



Disinfectant, Fungicide, & Virucide*

Fast, Easy, Effective

SpectraSan 24 is an EPA registered, broad spectrum antibacterial, antifungal, and antiviral disinfectant that can provide up to 24-hour residual effectiveness. It kills the most dangerous pathogens as well as everyday household germs.

The Next Generation of Microbial Control

SpectraSan 24 is based on a patented new molecule, silver dihydrogen citrate (SDC). It is the first new antimicrobial in decades. SDC is an electrolytically generated source of stabilized ionic silver that, when formulated as a disinfectant, is colorless, odorless and non-staining and is designed for use on hard, non-porous surfaces. Silver dihydrogen citrate (SDC) is comprised of silver ions and citric acid. These are naturally occurring in the environment. Furthermore, there are no waste or byproducts created in its manufacturing process.

SDC Technology

SpectraSan 24 has the lowest toxicity rating (IV) assigned by the EPA. There are no harsh chemical smells. This product is odorless, non-corrosive, non-flammable, and there is no skin irritation that can be associated with other traditional disinfectants. Strong enough for medical use, yet ideal for use around your children.

How it Works

1. The silver ion deactivates structural and metabolic membrane proteins leading to microbial death.
2. The microbes view SDC as a food source, allowing the silver ion to enter the microbe. Once inside the organism, the silver ion denatures the DNA, which halts the microbe's ability to replicate and leads to death. This dual action SDC is highly and quickly effective against a broad spectrum of microbes.

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Worldwide patented technology

Powerful broad spectrum protection as a disinfectant, fungicide and virucide*

Kills germs in 30 seconds*

Provides residual protection for 24 hours*

Effective against resistant bacteria such as MRSA and VRE

Lowest toxicity rating available by the EPA

Ideal for use in:
Medical Facilities
Institutions
Restaurants
Homes
Day Care Facilities & Children's Toys
Schools & Universities

SpectraSan 24 Ingredients:

Silver (Ions)	00.003%
Citric Acid	04.846%
Other Ingredients	95.151%
Total	100.00%

Patented
Silver
Formula



*refer to product label for details

EPA Registered Disinfection Claims

Organism	Kill Time
‡ <i>Pseudomonas aeruginosa</i>	30 seconds
‡ <i>Salmonella enterica</i>	30 seconds
<i>Staphylococcus aureus</i>	2 minutes
<i>Listeria monocytogenes</i>	2 minutes
Vancomycin resistant <i>Enterococcus faecium</i> (VRE)	2 minutes
Methicillin resistant <i>Staphylococcus aureus</i> (MRSA)	2 minutes
Community Associated Methicillin resistant <i>Staphylococcus aureus</i> (CA-MRSA)	2 minutes
Community Associated Methicillin resistant <i>Staphylococcus aureus</i> (CA-MRSA-PVL)	2 minutes
<i>Escherichia coli</i> O157:H7	2 minutes
<i>Acinetobacter baumannii</i>	2 minutes
<i>Campylobacter jejuni</i>	2 minutes
Trichophyton mentagrophytes (Athlete's Foot Fungus)	10 minutes
‡*HIV type 1- Strain HTLV IIIB	30 seconds
*Herpes Simplex Type 1 VR-733 F(1) Strain	1 minute
*Rotavirus	3 minutes
*Human Coronavirus	3 minutes
*Norovirus	10 minutes
*Avian Influenza A	10 minutes
Influenza A (H1N1)	1 minute
*Swine Influenza A (H1N1)	1 minute
*Respiratory Syncytial Virus (RSV)	3 minutes
*Adenovirus Type 2	3 minutes
*Murine Norovirus	10 minutes
*Influenza A (VR-544, Hong Kong strain)	10 minutes
*Rhinovirus (R37 VR-1147 Strain 151-1)	10 minutes
*Polio Type 2 (VR-1002 Lansing strain)	10 minutes

KEY: * - Refer to viruses ‡ - Refer to organisms controlled with 30 second kill time

‡EPA believes, based on available scientific information, that the currently registered Influenza A virus products will be effective against the 2009 H1N1 flu strain and other Influenza A virus strains on hard, non-porous surfaces.

Product Advantages Compared to Leading Brands

Features	SpectraSan 24	Leading Brands
Active Ingredient	Silver dihydrogen citrate	Ethanol/Ammonium Chloride
EPA Safety Category	IV	II
24-Hour Residual Protection	Yes	None
Kills MRSA	2 Minutes	N/A
Standard Bacteria Kill Time	30 Seconds	10 Minutes
Resistant Bacteria Kill Time	2 Minutes	None
Fungal/Virus Kill Time	30 Seconds - 10 Minutes	10 Minutes
Rinse Required	No	Yes
Irritating Fumes	No	Yes
Skin Irritation	No	Yes
Flammable	No	Yes
Stains Fabric	No	Yes
Corrosive	No	Yes

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