

6 BLUEWELLO BIOCIDES BWBC-07

INTRODUCTION

BWBC-07 biocide is high performance. Broad spectrum antimicrobial agent based on the proven isothiazolone chemistry. This is effective at very low concentration in controlling both the planktonic and surface growth of bacteria fungi and algae have been produced specifically for water treatment.

BWBC-07 biocide rapidly interacts with proteins within the cell causing an inhibition of respiration and synthesizes, which result in an inability to synthesize biopolymer or catabolize substrate. Growth inhibition rapidly becomes irreversible and result in cell death as essential proteins are progressively oxidized. Even before cell death occurs the **BWBC-07** biocide treated organisms are unable to synthesize either biodegradative enzymes or the exopolymers which facilitate microbial adhesion and biofilm formation.

ADVANTAGES

BWBC-07 controls the wide variety of algae bacteria and fungi found in industrial water system. Such a broad spectrum product reduces inventory and handling, Cost, lowers operator training expenses & lessens the risk of dosing error.

1. Effective control of such a wide variety of microorganisms at low concentration which provides an unrivalled & cost effective treatment.
2. Effective against biofilm as it readily penetrates the surface of adhering biofilm to give effective control of sessile microorganisms.
3. When diluted below use concentrations, **BWBC-07** is readily biodegradable. Its decomposition does not lead to the presence of chlorinated organic in the environment.
4. It exhibits excellent performance over a broad pH range, even in alkaline water systems.
5. Water solubility is 100%
6. It is compatible with chlorine, corrosion, & scale inhibitors & most anionic, cationic & non-ionic formulations at normal use level.
7. **BWBC-07** biocide is non-foaming.
8. **BWBC-07** remains active for long periods of time in the water systems, resulting in low service costs.
9. This biocide is of low toxicity at recommended use levels.

DOSAGE

Dosage normally depends on the extent of microbiological population & fouling.

Cooling tower systems which are heavily contaminated should be cleaned before the addition of **BWBC-07**. **BWBC-07** is added to the cleaned systems or when the microbial growth is first noticed according to the following schedule.

Initial does of 150-200 ppm is added. This does may be repeated once or twice in a weak or as required to control the microbial growth. Subsequently the dosage may be adjusted after the microbial control is evident. Generally around 50-70 ppm of **BWBC-07** is added weakly as a maintenance dosage.

STORAGE AND HANDLING

Keep the container tightly closed away from direct heat & sunlight. Avoid contact with skin & eyes.

If it comes in contact with skin or eyes flush with plenty of clean & cold water. If necessary, seek medical attention. Wear protective clothing safety goggles, hand gloves, shoes while handling the chemical.

PACKING

BWBC-07 is available in 35 & 20 Kg HDPE Carboys.

MAKE AN ENQUIRY

BEST QUALITY BEST RATE