

# MB-5329

## Microbiocide

### APPLICATION

MB-5329\* microbiocide may be applied by continuous injection or slug treatment depending on treatment design. A specific recommendation for treatment frequency and concentration should be made for each application depending on the severity of the bacteria problem.

The residual concentration of MB-5329 in produced waters can be determined onsite using a straightforward colorimetric analysis method.

Sulfite and bisulfite based oxygen scavengers may have a potential impact on the biocidal efficacy of MB-5329.

However, this is dependent on the ratio between the oxygen scavenger and the biocide, and should be monitored.

A Schlumberger Technical Representative will evaluate all factors and recommend appropriate treatment doses for optimum performance.

MB-5329 microbiocide is a winterized combination-biocide designed for use in oilfield systems. Formulated from a mixture of quaternary amines, phosphonium salts and surfactants it will readily penetrate and disrupt sessile biofilms and is effective against all common forms of bacteria present in oil and gas systems including SRB and GAB.

### Typical Physical Properties

Appearance	Clear, colorless liquid	
Density (at 68°F / 20°C)	9.313 - 9.814 lb/galUS	1.116 - 1.176 kg/ltr
Pour Point	< -58°F	< -50°C
Flash Point	> 212°F	> 100°C
pH (10% dilution)	3.0 - 4.0	
Solubility	Water soluble	

### Handling, safety, and environmental properties

A separate Safety Data Sheet (SDS) is available for this product.

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