



# BioVex® Disinfecting Solution For Schools and Universities Applications

BioVex® provides schools and universities a safe and convenient system to reduce the spread of blood borne pathogens and communicable infections from non-porous surfaces throughout their facilities.

The proprietary blend of oxychloro chemistry of BioVex® provides disinfection by attacking the surfaces of microbes and breaking them down. It works immediately on contact, and remains working until dried. No residual active compound is left behind so no rinsing is required. BioVex® is also an excellent deodorizer.

BioVex® is designed to be diluted with a fixed amount of water to create an affordable yet effective sanitizer that can be used daily, or more often on problem contact areas or in special target areas.

The simple system only requires that the included activator be mixed with the BioVex® concentrate in its container. After a few seconds of mixing, the activated concentrate is then added to tap water as directed. It is then ready to go to work solving your sanitation challenges.

## BioVex® is used in the following areas for disinfection and odor control:

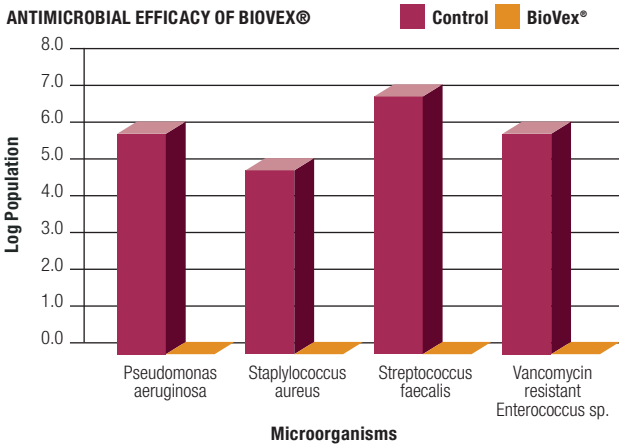
- |                             |                         |
|-----------------------------|-------------------------|
| Classrooms & Cafeterias     | Dormitories & Restrooms |
| Locker Rooms and Showers    | Auditorium              |
| Gym Mats, Workout Equipment | School Clinic           |

BioVex® is often used to treat chairs, beds, benches, floors, walls, medical equipment, workout equipment, restrooms, showers, pools, and a broad range of other applications.

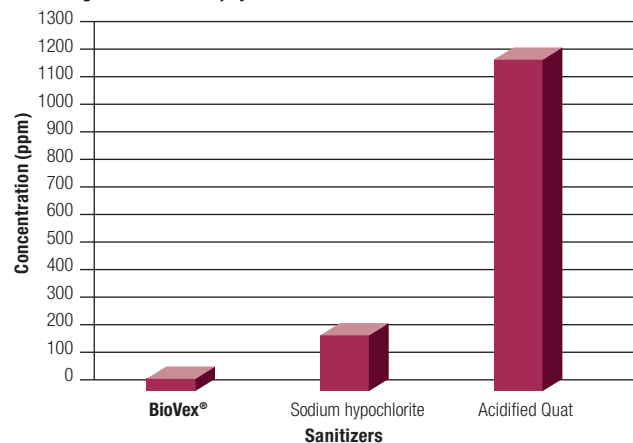
## Concentrate Properties

- Concentration: 2.00 – 2.10% available chlorine dioxide
- pH: 8.2 – 8.5
- Solubility in Water: Complete
- Very Low Acute Toxicity (EPA CAT III)
- Non-Flammable, Non-Explosive, Stable Solution

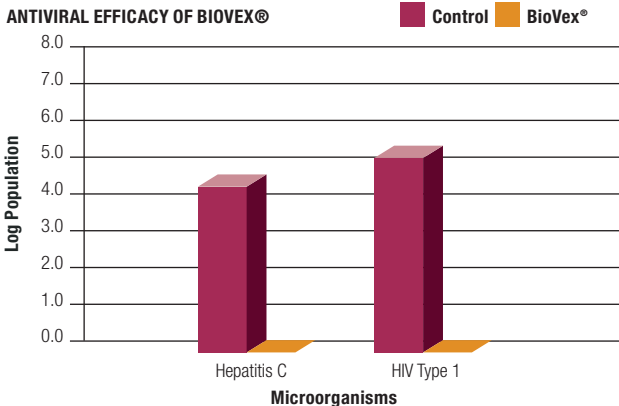
ANTIMICROBIAL EFFICACY OF BIOVEX®



CONCENTRATION OF SANITIZERS REQUIRED for >5 log reduction of Staphylococcus aureus in 60 seconds



ANTIVIRAL EFFICACY OF BIOVEX®



www.bio-cide.com • 2650 Venture Drive, Norman, OK 73069  
405.329.5556 • 405.329.2681 fax • 800.323.1398  
Bio-Cide International is ISO 9001:2008 certified

Distributed by:



1005 S. Main Street  
W. Milton, OH 45383  
937.698.3322

## Comparison of BioVex<sup>®</sup> with Other Conventional Sanitizing Agents

	<b>BioVex<sup>®</sup></b>	<b>Sodium and Calcium Hypochlorite</b>	<b>Glutaraldehyde</b>	<b>Iodophors</b>	<b>Quaternary Ammonium Compounds (409, Lysol, etc.)</b>	<b>Peracetic Acid</b>
<b>Performance</b>	High	Moderate	Moderate to High	Moderate	Moderate to High	Moderate
<b>Contact Time</b>	Minutes	Minutes to Hours	30 Minutes to Several Hours	Minutes to Hours	Minutes to Hours	Minutes
<b>Concentration</b>	500 ppm	1,000 ppm to 1.0%	500 ppm to 1.0%	500 ppm to 1.0%	100 ppm to 1.0%	30-200 ppm
<b>pH</b>	Near Neutral	Alkaline	Neutral	Neutral to Acidic	Acidic to Neutral	Acidic
<b>Corrosiveness</b>	Negligible	Corrosive to Iron and Aluminum	Negligible	Corrosive to Iron and Stainless Steel	Corrosive to Iron, Copper, and Brass	Corrosive to Iron
<b>Toxicity</b>	Negligible	Harmful to Tissues	Can Cause Skin Irritation	Variable, Iodine is Extremely Toxic	Can Cause Skin Irritation	Skin and Mucous Membrane Irritation
<b>Biodegradability</b>	High	Moderate to Low	Moderate to High	Low	Low	High
<b>Cost</b>	Low to Moderate	Low	Moderate to High	Moderate to High	Moderate to High	High