

# SpectraSan 24™

## Application Procedures by Market

### Nursing Home, Long Term Care & Assisted Living

<b>Patient Rooms</b>	
<b>Light Switches</b>	<ol style="list-style-type: none"> <li>1. Spray <b>SpectraSan 24</b> on a microfiber cloth and wet wipe the surface.</li> <li>2. You may wipe it dry after 2 minutes or allow it to air dry.</li> </ol>
<b>Toilets &amp; Fixtures</b>	<ol style="list-style-type: none"> <li>1. After thoroughly cleaning all interior and exterior surfaces of the toilet with a recommended toilet bowl cleaner, wipe dry or allow to air dry.</li> <li>2. Spray <b>SpectraSan 24</b> on all hard surfaces including the interior and exterior of bowl, flush handle, toilet seat, and all other touch surfaces located in the restroom.</li> <li>3. Allow 2 minutes of dwell time and then wipe the flush handle and toilet seat with a microfiber cloth. Allow the interior and exterior of bowl to air dry.</li> </ol>
<b>TV Remote-Bed Controller-Call Button</b>	<ol style="list-style-type: none"> <li>1. Spray <b>SpectraSan 24</b> on a microfiber cloth and wet wipe all buttons, sides, front and back of unit.</li> <li>2. Allow 2 minutes of dwell time.</li> <li>3. Wipe dry with a microfiber cloth.</li> </ol>
<b>Food /Patient Trays</b>	<ol style="list-style-type: none"> <li>1. Mist <b>SpectraSan 24</b> on surfaces.</li> <li>2. Allow 2 minutes of dwell time.</li> <li>3. Wipe with a microfiber cloth.</li> </ol>
<b>Blood Pressure Cuffs</b>	<ol style="list-style-type: none"> <li>1. Spray <b>SpectraSan 24</b> on microfiber cloth and wipe surface.</li> </ol>
<b>Basin, Bedpan, Portable Urinal</b>	Place in CSR bins in soiled utility room.
<b>Blood &amp; Body Fluids</b>	Visible or gross soil and/or blood and body fluid spills must be removed prior to cleaning. /See Recommended



# SpectraSan 24™

## Application Procedures by Market

### Nursing Home, Long Term Care & Assisted Living

	<i>procedures for Cleaning &amp; Disinfecting a Blood or Body Fluid Spill.]</i>
<b>Furniture, Bed Rails, Night Table, Basin Door Knobs, IV Poles, and other Patient Medical Equipment</b>	<ol style="list-style-type: none"><li>1. Mist <b>SpectraSan 24</b> on counters.</li><li>2. Allow 2 minutes of dwell time.</li><li>3. Wipe with a microfiber cloth.</li></ol>
<b>Protocol for Cleaning and Disinfecting Blood and Body Fluid Spill</b>	<i>Appropriate personal protective equipment should be worn for cleaning up a body fluid spill. Gloves should be worn during the cleaning and disinfecting procedures. If the possibility of splashing exists, the worker should wear a face shield and gown. For large spills, overalls, gowns or aprons as well as boots or protective shoe covers should be worn. Personal protective equipment should be changed if torn or soiled, and always removed before leaving the location of the spill, and then wash hands.</i>
<b>Nursing Station: Computer Keyboards</b>	Keyboard covers can be quickly and easily wiped clean and disinfected. If the facility does not have computer covers available, the keyboards should be wiped daily with a solution of <b>SpectraSan 24</b> liberally sprayed on a microfiber cloth and wiped over the keys.
<b>Counters, Reception Area, &amp; Carts</b>	<ol style="list-style-type: none"><li>1. Mist <b>SpectraSan 24</b> on counters.</li><li>2. Allow 2-minutes of dwell time.</li><li>3. Wipe with a microfiber cloth.</li></ol>
<b>Medical Charts</b>	<ol style="list-style-type: none"><li>1. Mist <b>SpectraSan 24</b> on a microfiber cloth.</li><li>2. Allow 2 minutes of dwell time.</li><li>3. Wipe the surfaces.</li></ol>
<b>Fax &amp; Copy Machine Buttons/Keyboards</b>	<ol style="list-style-type: none"><li>1. Mist <b>SpectraSan 24</b> on a microfiber cloth.</li><li>2. Allow 2 minutes of dwell time.</li><li>3. Wipe the surfaces.</li></ol>



# **SpectraSan 24™**

## **Application Procedures by Market**

### **Nursing Home, Long Term Care & Assisted Living**

<b>Stethoscopes</b>	<ol style="list-style-type: none"><li>1. Mist <b>SpectraSan 24</b> on a microfiber cloth.</li><li>2. Allow 2 minutes of dwell time.</li><li>3. Wipe the surfaces.</li></ol>
<b>Blood Pressure Cuffs</b>	<ol style="list-style-type: none"><li>1. Mist <b>SpectraSan 24</b> on a microfiber cloth.</li><li>2. Allow 2 minutes of dwell time.</li><li>3. Wipe the surfaces.</li></ol>
<b>Hand Rails</b>	<ol style="list-style-type: none"><li>1. Mist <b>SpectraSan 24</b> on rails.</li><li>2. Allow 2 minutes of dwell time.</li><li>3. Wipe with a microfiber cloth.</li></ol>
<b>Wheelchairs</b>	<ol style="list-style-type: none"><li>1. Mist <b>SpectraSan 24</b> on a microfiber cloth and wet wipe the surfaces.</li><li>2. Allow 2 minutes of dwell time and wipe.</li><li>3. Spray all touch points, back of chair, arm rests, and wheels where people place their hands.</li></ol>
<b>Social Areas: TV Remote</b>	<ol style="list-style-type: none"><li>1. Spray <b>SpectraSan 24</b> on a microfiber cloth and wipe all surfaces of the remote control. The microfiber cloth should be moist with <b>SpectraSan 24</b></li></ol>
<b>Chairs</b>	<ol style="list-style-type: none"><li>1. Mist or wet wipe the backs of the chairs with <b>SpectraSan 24</b> where people grab the chair, the undersides of the seat, and especially the arm rests,.</li><li>2. Allow 2 minutes of dwell time.</li><li>3. Wipe with microfiber cloth.</li></ol>
<b>Canes - Walkers</b>	<ol style="list-style-type: none"><li>1. Mist <b>SpectraSan 24</b> on a microfiber cloth and wet wipe the surfaces.</li><li>2. Allow 2 minutes of dwell time and wipe.</li><li>3. Spray all touch points where people place their hands.</li></ol>
<b>Physical Therapy Equipment Door Knobs</b>	<ol style="list-style-type: none"><li>1. Mist <b>SpectraSan 24</b> on a microfiber cloth and wet wipe the surfaces.</li><li>2. Allow 2 minutes of dwell time and</li></ol>



# SpectraSan 24™

## Application Procedures by Market

### Nursing Home, Long Term Care & Assisted Living

	<p>wipe.</p> <ol style="list-style-type: none"><li>3. Spray all touch points where people place their hands.</li><li>1. Mist <b>SpectraSan 24</b> on a microfiber cloth.</li><li>2. Allow 2 minutes of dwell time.</li><li>3. Wipe the surfaces.</li></ol>
--	--

### Helpful Application Hints

There are a number of ways to properly disinfect a hard, non-porous surface so that it no longer represents a potential risk for the transmission of communicable and pathogenic diseases. Those assigned the responsibility of disinfecting hard surfaces in a given facility need to remember that a little common sense goes a long way.

First, make sure the surface has been properly cleaned and rinsed before using **SpectraSan 24** or any other disinfectant. The silver dihydrogen citrate molecule contained in **SpectraSan 24** needs to pierce the cell wall of the microorganism, work its way into the intercellular wall of the organism in an effort to disrupt and destroy the microorganism's DNA. In order to accomplish this, the SDC molecule cannot spend all of its energy trying to fight its way through layers of dirt, grease, grime, scum, and other contaminants. Therefore, remember rule # 1. Always clean the surface *before* applying **SpectraSan 24** or any other disinfectant and/or sanitizer.

A little **SpectraSan 24** goes a long way. Using more product is not better, in fact, it can actually lead to more problems. One 32 oz bottle of **SpectraSan 24** will cover approximately 900-1000 square feet and fogging or misting **SpectraSan 24** through a Fogmaster unit (depending on the micron/misting setting) will yield nearly 2000-4000 square feet of coverage for the same 32 ounces of **SpectraSan 24**.

Remember to mist a *very light coating* of **SpectraSan 24** on the surface being disinfected. Allow 2 minutes of contact or dwell time and then wipe with a microfiber cloth. If the surface you have treated is tacky or sticky, chances are - you used too much product or did not sufficiently wipe the surface after the 2 minutes.

#### **Why wait 2 minutes?**

SpectraSan 24 kills many germs 20 times faster than traditional disinfectants. Traditional disinfectants **MUST** remain wet on the surface for anywhere from 5-10 minutes to kill the germs. Unfortunately, most liquid sanitizers and disinfectants evaporate within 2-3 minutes. Read the product label, if the instructions say the surface



# **SpectraSan 24™**

## **Application Procedures by Market**

### **Nursing Home, Long Term Care & Assisted Living**

must remain wet for 5-10 minutes, but it dries sooner, the surface is not disinfected and product **MUST** be reapplied. **SpectraSan 24** kills many germs in anywhere from 30 seconds to 2 minutes.

#### **Why Use a Microfiber Cloth?**

Microfiber cloths are more versatile to use than cotton material and blends. You can use a microfiber cloth dry for dusting or polishing. Use damp/wet (*just a little water needed*) for cleaning mirrors, windows, counters, stovetops etc. Use the cloth to remove dust, stains, spots, grease, fingerprints, odor causing bacteria and much more! It is especially good to use for disinfecting hard surfaces because you actually need less product to achieve efficacious results and, unlike cotton materials or 100% polyester blends, a microfiber cloth does not leave behind pills, strands, and cotton residue that can act as harborage points for bacteria and germs.

#### **What is Microfiber made of?**

Microfiber is a blend of polyester and polyamide. It is constructed in a blend of either 80/20 or 70/30 ratio of polyester/polyamideams.

#### **Where can I use them?**

You can use microfiber cloths anywhere! Kitchens, bathrooms, cars, windows, mirrors, counters, eye glasses, sinks, showers, furniture, TVs, Bathtubs and tables. The list of uses is endless. They are safe for virtually every surface and will never scratch or harm anything you use them on.

#### **What surfaces are safe for using Microfiber Cloths?**

Microfiber cloths are safe for virtually every surface and will never scratch or harm anything you use them on. Use on tile, linoleum, glass, wood, ceramic, marble, granite, plastic, vinyl, leather, and much more.

#### **Can I use a Chemical Cleaner or Disinfectant with Microfiber Cloths?**

Microfiber cloths remove 98-99% of all dirt (not bacteria) with just water. However, are ideal for use when sanitizing and disinfecting hard surfaces because they do a more effective job, require less product, remain clean longer, and do not inhibit the disinfection qualities of the product.

#### **How do I clean my Microfiber Cloths?**

Wash with warm, soapy water and rinse well. The warm water opens up the microfibers, allowing them to release the locked in dirt. You may also put the cloths in the washing machine and then dry them in the dryer on low. **DO NOT USE** fabric softeners of any kind as the chemicals clog the microfibers, making them less effective. **DO NOT USE**



# ***SpectraSan 24™***

## ***Application Procedures by Market***

### **Nursing Home, Long Term Care & Assisted Living**

bleach either because it corrodes the fibers over time, making them less effective. DO NOT IRON. The typical microfiber cloth can be laundered up to 500 times before needing to be replaced, which makes them extremely economical to use.

### **Maximizing the Effectiveness of SpectraSan 24**

#### **A Clean Surface**

Soil can chemically deactivate a disinfectant as well as physically protect the microbial cell from direct contact with the product. The surface must be cleaned and thoroughly rinsed – made free of soil and residual detergent – which could also chemically deactivate the disinfectant.

#### **Intimate Contact**

In order for SpectraSan 24 to be effective, it must come into direct contact with the cell wall of the organism. Harborages such as pits, crevices, and cracks as well as soil residue can prevent this intimate contact from occurring.

#### **Contact Time is an Important Factor**

Cover the surface so that it is wet. Normally, the longer the dwell time, the more effective the kill. Please remember, though, that dead is dead. If we recommend a 2 minute contact time, waiting 15 minutes is not going to make the organism any more dead than it already is after 2 minutes.

#### **Type of Microorganisms**

It is important to remember that not all sanitizers and disinfectants are equally effective against the same microorganisms. Interestingly, cells in the spore or biofilm state are much more resistant than cells in the vegetative and freely suspended state. It is essential to know what you are fighting and understand that not all germicides are broad spectrum. **SpectraSan 24**, for example, requires 30 seconds to kill most standard indicator bacterium and 2 minutes to kill MRSA, and VRE, 3 minutes to kill Rhinovirus and SARS, and only 1 minute to kill H1N1 (Swine Flu). Many disinfectants and sanitizers currently used in the market require 10 minutes to kill the aforementioned pathogens. When in doubt, read the label. The EPA requires all kill claims to be clearly visible on the product label. A simple rule to remember is, “Facts are facts – if it’s not on the label, it’s not a fact!”

