



## Product Bulletin

### PRODUCT NAME

# Defoamer DF1

## Solids Control Defoamer

### APPLICATION

Defoaming/De-Aerating Closed Loop Systems While Air Drilling With Surfactants.

### DESCRIPTION

Defoamer DF1 is a 100% active defoamer designed for use in air drilling operations while using a foaming surfactant. DF1 has extremely quick foam knockdown capabilities and is designed to keep pit foam to a minimum as well as give maximum deaeration in centrifuges. The addition of Defoamer DF1 aids centrifuge operations such that the cuttings should not require mixing with solidification agents for transport or disposal.

### PROPERTIES

Appearance ..... Pale amber liquid  
Specific Gravity..... 7.3 lbs. /gallon  
pH..... 7.1  
Freeze Point..... -30°F  
Environmental..... Readily Biodegradable  
DOT Classification..... Nonhazardous

### PERFORMANCE

Defoamer DF1 is a concentrated formula that permits fast and complete deaeration. It does not alter drilling additives and is non-corrosive. It works well over a broad pH and salinity range.

### USAGE

Defoamer DF1 is 100% active and therefore contains no water; it should be used undiluted straight from the shipping container. While not necessary, it can be mixed with water prior to addition, but do not add water to the shipping container. For maximum results, apply directly to high shear areas such as pump inlets. DF1 will mix in and treat the entire closed loop system, holding foam down far longer than other solids control defoamers currently used.

### STORAGE

When stored at or below 85F in the original unopened shipping vessel, Defoamer DF1 has a usable life of 12 months from the date of manufacture.

### HANDLING

Refer to MSDS for safety and handling information.

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