

BioMate* MBC781

membrane biocide

features

- Highly effective in reducing bacterial growth and slime build-up on a variety of membrane types
- Effective at low concentrations
- Effective against a broad spectrum of microbiological activity
- Specifically formulated to be compatible with thin film polyamide, polysulfone, and PVDF membranes
- Performance of BioMate MBC781 is enhanced if used after cleaning with Kleen* MCT442 or Kleen MCT882 and Kleen MCT511

description

BioMate MBC781 is an EPA registered, non-oxidizing biocide used to sanitize reverse osmosis (RO) and ultrafiltration (UF) systems and membranes. BioMate MBC781 may be used as a continuous treatment to the feed waters of these systems. A treatment program that includes BioMate MBC781 with other SUEZ cleaning formulations will result in more effective membrane cleaning and decreased cleaning frequencies.

application

BioMate MBC781 should only be used only for industrial applications. It should never be used in those applications in which membrane system permeate, or products formulated with permeate, could be consumed by or injected into humans or animals.

At neutral pH and ambient temperatures [25°C [77°F]], BioMate MBC781 exhibits a half-life of approximately 3

Water Technologies & Solutions fact sheet

months. When necessary, the active ingredients in BioMate MBC781 can be degraded rapidly to form essentially nontoxic products by the addition of sodium bisulfite.

dosing

Typical dosage (added directly to the feedwater) ranges between 1 and 15 ppm (mg/L), depending upon the quality of the feedwater and the severity of the microbial contamination.

Your SUEZ representative can assist you in determining the optimal on-line dosage for your application.

Note: Do not exceed the EPA maximum dosage limits provided on the packaging label.

materials compatibility

Corrosion-resistant equipment, should be used for the storage, preparation, and use of this product per the following compatibility chart:

| Rating | Material |
|--------|--|
| A | Buna N, Neoprene, Teflon |
| B | Butyl, Buna S, EPR, Natural Rubber, Tygon, PVC, Polyethyl HD & LD, Kynar, Polyethyl HDCL, Polypropylene, Polysulfone, HDPE |
| C | SS, Viton A, Urethane, Hypalon, Viton Lithurge, Nylon |
| X | LCS, LB, Al |

(Tygon is a registered trademark of Norton Co., Viton and Teflon are registered trademarks of Dupont,

Kynar is a registered trademark on Atofina Chemicals Inc.)

packaging information

BioMate MBC781 is a liquid material, available in a wide variety of containers and delivery methods. Contact your SUEZ representative for details.

safety precautions

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

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