.5% (0.5 to 2.0 gallons /10 bbls) by volume. The products should be applied to stable or stiff foam systems at a typical concentration of .75% to 2.0% by volume (3 to 8 gallons/10 bbls). All concentrations are based on fluid volumes only. Use concentrations vary depending on well depth, brine concentrations, fluid influx, bottom hole temperatures, and bit penetration rates.

Handling

Always wear proper Personal Protective Equipment. Avoid eye and skin contact. If eye contact occurs, flush eyes for at least 15 minutes with water. Wash hand immediately after use. If ingestion occurs, do not induce vomiting. Give water and get medical attention.

See SDS for further details regarding the safe use of this product.

Storage

Do not store near heat, sparks, or open flames. Keep container closed when not in use. Do not reuse container unless properly reconditioned.

Packaging

Advantage Foamer HD-1 is available in 55 gallon drums, tote tanks, and bulk tank wagons.

Typical Chemical and Physical Properties

Appearance	Clear, Amber liquid	Pour Point	-30°F
Odor	Alcohol	Boiling Point.....	212°F
Specific Gravity	1.020	Flash Point	165°F TCC
Density	8.50	Vapor Pressure.....	0.88 mm HG @ 100°F
pH (neat)	8.0 – 8.5	Vapor Density.....	>1.0 (Air =1.0)
Viscosity	-25 cst @ 100°F	Evaporation Rate	0.1 (Butyl Acetate =1.0)
Solubility.....	Water soluble		