

DEFOAM EXTREME

Specialized brine-based system defoamer

APPLICATIONS

- Mitigation and prevention of foaming

ADVANTAGES

- Effective at low concentration in the most extreme foaming environments
- Compatible with most water-based and clear brine fluids
- No significant effect on fluid rheology

The DEFOAM EXTREME* specialized brine-base system defoamer is a silicone-based liquid that can readily and easily be added to water-based fluids or brine to control or prevent foaming in situations when extreme foaming is a concern. It is ideal when using surfactants, such as FLOW-BAK* surface tension reducer, or using lubricants.

The defoamer is compatible with brine systems and reservoir drill-in fluids as well as fluid-loss-control pills. The DEFOAM EXTREME defoamer has minimal impact on fluid rheology and performs in both monovalent and divalent brines. Laboratory testing is recommended to evaluate performance for specific conditions and in high-density brine applications.

When foam is expected, pretreat the system with 0.02% to 0.05% DEFOAM EXTREME defoamer by volume. To control foaming, the defoamer can be directly added over the pits; do not add through a mixing hopper.

Typical Physical Properties

Physical appearance	White liquid
Odor	Mild
Solubility in water	Dispersible
Specific gravity	1.01

Perform maintenance treatments if foam reappears while circulating and after extended storage times.

Toxicity and handling

Bioassay information is available on request. Handle as an industrial chemical, wear protective equipment, and observe the precautions described in the SDS.

Packaging and storage

DEFOAM EXTREME defoamer is packaged in 55-galUS [208-L] drums or 5-galUS [19-L] cans. Keep away from heat, sparks, and flames.