



## Description

Defoamer is a high-quality grade of alcohol-based defoaming agent which is widely used to decrease surface tension in water-based fluids, brines and workover fluids. Defoamer removes the foam which is created in fluid while mixing or circulating in well. It is applicable in different types of water such as brackish, fresh, seawater, etc.

## Application

Main function of Defoamer is to removing air and gas in active water-based mud systems to ease handling of mud and minimize damages to the rig pumps without drastic effect on muds' rheological or filtration properties.

## Advantages

- Fast acting material
- Easy to mix
- Aids in the removal of oxygen
- Effective in different types of water-based drilling fluids and brines
- Prevents damages of rig pumps due to having air and gas in active mud system
- Compatible with different salinities and broad range of temperatures
- Minimum effect on filtration and rheological properties of fluids
- Environmentally acceptable additive

## Limitations

- Must be checked with local regulations before using
- May not be effective in muds with excessive gel strengths

## Treatment

It is recommended to use Defoamer in water-based muds with concentrations of 0.2 to 0.4 lb/bbl. In case of higher foaming issues, more concentration must be applied with regards to running pilot tests.

## Typical Properties

APPEARANCE	Colorless to yellow liquid
SPECIFIC GRAVITY (20 Celsius degrees)	0.87-0.91
pH	>8
Flash Point	>60 Celsius degrees

## Packaging

Defoamer is available in 5 Gal-Cans or 55-Gal Drums.