



BioVex[®] Disinfecting Solution For Transportation Industry Applications (Busses, Trains, and Shuttles)

BioVex[®] provides the transportation industry a safe and convenient system to reduce the spread of blood borne pathogens and communicable infections from non-porous surfaces in passenger areas.

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:

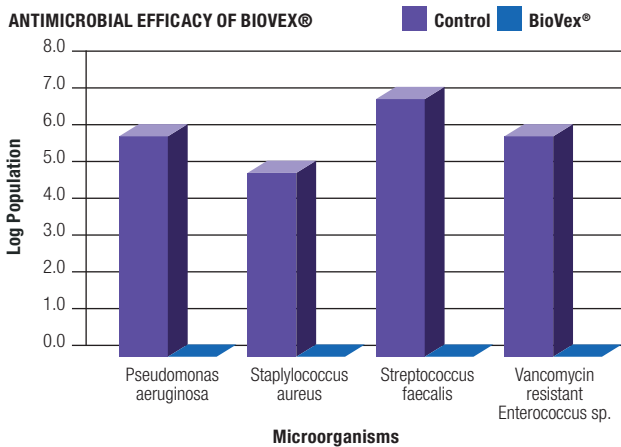
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|------------------|------------|
| Restrooms | Hand Rails |
| Non-porous seats | Lounge |
| Public areas | |

BioVex[®] is often used to treat chairs, beds, benches, floors, walls, restrooms, showers, water baths, whirlpools, laundry and a broad range of other applications.

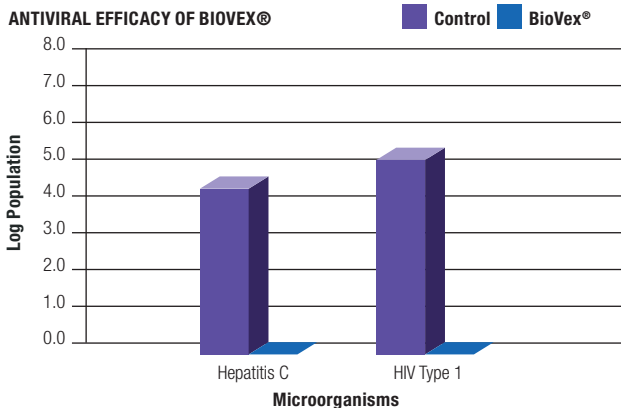
Concentrate Properties

- 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

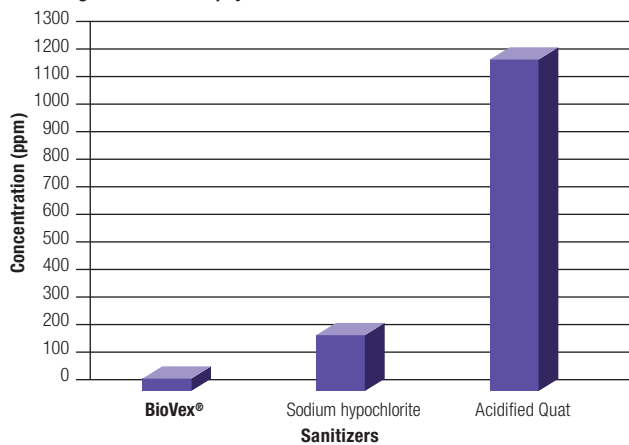
ANTIMICROBIAL EFFICACY OF BIOVEX[®]



ANTIVIRAL EFFICACY OF BIOVEX[®]



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



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Bio-Cide International is ISO 9001:2008 certified

Comparison of BioVex® with Other Conventional Sanitizing Agents

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