

# BioMate\* SAN9495

## biocide

SUEZ's BioMate SAN9495 biocide is designed to:

- Control problem-causing bacteria (sulfate-reducing bacteria, acid producing bacteria, etc.) in oil and gas production systems.
- Minimize corrosion and failures, system downtime, and related operating expenses to maximize operating revenue for oil and gas producers.
- Protect reservoirs from bacteria introduced in production and fracturing operations, preventing souring and associated issues.

## description and use

BioMate SAN9495 is a water-soluble product formulated to provide cost-effective control of bacteria issues in oil and gas production and transportation systems. It contains unique chemicals that are proven to control bacteria, algae, and fungi. BioMate SAN9495 helps reduce biomass accumulations and sour conditions present in many production and disposal systems. It is delivered as a fit-for-use product.

## typical applications

BioMate SAN9495 is effective in controlling bacteria in most hydrocarbon production and transportation systems. It can be used to reduce the risk of corrosion in both onshore and offshore systems.

## treatment

Proper treatment levels for BioMate SAN9495 depend on many factors, such as water chemistry, source of the water(s), preexisting conditions, and system temperatures. Typical treatment levels range from 25 parts per million (ppm) to 500 ppm for production and transportation. Optimum treatment levels are best determined by laboratory testing of representative water samples and optimization based on field performance.

## Water Technologies & Solutions fact sheet

### feeding requirements

Best performance of BioMate SAN9495 depends on the location in the system being targeted. In some cases, periodic batch treatments may be preferred; in other cases, continuous applications work best, applied using a chemical proportioning pump.

Whichever method, the product should be applied at the prescribed dosage directly into the water or production flow. It can also be used in well completions (fracturing) to sterilize fluids and to provide longer term protection. BioMate SAN9495 may be applied batch-wise to treat tanks where bacteria reside, provided adequate mixing is available.

DO NOT MIX with other production chemicals unless compatibility has been checked and approved by a qualified SUEZ representative.

### evaluation

The BioMate SAN9495 program must be conscientiously monitored. Critical data such as injection rates, bacteria counts, corrosion rates, sulfide levels, and iron counts in tanks and process equipment should be recorded and analyzed on a periodic basis. SUEZ's on-site treatment specialists will provide treatment modifications based on evaluation of the data.

### safety precautions

A Material Safety Data Sheet containing detailed information about this product is available on request.



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