

HOSPITAL DISINFECTANT

EPA REGISTERED

Field Tested For Use On:



Hospitals
Health Care
Facilities

Labratories/ Classrooms



ONE PRODUCT. A MULTITUDE OF USES

SmartTouch Disinfectant is an EPA registered hospital grade cleaner. Utilizing a unique chemical formulation that includes natural elements, SmartTouch Disinfectant spreads and penetrates both hard and porous surfaces. Ready to use (No Mixing Required), it has been field tested and shown to eliminate a broad range of viruses and bacteria including superbugs like MRSA and H1N1. With no harmful byproducts, just spray, wipe or fog directly from the bottle. It is non-irritating to the skin and non-corrosive to surfaces.

EPA Registered Hospital Disinfectant

Proven to kill a wide range of viruses and bacteria SmartTouch Sanitizing Disinfectant won't contribute to the formation of mutating "super bugs" and does not contain volatile organic compounds (VOC's).

Prood Contact Sanitizer-No Rinse Required NSF Registered (D2) Sanitizer

99.999% Sanitization on food contact surfaces. SmartTouch Sanitizing Disinfectant is odorless and won't alter the taste of food on sanitized surfaces. SmartTouch kills 99.999% of bacteria including eColi, Salmonella and Listeria in less than 60 seconds.

Mold & Mildew Killer

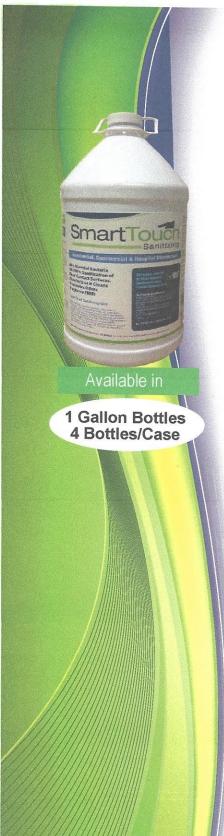
Kills Mold and Mold spores. Safe on a wide range of surfaces, marble to carpeting and beyond.

Allergen Eliminator

Proven effective on pet dander as well as dustmite and cockroach allergens. Can be used directly on pet bedding & sleeping areas.

Odor Eliminator

End malodors caused by bacteria, rotting trash, sewer systems, urine & more. SmartTouch Sanitizing Disinfectant contains no masking agents or fragrances and is highly effective at destroying urine & fecal odors.



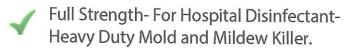


HOSPITAL DISINFECTANT

EXCEPTIONAL PERFORMANCE

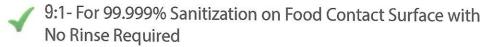
Economical & Easy to Dilute

SmartTouch Disinfectant has 3 dilution ratios:



5:1 - For Carpet and fabric Sanitation

SmartTouch Disinfectant is compatible with most synthetic carpeting and commercial cleaning machines.



30 Second kill time on E. Coli & Staphylococcus Aureus. Great for daily use

SAFE, EFFECTIVE & LONG-LASTING

- NSF rated (D-2) No Rinse Required on Food Contact Surfaces at full strength.
- Hypo allergenic Allergen reducing formula.
- pH balanced at 7.5
- · Non-irritating to skin no glove required.
- Shelf Stable- Over One year Shelf Life

- No Special Shipping/Handling Instructions.
- · No offensive odor.
- Non-Corrosive safe on treated articles like carpeting, fabrics, natural stones, plastics.

E.P.A. Registered

Distributed by:



Hospital Disinfectant - Sanitizer - Cleaner

Testing Summary

Disinfection	Use Method	Contact Time	Study Conclusion			
Gram Negative Bacteria						
Acinetobacterbaumannii ATCC 19606	AOAC Use-Dilution	10 min.	Disinfection			
Pseudomonas Aeruginosa ATCC 15442	AOAC Use-Dilution	10 min.	Disinfection			
Legionella Pneumophila ATCC 33153	AOAC Use-Dilution	10 min.	Disinfection			
Salmonella enterica ATCC 10708	AOAC Use-Dilution	10 min.	Disinfection			
Klebsiellapneumoniae (NDM-1) ATCC BAA-2146	AOAC Use-Dilution	10 min.	Disinfection			
Escherichia Coli ATCC 11229	AOAC Use-Dilution	10 min.	Disinfection			
Bordetella bronchiseptica ATCC 10580	AOAC Use-Dilution	10 min.	Disinfection			
Gram Positive Bacteria						
Staphylococcus aureus MRSA ATCC 33592	AOAC Use-Dilution	10 min.	Disinfection			
Staphylococcus aureus ATCC 6538	AOAC Use-Dilution	10 min.	Disinfection			
Listeria monocytogenes ATCC 15313	AOAC Use-Dilution	10 min.	Disinfection			
Myobacterium bovis-BĆG Surrogate for TB	AOAC Use-Dilution	10 min.	Disinfection			
Enveloped Viruses	Use Method	Contact Time	Study Conclusion			
Swine Influenza (H1N1) Virus	Virucidal Efficacy	5 min.	Complete inactivation			
Respiratory Syncytial Virus	Virucidal Efficacy	5 min.	Complete inactivation			
Influenza B Virus	Virucidal Efficacy	5 min.	Complete inactivation			
Hepatitis A Virus	Virucidal Efficacy	5 min.	Complete inactivation			
Hepatitis B Virus	Virucidal Efficacy	5 min.	Complete inactivation			
Hepatitis C Virus	Virucidal Efficacy	5 min.	Complete inactivation			
Human Immunodeficiency Virus (HIV Type 1)	Virucidal Efficacy	5 min.	Complete inactivation			

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Hantavirus (Prospect Hill Virus) University of Ontario	Virucidal Efficacy	5 min.	Complete inactivation
Canine Distemper Virus, Strain Snyder Hill, ATCC VR	Virucidal Efficacy	5 min.	Complete inactivation
Non-Enveloped Viruses	Use Method	Contact Time	Study Conclusion
Rotavirus	Virucidal Efficacy	5 min.	Complete inactivation
Norovirus Feline Calicivirus	Virucidal Efficacy	5 min.	Complete inactivation
Aurine Norovirus (MNV-1)	Virucidal Efficacy	5 min.	Complete inactivation
denovirus 1, Strain Adenoid 71, ATCC VR-1	Virucidal Efficacy	10 min.	Complete inactivation
Canine Parvovirus, Strain Cornell-780916, ATCC VR-2016	Virucidal Efficacy	10 min.	Complete inactivation
Food Contact Sanitizer Dilution Rate: 9:1	Use Method	Contact Time	Study Conclusion
Escherichia Coli ATCC 11229	AOAC Food Contact Sanitization	30 sec.	99.999 Kill (no rinse required
Staphylococcus aureus ATCC 33592	AOAC Food Contact Sanitization	30 sec.	99.999 Kill (no rinse required
Carpet Sanitizer Dilution Rate: 5:1	Use Method	Contact Time	Study Conclusion
Staphylococcus aureus ATCC 6538	DIS/TSS-8 Carpet Sanitizer	10 min.	99.9 Carpet Sanitizer
Enterbacter aerogenes ATCC 13048	DIS/TSS-8 Carpet Sanitizer	10 min.	99.9 Carpet Sanitizer
Soft Surface Sanitizer	Use Method	Contact Time	Study Conclusion
Staphylococcus aureus ATCC 6538	Soft Surface Sanitization	5 min.	Sanitization
Enterbacter aerogenes ATCC 13048	Soft Surface Sanitization	5 min.	Sanitization
Fungi on Surface	Use Method	Contact Time	Study Conclusion
Aspergillus Niger ATCC 6275	Hard Surface Mildew Fungistatic	10 min.	> 4 weeks protection
Stachybotrus Chartarum	Sporicidal Viability	10 min.	No germination of spores
Aspergillus Fumigatus	Sporicidal Viability	10 min.	No germination of spores
Alternaria Alternata	Sporicidal Viability	10 min.	No germination of spores
Penicillum sp	Sporicidal Viability	10 min.	No germination of spores

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Testing Summary

Trichophyton rubrum ATCC MYA	Fungicide	10 min.	No germination of spores
Trichophyton mentagrophytes ATCC 9533	Fungicide	10 min.	No germination of spores





TECHNICAL DATA SHEET

SmartTouch Disinfectant

PRODUCT DESCRIPTION

An EPA registered hospital grade disinfectant. Utilizing a unique chemical formulation that includes natural elements, SmartTouch Disinfectant spreads and penetrates both hard and porous surfaces. Ready to use (No Mixing Required), it has been field tested and shown to eliminate a broad range of viruses and bacteria including superbugs like MRSA and H1N1. With no harmful byproducts, just spray, wipe or fog directly from the bottle. It is non-irritating to the skin and non-corrosive to surfaces.

PRODUCT PROPERTIES

Appearance: Colorless Physical State: Liquid Odor: Mild-Fresh

pH: 8-9

Boiling Point (°F): 212 Solubility in Water: 100% Freezing Point (°F): 32

Vapor Pressure (mm Hg): Not Available Volatile Organic Compounds (VOC): None Evaporation Rate: Less than Ether Specific Gravity: 1.003 @ 68°F (20°C) Density (lb/gal): 8.40 @ 68°F (20°C)

APPLICATION & USE

<u>Areas of Use Include:</u> Homes, vehicles, schools & daycare, gyms & locker rooms, sports gear, hospitals, nursing homes, laundry rooms, veterinary, pharmacies, ambulances, barber shops, laboratories, restaurants, boats, ships, federally inspected meat & poultry processing plants, farms, animal pens and poultry houses, egg processing premises, hatcheries, swine premise sanitation, refrigerated storage units (empty & disconnected), airplanes, trains, trucks, buses & automobiles. Use as a mold & mildewstat on hard non-porous surfaces such as tile, and porous surfaces such as fabric.

Application Instructions:

<u>Pre-Cleaning Instructions:</u> Remove gross filth and heavy soil by cleaning. Spray SmartTouch straight onto soils, scrub and wipe clean with a dry paper towel or cloth. For cleaning odors add one cup SmartTouch per gallon of water in bucket and clean with sponge, mop or pad.

To Disinfect Hard Non-porous Surfaces: For disinfecting pre-cleaned hard non-porous surfaces such as glass, plastic, painted wood, laminate, chrome, stainless steel, polyurethane coated hardwood floors, glazed ceramic tile, sealed concrete & linoleum floors. Types of items include: Exterior of appliances, bed frames, cabinet handles, wheelchairs, child car seats, counters, cribs, doorknobs, tables, tubs, exterior toilet surfaces, faucet handles, handrails, jungle gyms, keyboards, light switch covers, patio furniture, showers, sinks, stovetops, telephones, toys, walls, waste containers. Apply product undiluted full strength to pre-cleaned hard non-porous surfaces, wetting thoroughly with spray, sponge, mop, or by immersion in solution. Allow surfaces to remain wet for 5 minutes for virus inactivation — 10 minutes for bacteria disinfection. For immersion, replace solution daily, or more frequently if it becomes significantly soiled or diluted Fogging and Misting: product can be applied by fogging or misting to disinfect hard, nonporous surfaces. Apply by fogging or misting until surface is moist using equipment manufacturer's directions for use. Remove or carefully protect all food and food packaging materials prior to treatment. Vacate treatment area and do not reenter treated area until air

is clear (minimum 20 minutes to reentry). For disinfection by ULV misting machine application, see the product Supplemental Bulletin specific for equipment to be used.

Fogging and Misting: SmartTouch can be applied by fogging or misting to disinfect hard, nonporous surfaces as an adjunct to regular manual cleaning and disinfecting. SmartTouch is recommended for use in fogging operations as a supplemental measure either before or after regular cleaning and disinfecting procedures. Apply by fogging or misting until surface is moist using equipment manufacturers directions for use. Remove or carefully protect all food and food packaging materials prior to treatment. Vacate treatment area and do not reenter treated area until air is clear (minimum 20 minutes to reentry).

To Prevent Mold or Mildew on Floors, Walls, Ceilings & Fabric: Remove as much surface dirt, mold, or mildew as possible by cleaning. Then spray on SmartTouch from a distance of 12 inches until visibly wet and let air dry.

<u>To Deodorize</u>: SmartTouch works by oxidation, not by masking of odors. When fogging apply 1 quart per 2000 cubic ft. following fogger manufacturer's directions for use. SmartTouch must come into contact with the cause of the odor to be effective. For pet urine stains in carpet, blot urine as dry as possible then saturate stain with SmartTouch through carpet pad.

To Sanitize Food Contact Surfaces: Staphylococcus aureus (ATCC 6538) and Escherichia coli (ATCC11229) 99.999% sanitization of food contact surfaces. Mix 1 part SmartTouch to 9 parts tap water. For glassware, utensils, cookware, and dishware: Scrape and pre-wash, then wash with a good detergent. Rinse with potable water, then sanitize by immersion in SmartTouch for 1 minute (or longer if specified by government sanitary code) Place on a rack or drain board to air dry. Do not rinse or wipe. Food Contact Immobile Surfaces: (food processing equipment, countertops, tables, appliances) Remove all gross food particles and soil by cleaning and rinse with potable water. Apply SmartTouch by wetting thoroughly and

To Sanitize Carpet: For synthetic carpet fibers such nylon, olen, or polypropylene – not intended for use on wool carpets. Test for color fastness in an inconspicuous area. Carpet should be clean or free of excessive soil before applying. Mix 1 part SmartTouch to 5 parts water. Or use full strength. Apply at a rate of 2.5 oz per. sq. ft. SmartTouch must come into contact with contaminate to work. Allow to dwell for 10 minutes. Do not rinse, use an extraction wand and dry stroke carpet to remove excess moisture. Carpet can air dry or fans may be used if carpet needs to dry faster.

HEALTH & SAFETY

Refer to Safety Data Sheet (SDS) for full Health and Safety Details.

HANDLING & STORAGE

<u>Handling:</u> Keep away from heat and strong acids. Do not ingest. Keep container closed. Use only with adequate ventilation.

Storage: Keep container tightly closed and sealed until ready for use. Keep container in a well-ventilated place. Do not store above 120°F or near fire of open flame. Store large quantities in buildings to comply with OSHA 1910.106. Do not transfer contents to bottles or other unlabeled containers. Do not reuse empty containers. Keep out of reach of children.

Incompatible materials: Strong acids Special Packaging Materials: None

DISPOSAL INSTRUCTIONS

<u>Container Disposal:</u> Rinse and offer empty container for recycling. If recycling is not available discard container in trash. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Discard excess or used SmartTouch solution in drain with running water.

<u>Waste Disposal:</u> Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations.