



CLEANDURANCE™

CleanDurance™ - an eco-friendly line of products providing long term protection against viruses, bacteria and fungi.



Manufactured by



## About Our Company

Our business exists to serve our clients' needs and exceed their expectations, with an uncompromising commitment to safety, accountability and integrity.



Develops, manufactures and implements chemistry solutions that are custom tailored for effective use



Headquartered in Prague, OK with two other manufacturing locations and various distribution locations across the US



Team of chemical industry veterans holding dozens of patents and hundreds of publications



## Product Line Overview

CleanDurance™ products have a mechanical functionality which modifies surfaces creating an environment unsuitable for viruses, bacteria and fungi to survive. And unlike traditional cleaners and disinfectants, CleanDurance™ stays working in place for hours, days, or weeks at a time.

**FDA Registered  
EPA Registered Device**

- Long Lasting Protection
- Safe for Use Around Children & Pets
- Safe on Interior & Exterior Surfaces\*
- Non-Flammable
- Non-Toxic
- Alcohol Free
- Dye Free
- Fragrance Free
- Bleach Free



\*Safe to use on any interior or exterior surface not harmed by water.





# Applications

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CleanDurance™ products are powerful enough for clinical settings, yet gentle enough for use around people and pets. CleanDurance™ antimicrobial products allow users to safe-guard the home with materials that stray far and away from today's standard, chemical-heavy and toxic counterparts by carrying the lowest toxicity ratings available and pose minimal risk to the environment. CleanDurance™ protectants have been specially created for use on skin, fabrics, and surfaces, including food contact surfaces. The products are easy to use and leave no residue while remaining active and in place for hours, days or even weeks.

Healthcare



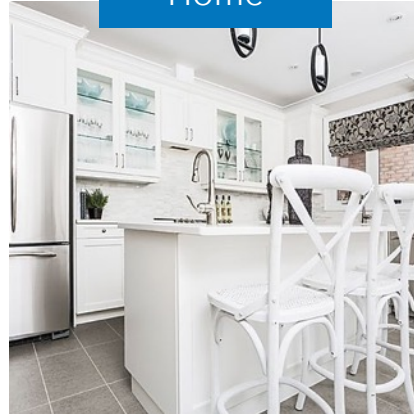
Schools



Hospitality



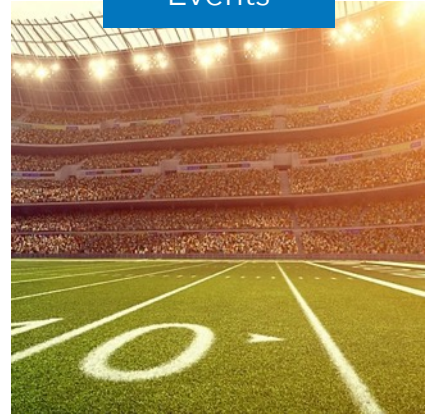
Home



Public Spaces



Events



# CleanDurance™ Effective Against

## CONTROLLED VIRUSES

- Adenovirus Type II
- Adenovirus Type IV
- Avian Influenza H5N1
- Bovine Adenovirus Type I
- Bovine Adenovirus Type IV
- Feline pneumonitis
- H1N1
- H3N2
- Herpes Simplex Type I
- Herpes Simplex Type II
- HIV B
- HIV-1 (AIDS)
- Influenza A (Japan)
- Influenza A2 (Aichi)
- Influenza A2 (Hong Kong)
- Influenza B
- Parinfluenza (Sendai)
- Poliovirus
- Reovirus Type I
- SARS
- Simian Virus 40
- Vaccinia

## CONTROLLED BACTERIA

- |   |  |   |
|---|--|---|
| <ul style="list-style-type: none"> <li>• Acinetobacter calcoaceticus</li> <li>• Aeromonas hydrophilia</li> <li>• Bacillus cereus</li> <li>• Bacillus subtilis</li> <li>• Bacillus typhimurium</li> <li>• Brucella abortus</li> <li>• Brucella canis</li> <li>• Brucella suis</li> <li>• Burkholderia cepacia</li> <li>• Citrobacter diversus</li> <li>• Citrobacter freundii</li> <li>• Clostridium difficile (non-spore form)</li> <li>• Clostridium perfringens</li> <li>• Corynebacterium bovis</li> <li>• Corynebacterium diphtheriae</li> <li>• Enterobacter aerogenes</li> <li>• Enterobacter agglomerans (I, II)</li> <li>• Enterobacter cloacae</li> <li>• Enterococcus</li> <li>• Enterococcus faecalis</li> </ul> | <ul style="list-style-type: none"> <li>• Escherichia coli</li> <li>• Haemophilus influenzae</li> <li>• Haemophilus suis</li> <li>• Klebs-Löffler bacillus</li> <li>• Klebsiella oxytoca</li> <li>• Klebsiella pneumoniae</li> <li>• Klebsiella terrigena</li> <li>• Lactobacillus acidopholus</li> <li>• Lactobacillus casei</li> <li>• Legionella pneumophila</li> <li>• Leuconostoc lactis</li> <li>• Listeria monocytogenes</li> <li>• Micrococcus species</li> <li>• Micrococcus lutea</li> <li>• Morganella morganii</li> <li>• MRSA, CA-MRSA</li> <li>• Mycobacterium smegmatis</li> <li>• Mycobacterium tuberculosis</li> <li>• Propionibacterium acnes</li> <li>• Proteus mirabilis</li> <li>• Proteus vulgaris</li> </ul> | <ul style="list-style-type: none"> <li>• Pseudomonas aeruginosa</li> <li>• Pseudomonas cepacia</li> <li>• Pseudomonas fluorescens</li> <li>• Salmonella choleraesuis</li> <li>• Salmonella enterica</li> <li>• Salmonella typhi</li> <li>• Salmonella typhimurium</li> <li>• Serratia liquefaciens</li> <li>• Serratia marcescens</li> <li>• Stachybotrys chartarum</li> <li>• Staphylococcus aureus</li> <li>• Staphylococcus epidermidis</li> <li>• Streptococcus faecalis</li> <li>• Streptococcus mutans</li> <li>• Streptococcus pneumonia</li> <li>• Streptococcus pyrogenes</li> <li>• Vancomycin-resistant enterococci</li> <li>• Xanthomonas campestris</li> </ul> |
|---|--|---|

## CONTROLLED FUNGI

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Alternaria alternata</li> <li>• Aspergillus flavus</li> <li>• Aspergillus fumigatus</li> <li>• Aspergillus niger</li> <li>• Aspergillus terreus</li> <li>• Aspergillus versicolor</li> <li>• Aureobasidium pullulans</li> <li>• Bipolaris australiensis</li> <li>• Candida albicans</li> <li>• Candida parapsilosis</li> <li>• Cephalascus fragans</li> <li>• Chaetomium globosum</li> <li>• Cladosporium herbarum</li> <li>• Clonostachys rosea</li> <li>• Cryptococcus humicola</li> <li>• Cryptococcus laurentii</li> <li>• Dreschlera australiensis</li> <li>• Epidermophyton floccosum</li> <li>• Fusarium nigrum</li> <li>• Fusarium solani</li> <li>• Geotrichum candidum</li> <li>• Gliocladium roseum</li> <li>• Gliomastix cerealis</li> <li>• Iternaris species</li> </ul> | <ul style="list-style-type: none"> <li>• Mariannaea elegans</li> <li>• Microsporium audouinii</li> <li>• Monilia grisea</li> <li>• Mucor sp.</li> <li>• Oospora lactis</li> <li>• Penicillium albicans</li> <li>• Penicillium chrysogenum</li> <li>• Penicillium citrinum</li> <li>• Penicillium elegans</li> <li>• Penicillium funiculosum</li> <li>• Penicillium humicola</li> <li>• Penicillium notatum</li> <li>• Penicillium variabile</li> <li>• Pullularia pullulans</li> <li>• Rhizopus nigricans</li> <li>• Ricoderm species</li> <li>• Stachybotrysatra</li> <li>• Saccharomyces cerevisiae</li> <li>• Trichoderma flavus</li> <li>• Trichosporon mucoides</li> <li>• Trichophyton interdigitale</li> <li>• Trichophyton mentagrophytes</li> </ul> |
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\*CleanDurance™ product line contains multiple formulations achieving varying levels of success across different pathogens





# CLEANDURANCE™

## SURFACE PROTECTANT

### Overview

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CleanDurance™ Surface Protectant forms an antimicrobial barrier on porous and non-porous surfaces preventing illness-causing germs from colonizing for up to 30 days. And unlike traditional disinfecting products, CleanDurance™ Surface Protectant contains no harmful chemicals, alcohol or bleach.

**EPA Registered Device**



UP TO  30 DAY  
SURFACE PROTECTANT

- ✓ NON-FLAMMABLE
- ✓ DYE FREE
- ✓ FRAGRANCE FREE
- ✓ ALCOHOL FREE

CleanDurance™ Surface Protectant can be applied with any type of sprayer. For larger areas, and optimal coverage, an electrostatic sprayer is advised. A handheld sprayer is perfect for household or smaller jobs.



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2,500  
sq. ft.

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## CleanDurance™ Surface Protectant Key Properties

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- Safe on all Interior & Exterior Surfaces Not Harmed by Water
- Forms Antimicrobial Barrier on Surfaces
- Prevents Illness-Causing Germs from Colonizing
- Keeps Hard Surfaces Protected for Up to 30 Days
- Non-Flammable, Alcohol Free
- Dye Free & Fragrance Free
- Non-Toxic, Safe for Use Around Children & Pets

\*Area of coverage can be increased based on capabilities of spray gun settings







# CLEANDURANCE™

ALCOHOL FREE  
HAND SANITIZER

## Overview

CleanDurance™ Alcohol Free Hand Sanitizer kills 99.99% of illness-causing germs on contact. It outperforms alcohol-based sanitizers by persisting on skin for up to four hours; guarding against future exposure. And because it's alcohol free, it won't cause dry hands, stinging or cracking.

**FDA Registered**



 **4-HR**  
HAND SANITIZER

- ✓ NON-FLAMMABLE
- ✓ DYE FREE
- ✓ FRAGRANCE FREE
- ✓ ALCOHOL FREE





# CleanDurance™ Alcohol Free Hand Sanitizer Key Properties

- Tackles Germs on 2 Fronts:
  - Instantly Kills 99.99% of Illness Causing Germs on Contact
  - Lasting Protection by Persisting on Skin for Up to 4 Hours
- Alcohol Free Foaming Formula
- Moisture-Infused Foam Won't Cause Dry Hands or Cracking
- Non-Flammable
- Dye Free & Fragrance Free
- Non-Toxic, Safe for Children



CleanDurance™ Alcohol Free Hand Sanitizer outperforms alcohol-based hand sanitizer by persisting on skin; giving long lasting protection.



Right Hand

Left Hand

Coated with CleanDurance™ Alcohol Free Hand Sanitizer

Coated with Alcohol-based Hand Sanitizer





# CLEANDURANCE™

## ALCOHOL FREE HAND SANITIZER

- Alcohol free
- Prevents biofilm formation
- Utilizes "Mechanical Kill" AND "Chemical Kill"
- Relies on surface properties rather than chemo-toxicity for effect
- Creates antimicrobial cover on skin
- Neutralizes potential for super-bugs to evolve
- Destroys germs while increasing hand health
- Nano-crystalline structures form which penetrates the cellular membrane of microbes
- No sting on minor cuts or abrasions
- Antiseptic: Can be applied to wounds
- Odorless
- Easy to use
- Destroys on contact
- Proven effective against the most common germs and bacteria
- Advanced formula
- Leaves hands feeling soft

CleanDurance™  
Alcohol Free Hand  
Sanitizer

Purell® Advanced  
Hand Sanitizer

Germ-X® Hand  
Sanitizer

✓	✗	✗
✓	✗	✗
✓	✗	✗
✓	✗	✗
✓	✗	✗
✓	✗	✗
✓	✗	✗
✓	✗	✗
✓	✗	✗
✓	✗	✗
✓	✗	✗
✓	✓	✓
✓	✓	✓
✓	✓	✓
✓	✓	✓
✓	✓	✓

# CleanDurance™ vs. Others



# CLEANDURANCE™

## SURFACE PROTECTANT

- Protection Time
- Alcohol Free
- Uses "Mechanical Kill" vs "Chemical Kill"
- Eco-friendly
- Odorless
- Relies on surface properties rather than chemo-toxicity
- Neutralizes potential for super-bugs to evolve

CleanDurance™  
Surface Protectant

Pledge® Multi  
Surface Cleaner

P&G - Microban®  
Sanitizing Spray

Up to 30 Days	10 Minutes	24 Hours
✓	✗	✓
✓	✗	✗
✓	✓	✗
✓	✗	✗
✓	✗	✗
✓	✗	✗



# Operations & Laboratory Capabilities



- FDA & EPA Registered Facilities, with cGMP Manufacturing Processes
- Multiple Blend Vessels Ranging from 600 Gallon Micro-Blends to 20,000+ Gallon Large Blends



- Quality Assurance & Quality Control Measures in Place to Test Raw Materials & Finished Goods in Accordance to cGMP Practices
- World-Class Surface-Active Chemistry Knowledge to Study the Absorption & Surface Interactions, Understanding How Disinfectants Behave on Various Surfaces & Substrates





# CLEAN DURANCE™

Providing Long Term Protection Against  
Viruses, Bacteria and Fungi

## FDA Registered

U.S. Food and Drug Administration  
(FDA) NATIONAL DRUG CODES:

77042-110-02  
77042-110-16  
77042-110-01  
77042-111-55  
77042-111-30  
77042-111-10

## EPA Registered Device

U.S. ENVIRONMENTAL PROTECTION AGENCY  
(EPA)

EPA EST. NO.  
95286-OK-1

