



## Description

Biocide is a high-quality grade bactericide which is applicable to the water-based muds, completion fluids and any other oil-field brines without leaving any residues or affecting rheological and filtration properties. Biocide removes broad spectrum of bacteria and micro-organisms, and increases lifecycle of drilling fluid additives.

## Application

Main function of Biocide is control growth of bacterial organisms in water-based drilling fluids, completion fluids, workover fluids and etc. without drastic effect on rheological or filtration properties.

## Advantages

- Compatible with different types of drilling fluids and oil-field brines
- Anti-fermentation of different types of cellulose and natural-based polymers
- Minimum effect on filtration and rheological properties of fluids
- Environmentally friendly additive

## Limitations

- Must be checked with local regulations before using

## Treatment

It is recommended to use Biocide in water-based muds with concentrations of 0.1 to 1% vol/vol. When bacterial activity is already present, treatments must be between 2 and 3% vol/vol.

## Typical Properties

APPEARANCE	Clear light-yellow liquid
SPECIFIC GRAVITY (25 Celsius degrees)	0.95-1.1
Active content	>40%
Disinfection Efficiency (CFU/ml): [Colony Forming Units (CFU per 100 ml)]	Max. 100
Water Solubility	Soluble in brine or fresh water

## Packaging

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