

SAFE-DFOAM

SAFE-DFOAM additive is a blended alcohol-base additive designed to reduce foaming and prevent entrained air in all fluids. It is made with higher alcohols. SAFE-DFOAM additive is very effective in all completion fluids as well as water-base drilling fluids—freshwater, brackish, seawater, saltwater and saturated saltwater.*

Typical Physical Properties

Physical appearance.....	Opaque liquid
Odor	Alcohol
Specific gravity	0.95
Flash point.....	240°F (120°C) (COC)
Pour point.....	<-70°F (-57°C)
Boiling point.....	491°F (255°C)

Applications

SAFE-DFOAM additive can be used in any water-base drilling fluid or completion fluid. It is used in small concentrations and is effective in pre-treatments to prevent foam formation and as a foam-removal treatment. Usually a treatment of 1 to 2 gal/100 bbl (0.24 to 0.48 L/m³) of fluid is sufficient to overcome foaming.

Advantages

- Removes foaming tendency of completion fluids and water-base drilling fluids
- Compatible with any fluid
- Use restores pump pressure lost due to foaming and air incorporated in the fluid
- Conveniently added to the system by simply allowing a container to drip into the suction pit
- Can also be broadcast over the surface of the pit as a shock treatment

Limitations

- Drilling or completion fluids with high gel strengths are very difficult to defoam
- SAFE-DFOAM additive works best when gel strengths are not exceedingly high
- Vapors from the mud pits can cause coughing and nose/throat irritation

Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions described in the Material Safety Data Sheet (MSDS).

Packaging and Storage

SAFE-DFOAM additive is packaged in 5-gal (18.9-L) cans.

Store in a dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and/or stacking.

No claim of personal safety is intended nor implied by the use of the name SAFE in this product. Personnel handling this material should read and follow all safety and handling procedures set forth on the Material Safety Data Sheet.

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