

MB-5943

MB-9543 microbiocide is based on a mixed aldehyde blend of glutaraldehyde and formaldehyde. It also contains powerful penetrating, non-foaming surfactant to allow the biocide to be effective against bacteria contained in biomass substrate.

MB-5943 microbiocide is highly effective against sulphate reducing bacteria and is used to maintain bacterial control in platform legs, water injection systems, oil processing systems, etc. MB-5943 microbiocide is compatible with oilfield brines and also be used to treat oil production system and pipelines.

MB-5943 contains glycol to allow it to be used in low temperature environments.

Typical Physical Properties

Physical appearance	Clear, slightly hazy, colorless liquid
Density (at 68F/20C).....	1.080-1.140 kg/lit
Pour Point.....	-50C
Flash Point.....	>70C
pH 10% solution	5.5-5.6
Solubility.....	Water

Applications

Batch applications of MB-5943 microbiocide are recommended. Typical treatment is 200-1000ppm for a duration of 1-4 hours.

When applied to water-based drilling and completion fluids, treatment rate ranges from 0.1 to 0.5 kg/m3, depending on severity of bacterial contamination and treatment objectives.

Frequent monitoring of microbiological activity is required to optimize product use.

Toxicity and Handling

Bioassay information is available upon request.

Handle as an industrial chemical, wearing protective equipment and observing the precautions as described in the Material Safety Data Sheet (MSDS).

Packaging and Storage

MB-5943 is packed in 19.8 lt cans, 200 l drums.

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