

BioMate* SAN9383

pasteurizer treatment - biofilm remover and biocide enhancer

- Improves the ability of biocides to control microbiological deposits
- Enhances the performance of both oxidizing and non-oxidizing biocides

description and use

BioMate SAN9383 is a product based on surfactants specifically formulated to assist in the control of microbiological fouling in food and beverage process systems. Although BioMate SAN9383 has no biocidal activity of its own, it can significantly improve the penetration of biocides into the biofilm thus achieving more effective control of biofilm growth and its removal. BioMate SAN9383 is effective when used as part of pre disinfection stage in a cleaning regime for pasteurizers and pasteurizer cooling systems. This liquid product can be used with oxidizing biocides (such as chlorine, bromine or chlorine dioxide) as well as non-oxidizing biocides.

treatment and feeding requirements

BioMate SAN9383 may be used continuously, as part of the chemical treatment program, to provide continual protection when used in conjunction with a continuous oxidizing biocide program. Alternatively, BioMate SAN9383 can be used on an intermittent basis, being shot dosed, as a biocide enhancer, prior to the injection of biocide.

Proper treatment levels and frequency of BioMate SAN9383 addition depend on the degree of system cleanliness, nutrient concentrations, temperature, types of microorganisms, pH, retention time and other system operating characteristics. The product should

Water Technologies & Solutions fact sheet

be used in accordance with control procedures that SUEZ establishes for a specific application.

Equipment recommendations are available upon request.

Compatible Materials – BioMate SAN9383 is compatible with the following materials of construction: 316 and 304 stainless steel, mild steel, Teflon; polyvinylchloride (PVC); PVDF (Kynar), polypropylene (PP), high density cross linked polyethylene and Litharge Viton. (Teflon is a registered trademark of DuPont, Viton is a registered trademark of DuPont Dow Elastomers and Kynar is a registered trademark of Autofina).

Avoid – polyethylene (HDPE, LDPE)

general properties

Physical properties of BioMate SAN9383 are shown on the Material Safety Data Sheet (MSDS); a copy of which is available on request.

packaging information

BioMate SAN9383 is a liquid, available in a variety of containers and delivery method. Contact your SUEZ representative for details.

storage

Store BioMate SAN9383 at moderate temperatures and protect from freezing. If frozen, thaw completely and mix thoroughly prior to use.

safety precautions

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