

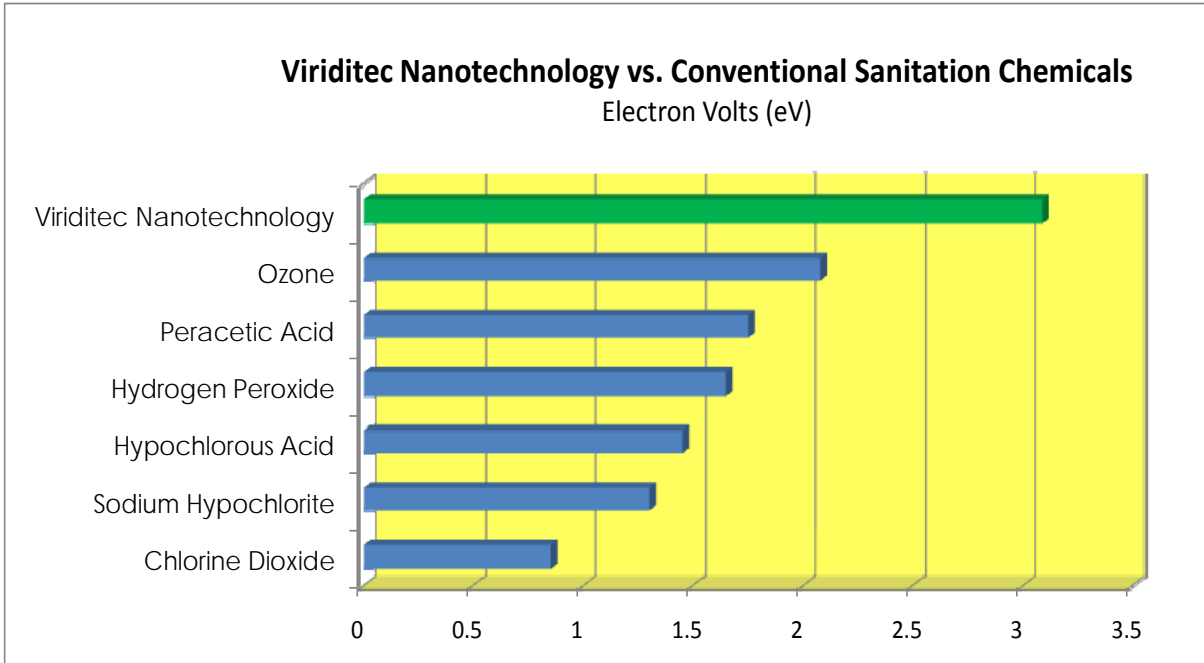


Viriditec Sanitation Solution <sup>TM</sup> is a highly effective sanitizer which releases the natural oxidizing power of activated oxygen.

With greater oxidizing energy than any of the traditional chemical sanitizers, Viriditec can reduce or eliminate the environmental impact of producing, packaging, transporting, utilizing and disposing of traditional chemicals.

Developed by BCG Solutions LLC, this new technology and application destroys a wide range of microorganisms and reduces biofilm which is layers of protein that surround bacteria and stick to equipment surfaces trapping pathogens and protecting them from cleaning and sanitizing chemicals.

The Viriditec Sanitation Solution <sup>TM</sup> is based on advanced tri-atomic oxygen, nanotechnology and molecular chemistry, which are unique in the industry.



Viriditec Sanitation Solution™ is approved by FDA, USDA and EPA for direct food application and can help users create a new sanitation strategy that will extend production times.


**Viriditec Sanitation Solution™ will enable your organization to:**

- Conserve resources by utilizing cold water and low water pressure and reduces environmental condensation common with hot water and steam cleaning
- Reduce consumption of harsh chemicals that are harmful to the environment



- Improve the work place environment and reduce injuries related to chemical cleaning; there is no risk associated with touching or breathing in the Viriditec solution
- Improve air quality by eliminating chemicals fumes and eliminating spoilage odors
- Improve productivity by reducing the overall microbial load in the production environment

## Hard Surface Testing

Analysis		Control	Viriditec	LOG REDUCTION Control vs. Viriditec	Testing Method
<b>Listeria</b>	cfu/mL	<b>1,500,000</b>	n.d.	<b>6.17</b>	FDA III
	Log	6.17	0		
<b>E. Coli</b>	cfu/mL	<b>4,800,000</b>	n.d.	<b>6.68</b>	FDA IV
	Log	6.68	0		
<b>Salmonella</b>	cfu/mL	<b>2,400,000</b>	n.d.	<b>6.38</b>	FDA III
	Log	6.38	0		
<b>Staphylococcus aureus</b>	cfu/mL	<b>3,000,000</b>	n.d.	<b>6.48</b>	FDA XII
	Log	6.48	0		
<b>Campylobacter</b>	cfu/unit	<b>8,000</b>	n.d.	<b>3.903</b>	FDA VII/ SimPlate
	Log	3.903	0		
 13611 B ST, Omaha, NE 68144 402-334-7770		Source: Midwest Laboratories - an independent lab			
		<ul style="list-style-type: none"> <li>* 1 minute Contact Time</li> <li>* 2.0 PPM Viriditec Concentration</li> <li>* <b>Detection Limit = 10</b></li> <li>* <b>Hard Surface Testing</b></li> <li>* n.d. - Not Detected</li> </ul>			

The Viriditec solution is more effective than all traditional chemical alternatives and is environmentally and employee friendly. Viriditec can eliminate the health and safety issues associated with harsh chemicals as the solution does not require the extensive employee protection necessary with traditional sanitization processes.

Simple, effective and cost effective, Viriditec is produced on demand and on site without chemicals. Viriditec is produced using cold water and when applied at a low pressure will eliminate critical pathogens. Viriditec can be effectively used during production and in the production environment for sanitizing a variety of hard surfaces including floors, drains, and overhead areas.

BCG Solutions' applied dosage monitoring system will assure the effective production of the Viriditec Sanitation Solution™ for unprecedented effectiveness and consistency.

- Eliminates energy for production of chemicals and related costs
- Eliminates transportation cost to distribute and handle chemicals
- Eliminates packaging of chemicals and related waste
- Eliminates the need and investment in safety equipment for employees
- Reduces energy costs associated with hot water
- Reduces waste water fees by reducing downstream costs of neutralizing chemical load

# CHEMICAL TREATMENT



CHEMICAL  
PLANT PRODUCTION  
ENERGY



TRANSFER  
FUEL



STORAGE &  
HANDLING



PACKAGE  
WASTE



PROTECTIVE  
EQUIPMENT



5 STEPS

APPLICATION



POST  
WATER  
TREATMENT



ON DEMAND UNIT



COLD WATER

1 STEP



NO HAZARD



WATER WITHOUT  
POST TREATMENT