

# Triazine Based Biocide

## Description

Triazine Based Biocide is a highly active bactericide/bacteriostat and fungistat containing Triazine as the active ingredient. It is used in oil and gas, metalworking and other industries.

## Applications

Triazine Based Biocide can be used in all types of water based drilling fluids and completion fluids to prevent and control bacterial growth. It is often used in polymer based drilling fluids to control bacteria contamination and prevent the biodegradation of natural and semi-natural polymers such as starch, CMC, PAC, HEC, and guar gum, especially for prolonged fluid use and re-use.

Other typical applications include packer fluids, seawater, low salinity drilling fluids and other low salinity fluids.

## Features and Benefits

- Provides control of aerobic and/or sulphate-reducing bacteria in water based drilling fluids, completion fluids, fracturing fluids and production wells.
- Helps maintaining fluid rheology and fluid loss control by preventing the biodegradation of natural and semi-natural polymers in water based fluids.
- Helps reduce corrosion by preventing production of acid gases due to bacterial growth.
- Does not adversely interact with formation fluids, drilling fluids or completion fluids.

## Typical Properties

Appearance	Liquid
Color	Colourless/Pale yellow
Specific Gravity	1.09 – 1.11
pH (10%vol sol.)	10 - 11
Solubility	Miscible in water

## Recommended Treatment

Triazine Based Biocide is recommended to be added at a concentration of 0.05 – 0.10 %vol. Treatment frequency is based on severity of bacteria problem. Success of the Triazine Based Biocide treatment may be monitored using bacteria culture test methods.

## Safety and Handling

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

## Packaging

Triazine Based Biocide is available in 5 gal (20 L) can/pail.

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