



# SURECLEAN™ PLUS

**SURECLEAN™ PLUS has demonstrated effectiveness against viruses similar to 2019 Novel Coronavirus (2019-nCoV) on hard, non-porous surfaces. Therefore, SURECLEAN™ PLUS can be used against 2019 Novel Coronavirus (2019-nCoV) when used in accordance with the directions for use against Norovirus on hard, non-porous surfaces. Refer to the CDC website <https://www.cdc.gov/coronavirus/2019-ncov/index.html> for additional information.**

**SURECLEAN™ PLUS** is a broad spectrum, one-step, hard surface disinfectant/cleaner. When used as directed, this product will deliver effective biocidal action against bacteria, fungi, and viruses. The product is used as is, "Ready to Use," without further dilution. **SURECLEAN™ PLUS** can be used to disinfect a wide variety of hard surfaces such as floors, walls, and countertops in hospitals, households and institutions. Other areas of use are in restaurants, athletic facilities, schools, restrooms, laboratories, and transportation vehicles and facilities. Other areas of use are in restaurants, athletic facilities, schools, restrooms, federally inspected Meat and Poultry plants, salons, laboratories, and transportation vehicles and facilities. Please see our EPA registered label for complete list of areas of use.

## Summary of Antimicrobial Test Results

<b>Claim:</b> <b>Virucide</b>	<b>Contact Time:</b> 10 minutes	<b>Organic Soil:</b> 5%	<b>Dilution:</b> None - Ready to use
<b>Test Method:</b>	EPA Guidelines		

Organism	Source of Virus or ATCC#	Contact time
Hepatitis B Virus	Hepadna Virus (DHBV)	10 Minutes
Hepatitis C (HCV)	Bovine Viral Diarrhea Virus	10 Minutes
Herpes Simplex Type 1	HSV-1 Sabin	10 Minutes
Herpes Simplex Type 2	HSV-II (CL-5)	10 Minutes
HIV-1 (AIDS Virus)	HTLV-III <sub>B</sub> ; Electronucleonics, Inc.	1 Minute
<b>Human Coronavirus</b>	ATCC VR-740	1 Minute
Influenza A/Brazil	A/Brazil 11/78 (H1N1) E-7 ; CDC	10 Minutes
Influenza Virus Type A/ Hong Kong	VR-544	10 Minutes
Norwalk (Feline Caliciviruses the surrogate for Norwalk virus)	Feline Caliciviruse (FSV) University of Ottawa	10 Minutes
Respiratory Syncytial Virus	VR-26	10 Minutes
Rotavirus	Strain WA	10 Minutes
SARS associated Coronavirus	SARS associated coronavirus strain 200300592	10 Minutes
Vaccinia	Wyeth strain	10 Minutes



**Conclusion:** All lots of **SURECLEAN™ PLUS** effectively inactivated the above listed viruses as specified in the test performance standards. **SURECLEAN™ PLUS** meets the EPA requirements for hard surface virucidal claims in hospital and medical environments when used “as is”, (Ready to Use) in the presence of 5% organic soil.

<b>Claim:</b> <b>Virucide</b>	<b>Contact Time:</b> 10 minutes	<b>Organic Soil:</b> 5%	<b>Dilution:</b> None – Ready to use
<b>Test Method:</b> Approved EPA Test Methods			

Organism	Source of Virus or ATCC#	Contact time
Avian Influenza (H <sub>3</sub> N <sub>2</sub> )	Avian Influenza (H <sub>3</sub> N <sub>2</sub> ) Virus ATCC VR 2072 Strain A/Washington/897/80X A/Mallard/New York/6750/78	10 Minutes
Avian Influenza (H5N1)	Strain H5N1-PR8/CDC-RG CDC#2006719965	10 Minutes
Canine Distemper Virus	Canine Distemper Strain Ondesterpoort	10 Minutes
Feline Calicivirus	Feline Calicivirus (FSV) Univ of Ottawa	10 Minutes
Newcastle Disease Virus	NDV Atcc VR-108 Strain B-1 Hitchner and Blacksburg	10 Minutes
Pseudorabies Virus	PRV Strain Aujesczkies PT-1 Origin	10 Minutes

**Conclusion:** All lots of **SURECLEAN™ PLUS** were found to be effective against the above animal viruses as specified in the EPA test performance standards. **SURECLEAN™ PLUS** is an effective Virucide for nonporous inanimate hard surfaces when used as a ready to use material.

<b>Claim:</b> <b>Fungicide</b>	<b>Contact Time:</b> 10 minutes	<b>Organic Soil:</b> 5%	<b>Dilution:</b> None - Ready to use
<b>Test Method:</b> Approved EPA Fungicidal Test.			

Organism	ATCC#	Contact time
Trichophyton mentagrophytes	9533	10 Minutes

**Conclusion:** All lots of **SURECLEAN™ PLUS** effectively killed Trichophyton mentagrophytes as specified in the test performance standards. **SURECLEAN™ PLUS** is an effective fungicide for nonporous inanimate hard surfaces when used “as is”, (Ready to Use) in the presence of 5% organic soil.



<b>Claim:</b>	<b>Contact Time:</b>	<b>Organic Soil:</b>	<b>Dilution:</b>
<b>Mildewstat</b>	10 minutes	5%	None – Ready to use
<b>Test Method:</b> Approved EPA test methods			

Organism	ATCC#	Contact time
Aspergillus niger	6275	10 Minutes

**Conclusion:** All lots of **SURECLEAN™ PLUS** were effective against *Aspergillus niger* under the test conditions outlined in EPA test performance standards described above. **SURECLEAN™ PLUS** is an effective mildewstat for nonporous inanimate hard surfaces when used “as is”, (Ready to Use) in the presence of 5% organic soil.

**SURECLEAN™ PLUS** is a "One-Step", Hospital-Grade Disinfectant, Virucide, Fungicide, Mildewstat, and Cleaner. Listed below, and in the following pages, is a summary of the Antimicrobial Claims and a review of the test results.

<b>Claim:</b>	<b>Contact Time:</b>	<b>Organic Soil:</b>	<b>Dilution:</b>
<b>Disinfectant</b>	10 minutes	5%	None – Ready to use
<b>Test Method:</b> Approved EPA method			

Organism	ATCC#	Contact time
<i>Acinetobacter baumannii</i>	19606	10 Minutes
<i>Brevibacterium ammoniagenes</i>	6871	10 Minutes
<i>Campylobacter jejuni</i>	29428	10 Minutes
<i>Enterobacter aerogenes</i>	13408	10 Minutes
<i>Streptococcus faecalis</i>	11700	10 Minutes
<i>Enterococcus faecalis</i> – Vancomycin Res	51299	10 Minutes
<i>Escherichia coli</i>	11229	10 Minutes
<i>Escherichia coli</i> ESBL <sup>2</sup>	CU-209	10 Minutes
<i>Klebsiella pneumoniae</i>	4352	10 Minutes
<i>Legionella pneumophila</i>	33153	10 Minutes
<i>Listeria monocytogenes</i>	19117	10 Minutes
<i>Pseudomonas aeruginosa</i>	15442	10 Minutes
<i>Pseudomonas cepacia</i>	17765	10 Minutes
<i>Pseudomonas cepacia</i>	25416	10 Minutes
<i>Pseudomonas cepacia</i>	25608	10 Minutes
<i>Salmonella (choleraesuis) enterica</i>	10708	10 Minutes
<i>Salmonella schottmuelleri</i>	10719	10 Minutes
<i>Salmonella typhi</i>	6539	10 Minutes
<i>Serratia marcescens</i>	274	10 Minutes



Shigella dysenteriae	9380	10 Minutes
Staphylococcus aureus	6539	10 Minutes
Staphylococcus aureus <sup>3</sup>	33592	10 Minutes
Staphylococcus aureus <sup>4</sup>	14154	10 Minutes
Staphylococcus aureus <sup>5</sup> (VISA)	CDC HIP- 5836	10 Minutes
Staphylococcus aureus (MRSA) Community Associated	NRS 384 USA 300	10 Minutes
Staphylococcus aureus (MRSA) Community Associated	NRS 123 USA 400	10 Minutes
Streptococcus pyogenes	12344	10 Minutes
Vibrio cholerae	14035	10 Minutes

**Conclusion:** All lots of **SURECLEAN™ PLUS** effectively killed the above listed bacteria as specified in the test performance standards. **SURECLEAN™ PLUS** meets EPA requirements for hard surface disinfectant claims in hospital and medical environments when used “as is”, (Ready to Use) in the presence of 5% organic soil.

# SURECLEAN™ PLUS

## Regulatory Summary

**EPA Registration #** 6836-152-7048  
**California Status:** Registered  
**Canadian PCP #:** 23764

## Physical Properties

**pH of Concentrate:** 10-12  
**Specific Gravity at 25°C:** 1.008  
**Weight per Gallon at 25°C:** 8.40  
**Flash Point (PMCC):** > 200°F  
**% Quat (mol. wt. 342):** 0.08 – 0.10  
**% Volatile:** 98 - 99