

Biocide Inhibitor

Corrosion Control

PRODUCT DATA SHEET

General Description

This antimicrobial biocide solution is recommended in water based drilling, completion, and workover fluids. It is effective against both aerobic bacteria such as slime formers and anaerobic bacteria, such as sulfate reducing bacteria (SRB) and iron bacteria which cause bacterially induced corrosion.

Features and Benefits

- Biocide is effective at low concentrations.
- Biocide is compatible with other fluid additives.
- Biocide is easy to apply by batch or by continuous mixing.
- Biocide is quick acting with long term stability.
- Product chemistry is environmentally responsible.
- Biocide has been tested and is approved for use in MatchWell® fluids.

Application Information

This Biocide inhibitor may be used in any salt based clear brine fluid (CBF) to control bacteria and fungus growth. It should not be added through the rig hopper to prevent splash back and accidental rig personnel exposure to the chemical. The Biocide inhibitor should be added directly to the CBF and allowed to blend evenly by normal mixing in the volume being treated. The Biocide concentration will remain at the treatment concentration level and will not react out with metal surfaces of the pits, pumps, lines or wellbore tubulars. Additional treatment will be required if the active volume is diluted with untreated fluid.

Safety and Handling

Avoid skin and eye contact, inhalation or ingestion. For skin contact, wash with soap and large quantities of water. For eye contact, flush with large quantities of water. Use properly designed respirator if adequate ventilation is not available. Refer to the Material Safety Data Sheet for specific details.

PHYSICAL PROPERTIES	
Appearance	Clear liquid with irritating odor
Incompatibilities	Oxidizers or oxidizing materials, alkaline materials
Flash Point	Non-flammable
pH	3.1-4.5
Specific Gravity	1.00-1.01
Viscosity	2.7 cps
Water Solubility	Soluble

PACKAGING INFORMATION
5 gallon pail, 32 pails per pallet

RECOMMENDED TREATMENT
Add one (1) gallon of Biocide per 100 bbls (2.86 kg/m ³) of CBF in the circulating system.



This Additive Has Been Tested and is Approved for Use in MatchWell® Fluids.

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