RBC BIOTAB

OVERVIEW

Slowly dissolving tablet intended for prevention of biofilm formation in drain and condensate lines.

INTRODUCTION

Condensate lines from chiller and refrigeration units are the ideal breeding ground for some bacteria that are part of our natural environmental microflora and do not normally cause us any problems. These bacteria can arise from the water in the drain or be introduced from the air through the recirculation fans of the cooling system. Organic material from foo residues along with the right amount of heat, oxygen and moisture encourage these bacteria to grow and form a biofilm around pipework and drains. However, in many circumstances the repeated hot and cold cycles, periods of starvation and low water activity are very stressful on these bacteria and they have evolved a mechanism to deal with this. They produce a thick, slimy, protective coat composed of 'extracellular polysaccharide' (or 'EPS'). The result of this is that normally invisible bacteria become very visible and their EPS coats form one single mass of gel. This gel can harden and quickly block the drain lines causing flooding, cooling failure, closure of isles in retail with loss of profits, foul smells, and high reactive plumbing costs.

TECHNICAL DESCRIPTION

RBC BioTab is a bronopol-based biocidal product formulated as a slow release tablet. Intended for easy positioning in pipework or drip pans of systems designed for handing low flow drainage of waste water and condensates. The product is versatile for use in a variety of systems but especially those that experience wet and dry cycles that encourage EPS formation. In these circumstances most chemical, biological and enzyme cleaning products are ineffective, and liquid biocides will require frequent dosing and will quickly dilute beyond their effective concentration ranges.

Bronopol is an organic compound used for many years as a preservative in personal care and consumer hygiene products and also widely used in a variety of industrial applications as a slimicide.

RBC BioTab can be used as a single treatment solution for EPS control in drainage systems or in combination with ChillGuard and Cleaner Disinfectant provide a complete solution for chiller and refrigeration EPS problems.

FEATURES & BENEFITS

Features	Benefits
Small 15mm diameter tablets	Slow release of active
Odourless formulation	Control of EPS formation; reduces blockages
No chlorine	Reduce isle closure and loss of profit
Convenient pack size	Controls foul odour
Easy to use	Reduces frequency of manual cleaning
Long lasting formulation	Reduces cost reactive maintenance
Compatible with all other cleaners	Active for up to 6 months

APPLICATION AREAS

- Condensate drain lines
- Chiller and refrigeration drip pans
- Air conditioning drip trays
- Drainage gulleys

Compatible with all plumbing materials and surfaces including HDPE, polycarbonates, copper, stainless steel, non-vulcanized rubber seals, adhesives and sealants.

INSTRUCTIONS FOR USE

Place 2-5 tablets into path of condensate flow. This may be a drip tray (at the raised edge), drainage gulley or closed pipe with a suitable U-bend or P-trap.

When wetted, the tablets will slowly dissolve and the biocidal action will keep the drain free from EPS and other slime. When almost completely dissolved replace tablets. Frequency of replacement will depend upon the size and design of the chiller/refrigeration unit, type of food, atmospheric humidity, temperature, historical performance characteristics and timing of service cycles

Always use biocides safely. Always read the label and product information before use. Refer to the Safety Data Sheet for detailed handling/storage instructions.

PACKAGING

Single pot contains 200 x 1g tablets.
Single case contains 6 pots