

PRODUCT DESCRIPTION

SES's DR-700 is a specially formulated solution of anionic foaming agents and surfactants developed for use in drilling applications. DR-700 is designed for injection into mud systems to help control mud weight and prevent fluid loss and can also be injected directly into the well to help reduce interfacial tension and bit balling. The foamers in this product work well in fresh water and in low to intermediate brines with limited condensate. This foaming action helps to reduce fluid friction and mechanical drag for improved drilling coefficients and completion rates. DR-700 is also environmental friendly.

RECOMMENDED APPLICATION

DR-700 is typically injected in the stand-pipe before being pumped down-hole. Recommended application rates for DR-700 are 1 to 3 gal/hr with an initial application rate of 50 gal/day. Actual use will vary depending on condition present at individual wells. Local adjustments to application rate will be required to maintain the desired mud weight. Additionally, closed-loop systems may require reduced injection rates or intermittent addition of small amounts of a foam breaker such as aluminum stearate to prevent aeration of pump equipment.

COMPATIBILITY

DR-700 is anionic. It is compatible with nonionic and other anionic additives. It should not be used with cationic additives unless the compatibility is confirmed by testing.

TYPICAL PHYSICAL PROPERTIES

Form:	Liquid
Chemical Family:	Organic
Color:	Green
Solubility:	Water, Brine
Odor:	Mild
Wt. per Gal.:	8.4 lbs.
Charge:	Anionic
Flash Point:	>200 ⁰ F (93.3°C)

HANDLING/STORAGE

Store away from heat sparks and open flame. Keep container tightly sealed to prevent evaporation, contamination, and explosion hazards. Use only with adequate ventilation. Promptly remove any spilled material as it is extremely slippery, especially when wet. Rinse spill with copious amounts of water. It can cause eye, skin and respiratory tract irritation by contact. Do not breathe vapors, especially in a confined area. Recommend use of chemical splash goggles and rubber gloves during handling. Refer to Material Safety Data Sheet (MSDS) for handling and hazard data.

PACKAGING

DR-700 is available in 55 gallon drums and 330 gallon tote tanks.