

# Prevent Bacteria Growth ...at a Principal Source

MCGUIRE PLUMBING PRODUCTS  
TREATED INSIDE AND OUT WITH  
IONIC SILVER ANTIMICROBIAL COMPOUND



THE PROBLEM: Moisture on the inside of p-traps, sink drains and drainage piping provides an ideal breeding ground for bacteria. The bacteria colonize creating biofilm which can aspirate out of the drainage assembly. Most conventional cleaning products and procedures focus on cleaning the plumbing fixture and plumbing equipment surfaces, not the inside of the drainage assembly. The effectiveness of the cleaning process can dissipate almost immediately.



TRUST  
McGUIRE

[www.mcguiremfg.com](http://www.mcguiremfg.com)



1-800-676-1832



THE SOLUTION: McGuire products treated with SANIGUARD® inorganic antimicrobial product protection.

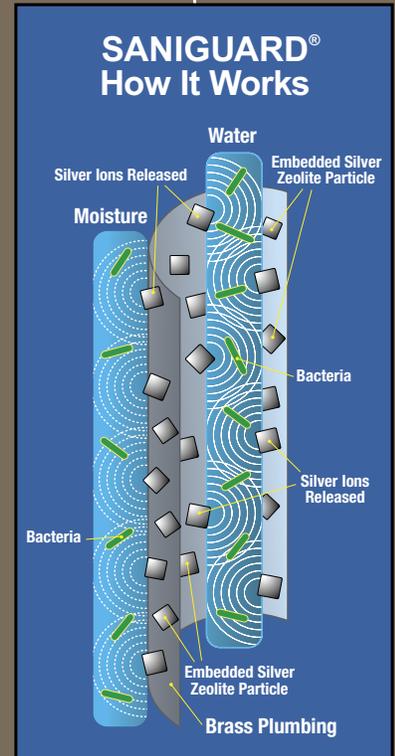
when bacteria comes in contact with a p-trap or drain, retarding bacteria growth.

McGuire p-traps and drains treated with SANIGUARD, provide a more effective method for the prevention of bacteria growth in and on plumbing fixture trim. Treating p-traps and drains during the manufacturing process, both inside and out with SANIGUARD, allows the silver-ion release technology to become part of the manufactured product. The inorganic antimicrobial treatment releases on demand

McGuire products are ideal for:

- Hospitals
- Nursing Homes
- Clinics
- Schools
- Airports
- Commercial and Institutional Kitchens

## UNIQUELY TREATED INSIDE AND OUT



**ProDrain®\***  
an innovative design by McGuire,  
now protected with SANIGUARD®



### TRI-MODAL EFFICACY

- It attacks the bacteria's cell wall.
- It starves the bacteria by altering the cell's metabolism.
- It disrupts the reproductive cycle, so the bacteria can't continue to multiply.



\*McGuire's ProDrain® with SANIGUARD®, installed in fixtures without overflow openings, can prevent bacteria growth in and on the drainage assembly.

## IONIC SILVER COMBATS BIOFILMS

Experts in the field of antimicrobials say that the most effective way to prevent biofilm formation is to inhibit colonization and proliferation of bacteria, which is the primary mechanism by which antimicrobial silver combats biofilms.



Biofilm formation on the inside of plumbing pipe connection



SANIGUARD® treatment is a built-in, cost-effective, inorganic antimicrobial coating that utilizes a silver ion-based technology to retard the growth of bacteria, molds and mildew on treated surfaces. SANIGUARD treatment is utilized on the inside and outside of McGuire's P-Traps and Drains to prevent the growth of bacteria on treated surfaces.

### **SANIGUARD® Antimicrobial Product Protection**

By Component Hardware Group, Lakewood, NJ

SANIGUARD® antimicrobial product protection is a built-in antimicrobial treatment for metal and plastic products and coatings. When microbes come into contact with a treated product surface, SANIGUARD's inorganic, silver ion technology actively inhibits their growth by hindering cell wall transmissions, disrupting cell metabolism, and interfering with cellular reproduction.

SANIGUARD® coatings and additives are effective against most common bacteria, yeasts, molds, and fungi that cause stains, odors, and product deterioration. In addition, applying our SANIGUARD treatment makes products easier to clean and keeps them cleaner and fresher between cleanings.

SANIGUARD® treatment is silver ion-based antimicrobial material which US EPA has registered for use in a variety of products and coatings (EPA Reg. No. 71227-1-72854). The SANIGUARD treatment may be applied as a powder coating to metal substrates or mixed with plastic resins for extruding and injection molding. As a result, our SANIGUARD coatings and additives can be cost-effectively applied to many plumbing and hardware components.

SANIGUARD® antimicrobial product protection is built-in to products during the manufacturing process and will not wash off or wear away. Under normal cleaning conditions, the SANIGUARD treatment will provide continuous antimicrobial product protection for the useful life of the product.

SANIGUARD® antimicrobial product protection is designed to protect the product itself. It is not a disinfectant and does not protect users or others against food-borne or disease-causing microorganisms. Users should continue to maintain proper cleaning and hygienic practices.

### **McGuire Manufacturing Co., Inc.**

60 Grandview Court, Cheshire, CT 06410

Call: 1-800-676-1832

Or visit us on the web: [www.mcguiremfg.com](http://www.mcguiremfg.com)

**ABOUT McGuire:** For over 50 years, McGuire has been the plumbing industry's leading manufacturer of commercial grade p-traps, fixture drains, sink strainers, water supplies, stop valves and ADA fixture trim covers. McGuire products are installed in hospitals, clinics, schools and other commercial buildings where quality products are specified and required.