

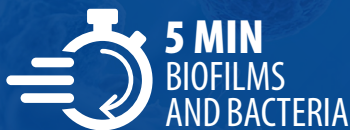
Product Sheet

INFECTION CONTROL

BIOASSURE™



Your ally in eliminating
biofilms and bacteria
in pipes.



A fast-acting,
Health Canada-approved
solution that kills bacteria
in drains in 5 minutes

BIOASSURE™ is a revolutionary disinfectant approved by Health Canada (DIN 02456435) for eliminating bacteria in drains, including **antibiotic-resistant superbugs**. It works in just **5 minutes**, even in high-risk environments like healthcare drains.

Recommended for:



Hospitals and healthcare centres



Seniors' residences



Clinics and healthcare facilities



Schools and other public settings



SANI MARC 

WOOD WYANT™

Subsidiary of Sani Marc Group

The Problem with Biofilms

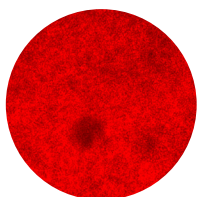
Drains are a known source of superbug transmission. These superbugs are often protected by biofilms that make them resistant to traditional disinfection treatments.

Biofilms are microorganisms that form a thin, viscous layer on surfaces. They protect bacteria and allow them to survive in hostile environmental conditions, as they become highly resistant to antibiotics and disinfectants.

Biofilms in plumbing can become breeding grounds for serious diseases and superbugs (CRE, MRSA, VRE, norovirus, etc.).

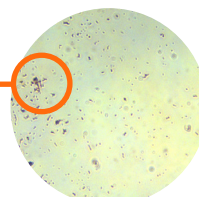
Splashing water can spread bacteria up to 2 metres around a sink, contaminating surfaces and users.

Optimize your Disinfection Efforts



STATE OF BIOFILMS IN DRAINS
**BEFORE TREATMENT
WITH BIOASSURE™**

Dead
BIOFILM
RESIDUE



STATE OF BIOFILMS IN DRAINS
**AFTER TREATMENT
WITH BIOASSURE™**

	Microorganisms
Antibiofilm Efficacy	<i>Pseudomonas aeruginosa</i> (ATCC 15442)
	<i>Staphylococcus aureus</i> (ATCC 6538)
Antibiotic-Resistant Organisms	Methicillin-resistant <i>Staphylococcus aureus</i> (ATCC 33591)
	Vancomycin-resistant <i>Enterococcus faecalis</i> (ATCC 51299)
	Carbapenemase-producing <i>Escherichia coli</i> (ATCC BAA-2340)
	Carbapenemase-producing <i>Klebsiella pneumoniae</i> (ATCC BAA-1705)
Bactericidal Efficacy	<i>Pseudomonas aeruginosa</i> (ATCC 15442)
	<i>Salmonella enterica</i> (ATCC 10708)
	<i>Staphylococcus aureus</i> (ATCC 6538)

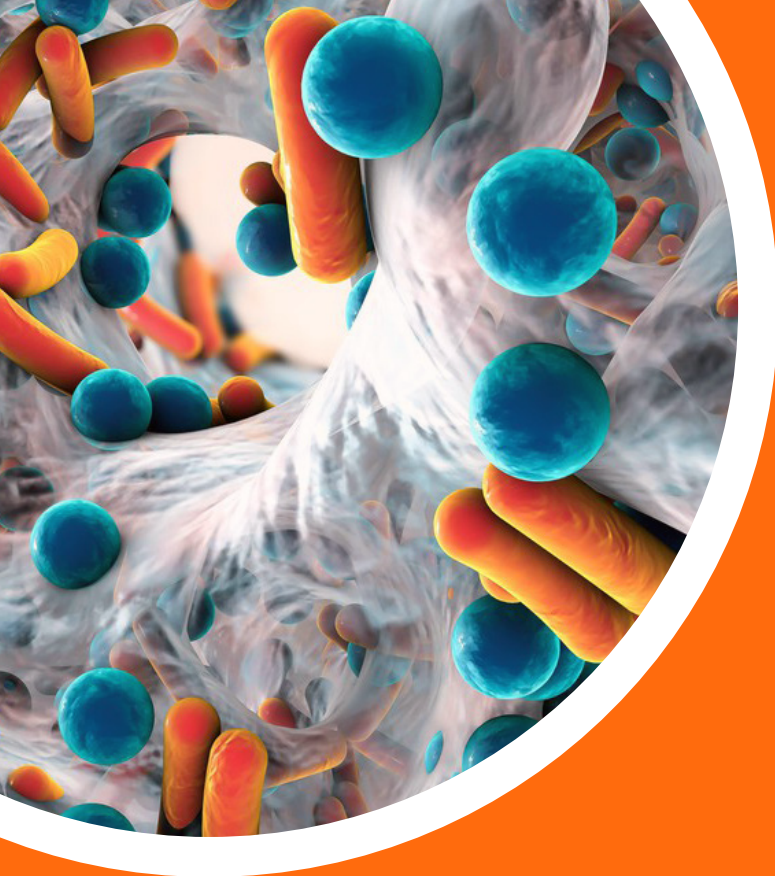
Biofilms in Figures

- In 2019, Canada recorded 25,959 cases of resistant infections, including 16,070 cases of *Clostridioides difficile* (C. difficile) and 9,889 cases of methicillin-resistant *Staphylococcus aureus* (MRSA). These infections led to 1,743 premature deaths, primarily among individuals aged 75 and older.
- The direct hospital costs attributed to C. difficile and MRSA infections exceeded \$125 million in 2019.

Source:

Hospital and related resource costs associated with antimicrobial-resistant infections in Canada, 2019, Alan Diener, Hui Wang, and Miriam Nkangu.

<https://www.canada.ca/content/dam/phac-aspc/documents/services/reports-publications/canada-communicable-disease-report-ccdr/monthly-issue/2022-48/issue-11-12-november-december-2022/ccdrv48i1112a06-eng.pdf>



More Reasons to Choose BIOASSURE™



Proven Effectiveness Against Biofilms

- Kills bacteria lodged in drain biofilms in 5 minutes.
- Targets antibiotic-resistant organisms.
- Prevents the spread of nosocomial infections.
- Breaks the chain of infection by eliminating bacterial reservoirs.



Quick & Easy to Use

- Can be used with a foam cart or portable hand pump.
- Treatment can be done even when the room is in use.



Safe and Compliant

- Approved by Health Canada (DIN 02456435).
- Won't corrode drains or leave any buildup.
- Optimizes modern disinfection protocols.

Application Method

CART



1.

Pour 19 L of water into the cart tank.

2.

Add the entire contents of the BIOASSURE™ bottle.

3.

Add more water to reach the 20 L mark.

4.

Spray foam into the drain until all water in the P-trap is displaced.

5.

Allow a minimum contact time of 5 minutes, then rinse.

PORTABLE HAND PUMP (targeted treatment)



Pour 500 mL of water into a 1.5 L hand pump.

Add 30 mL of BIOASSURE™ and shake gently.

Fill with water to the top to achieve a 2% solution.

Pump foam into the drain.

Allow a minimum contact time of 5 minutes, then rinse.



Name	Format	DIN	Code
BIOASSURE™	400 mL	02456435	09-10216-40 (1000485)
BIOASSURE™ PREPARATION*	1 L	—	20-10150-11 (1001181)
APPLICATION CART	—	—	85FI-AC-WW (1034987)
MANUAL PUMP	—	—	84F1-5LBK-DP75 (1035680)

*Regular degreasing treatment with BIOASSURE™ PREPARATION is recommended.

When you choose
Sani Marc® | Wood Wyant®
for your disinfectant
solutions, you get:

- Professional-grade disinfectant products and specialized solutions tailored to your needs
- On-site training tools for your employees
- Optimized disinfection procedures for maximum product effectiveness

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