

Spectrus* BD1500

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

Spectrus BD1500 is a product based on surfactants specifically designed to assist in the control of microbial populations and biofilms in open evaporative cooling systems.

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

Spectrus BD1500 “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

Spectrus BD1500 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, Spectrus BD1500 can be used on an intermittent basis, being shot dosed, as a biocide enhancer, prior to the injection of biocide.

treatment and feeding requirements

Proper treatment levels of Spectrus BD1500 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 Spectrus BD1500 are shown on the Safety Data Sheet, a copy of which is available upon request.

packaging information

Spectrus BD1500 is a liquid blend, available in a variety of containers and delivery methods. Contact your SUEZ representative for details.

storage

Store Spectrus BD1500 at moderate temperatures and protect from freezing. If frozen, thaw completely and mix thoroughly prior to use.

safety precautions

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

Find a contact near you by visiting www.suezwatertechnologies.com and clicking on “Contact Us.”

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