

SmartTouch[®]

HOSPITAL DISINFECTANT

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

Field Tested
For Use On:



- Hospitals
- Health Care Facilities

- Laboratories
- Classrooms



- Restaurants
- Cafeterias
- Cruise Ships
- Institutions
- Offices



1

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).

2

Food 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.

3

Mold & Mildew Killer

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

4

Allergen Eliminator

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

5

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.

SmartTouch[®] Sanitizing HOSPITAL DISINFECTANT



Available in

1 Gallon Bottles
4 Bottles/Case

EXCEPTIONAL PERFORMANCE

Economical & Easy to Dilute

SmartTouch Disinfectant has 3 dilution ratios:

- ✓ Full Strength- For Hospital Disinfectant- Heavy Duty Mold and Mildew Killer.
- 5:1 - For Carpet and fabric Sanitation
- ✓ SmartTouch Disinfectant is compatible with most synthetic carpeting and commercial cleaning machines.
- ✓ 9:1- For 99.999% Sanitization on Food Contact Surface with No Rinse Required

**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.
- No Special Shipping/Handling Instructions.
- Hypo allergenic - Allergen reducing formula.
- No offensive odor.
- pH balanced at 7.5
- Non-Corrosive safe on treated articles like carpeting, fabrics, natural stones, plastics.
- Non-irritating to skin no glove required.
- Shelf Stable- Over One year Shelf Life

E.P.A. Registered

Distributed by:

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- BCG 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

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	
Murine Norovirus (MNV-1)	Virucidal Efficacy	5 min.	Complete inactivation	
Adenovirus 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	

SmartTouch

Hospital Disinfectant - Sanitizer - Cleaner

Testing Summary

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

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

Areas of Use Include: 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:

Pre-Cleaning Instructions: 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.

To Deodorize: 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

Handling: 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 or 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

Container Disposal: 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.

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