

BioMate* SAN9387

process water treatment – biocide enhancer

- Improves the ability of biocides to control microbiological deposits
- Enhances the performance both oxidising and non-oxidising biocides for controlling microbial populations and biofilm
- Non-toxic, biodegradable and low foaming tendency

description and use

BioMate SAN9387 is a product based on surfactants specifically designed to assist in the control of microbial populations and biofilms in process water systems.

Biofilms can result in further fouling of equipment, under deposit and/or microbiologically induced corrosion of metals within the system.

BioMate SAN9387 “wets” biofilms improving the penetration of biocides into the biofilm. By penetrating into the biofilm, much more effective control of biofilm growth and removal of biofilms is achieved. This is particularly important in the case of halogens, which have poor penetration properties with respect to dense biofilms.

typical applications

BioMate SAN9387 may be used continuously, as part of the chemical treatment programme, to provide continual protection when used in conjunction with a continuous oxidising biocide programme. Used continuously it will also be present in the system to enhance intermittent biocide programmes. Alternatively, BioMate SAN9387 can be used on an intermittent basis, being shot dosed, as a biocide enhancer, prior to the injection of biocide.

Water Technologies & Solutions fact sheet

treatment and feeding requirements

Proper treatment levels of BioMate SAN9387 depend on many factors, such as microbiological populations, nutrient concentration, and conditions particular to a given installation. The product should be used in accordance with control procedures that SUEZ establishes for a specific application.

The product may be fed directly from the shipping container or storage tank to a point in the cooling system where it will be rapidly mixed with the bulk cooling water.

Equipment recommendations for specific blends are available upon request.

general properties

Physical properties of BioMate SAN9387 are shown on the Material Safety Data Sheet (MSDS); a copy of which is available on request.

packaging information

BioMate SAN9387 is a liquid product available in a variety of customized containers and delivery methods. Contact your SUEZ representative for details.

storage and handling

Store BioMate SAN9387 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.