

DEFOAM EXTRA

High-performance defoamer

APPLICATIONS

- Prevention and elimination of foam

ADVANTAGES

- Effective at low concentrations
- Compatible with brine systems, reservoir drill-in fluids, and fluid-loss-control pills
- No significant effect on fluid rheology

The DEFOAM EXTRA[†] high-performance defoamer is a highly effective silicone defoamer for use in reservoir drill-in and completion fluids. The defoamer can be readily added to water-base fluids to prevent or control foaming, particularly when surfactant additives are used.

The defoamer is compatible with brine systems and reservoir drill-in fluids as well as fluid-loss-control pills. The DEFOAM EXTRA 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% DEFOAM EXTRA defoamer by volume. To control foaming, the defoamer can be directly added over the pits. If a surfactant or other additive is used where foaming is at high risk, pretreat the system before adding the surfactant. Maintenance treatments as low as 0.05% by volume will prevent recurrence of foam while circulating.

Typical Physical Properties

Physical appearance	White liquid
Odor	Mild
Color	White
Solubility in water	Dispersible
Specific gravity	1.0

Toxicity and handling

Bioassay information is available upon request. Handle as an industrial chemical, wear protective equipment, and observe the precautions described in the material safety datasheet (MSDS).

Packaging and storage

DEFOAM EXTRA defoamer is packaged in 5-galUS [19-L] cans. Keep away from heat, sparks, and flames.