



PREVENT X
24/7

PRODUCT OVERVIEW



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Introducing the best protection and defense against bacteria and viruses between routine disinfecting.

Independent studies have shown PreventX 24/7™ to be effective against Salmonella, E-coli, Listeria, Noro Virus and a wide range of bacterial and viral contaminants.



PROTECTIVE BARRIER

Protective barrier reduces cross contamination on high touch and at risk surfaces.



ENVIRONMENTALLY FRIENDLY

Microscopic “needles” puncture organisms **using a physical kill not a chemical kill (no poison).**



PREVENTS MOLD & MILDEW

Bio-film cannot exist on a PreventX 24/7™ treated surface therefore, mold and mildew cannot thrive.



LONG LASTING

Provides a protective surface that is not destroyed by normal daily cleaning. Depending on use or treated surface, application lasts **30 to 90** days.



REDUCES ATP SCORES

One single treatment of PreventX 24/7™ potentially reduces the bacteria load of a facility nearly **83 %**

PreventX 24/7™ Durable Antimicrobial Finish

Typical disinfectants kill viruses and bacteria within 10 minutes, but once the product dries, there's no further protection. The cleaned surface is now ready to be recontaminated. Imagine someone wiping and disinfecting a surface every time new microbes contaminate it. PreventX 24/7™ protects surfaces for 30 plus days with one simple monthly application!

PreventX 24/7™ is not a replacement for existing disinfecting protocols, but serves as a second level of defense against germs, odors, mold, and mildew. Our unique coating technology contains an EPA approved bacteriostatic as it kills without poison and will not leach off treated surfaces or create super bugs. The invisible coating reduces corporate liability, makes future cleanings easier, plus eliminate odor causing bacteria, mold, and mildew found in carpets, trash cans, bathrooms, and showers. We're even approved for fabrics!

Regarding Efficacy and Use of PreventX 24/7 in Prevention of Corona Virus COVID-19 on Textile and Hard Surfaces

The CoronaVirus has been making headlines in both the national and international news, and JennsCo has been fielding calls regarding PreventX 24/7 and its use to protect surfaces in stricken areas. The first and foremost thing to remember about PreventX 24/7 is that by treating a surface, we are in no way making a health claim that someone will not get Corona, or that we can cure anybody from Corona by treating their surroundings. It is also important to remember that PreventX 24/7 contains an EPA registered bacteriostatic, meaning that it protects surfaces from contamination after it has been applied, and not as a biocidal agent that kills viruses on contact.

Most companies registering biostatic agents never consider viruses in their application process, as viruses are not biologically active on a surface for long periods, usually minutes to hours; and they do not grow on their own, they need a host cell to replicate. This being said, Silane Quaternary Ammonium Chlorides like PreventX 24/7 have been shown to be both biocidal to viruses on contact, and biostatic to viruses when applied to a surface first and then contaminated with a viral loading.

There are a few facts that will help in the information process when discussing PreventX 24/7 to potential clients that are concerned about Corona COVID-19.

First, there is no product in the United States that is registered with the EPA as being effective on Corona Virus. The EPA and CDC are basing efficacy against COVID-19 by stating that a product should be able to kill the Corona virus if it is effective against enveloped viruses. They also go a step further by saying that a product that is effective against non-enveloped viruses is preferred, as the non-enveloped viruses are harder to kill than enveloped viruses. PreventX 24/7 has been shown to be effective against both enveloped and non-enveloped viruses.

Second, bleach has been the go to product for disinfecting hard, non porous surfaces. The CDC in the United States has recommended the use of bleach because it is effective on both enveloped and nonenveloped viruses and it is readily available and inexpensive. The downsides of bleach are that it is corrosive on certain surfaces, it will discolor some surfaces, its lifespan in concentrate deteriorates over time and when mixed in a ready to use format its lifespan is much shorter. The main downside of course in relation to our product is that bleach is only effective on a surface as a biocidal agent for a matter of a few seconds. Then it loses its power to disinfect. It has no residual properties. The benefit of our PreventX 24/7 product is that when used after a bleach application, (or after other approved disinfectants), the surface will stay protected from microbes,

EFFICACY AND USE STUDY

including the Corona virus. It is important to note that we are not trying to distinguish ourselves as an alternative to bleach or other disinfectants. Based on its price and need for constant use in some areas, bleach is certainly a good application. But there are many areas that could also be treated with PreventX 24/7 to protect those surfaces either in- between bleach or other approved disinfectant applications, or in place of those applications.

Third, the biggest observation we have in selling PreventX 24/7 is that there is no viral claim directly on the label from the EPA. This goes along with the points of item one. As far as we have seen in the research, there is no product on the marketplace that has long term preventative viral claims. But, the CDC, the ECDC

(European CDC), Doctors Without Borders (MSF), the W.H.O., and several other organizations have all said that bleach alone is not working, and have called for novel approaches to help reduce the risk of transmission, both from people and from surfaces. The United States EPA, the FDA, and the CDC allow for emergency use of products when a public health emergency is occurring. The most cited documentation we should be using is EPA Chapter 18 of Pesticide Registrations, which deals directly with this issue. Individual states also allow for the emergency use of a pesticide in matters of public health, even if the use is not stated on the Federal EPA registration.

ATTACHED IN THIS FILE IS ALSO WHITE PAPERS AND JOURNAL ARTICLES THAT BACK UP CLAIMS OF PreventX 24/7's EFFICACY AGAINST VIRUSES, INCLUDING COMMON SURROGATES USED AS SIMILAR VIRUSES STRUCTURED LIKE EBOLA.

March 23, 2020

Third Party European Lab Validation

JennsCo, LLC is pleased to announce that it has today received a notification of laboratory tests undertaken against COVID-19 surrogate. The results show that active ingredients within our PreventX 24/7 are >99.99% effective against COVID-19 surrogate.

COVID-19 has become a global pandemic. Significantly, it has been shown to survive on surfaces for up to 9 days. PreventX formulations have been successfully tested against a variety of pathogens for up to 30+ days on surfaces and shown persistent protection on hands.

PreventX 24/7 active ingredients had been *previously tested* against bovine coronavirus (the nominated surrogate for MERS), this latest strain required new testing.

Two separate tests were completed to EN Standard 14476:2013+A2:2019. The first was against Vaccinia; sometimes referred to as the 'mothership' of double enveloped viruses (that are particularly hard to inactivate), with the subsequent test against the nominated (and globally accepted) surrogate for COVID-19; feline coronavirus.

EN14476 is the European Standard that applies to products within the medical area including hygienic hand rubs, hygienic hand wash, instrument disinfection by immersion, surface disinfection by wiping, spraying, flooding or other means.

RESULTS:

The test against Vaccinia confirmed efficacy of >4Log (greater than 99.99% efficacy) for the active ingredient within PreventX 24/7.

The second test against the COVID-19 surrogate, feline coronavirus, confirmed efficacy at 4.33Log (greater than 99.99% efficacy).

Members of the family Coronaviridae are enveloped and have positive sense RNA genome. Coronaviruses have a distinct morphology with an outer 'corona' of embedded enveloped spikes. These viruses cause a broad spectrum of animal and human disease and are particularly difficult to inactivate.

JennsCo LLC is very pleased with the results which further demonstrates the ability of PreventX 24/7 to be part of the solution to prevent and protect surfaces against the spread of the COVID-19 Virus.

Certificate of Analysis

Project: Food Borne Organisms

Project Number: Developmental

Description	Microbiological Analysis ¹				Chemical Analysis ²	Pass/Fail**
Samples treated with AEM5772	Percent Reduction Per Test Organism ³				Percent Extraction	
NAMSA Test Laboratory, Kennesaw, GA.						
	A	B	C	D		
Untreated	0	0	0	0	0%	Fail
Treated	99.9	99.9	99.9	99.8	86%	Pass

Red indicates highest level observed

1 ASTM E2149-01 "Dynamic Shake Flask"

1g sample
 50 ml 0.3 mM KH₂PO₄
 1x10⁵ bacteria / ml
 0.01% Q2-5211 wetting agent

³

A: *Escherichia coli* ATCC 8739
 B: *Staphylococcus aureus* ATCC 6538
 C: *Listeria monocytogenes* ATCC 7645
 D: *Salmonella choleraesuis* ATCC 10708

2 Antimicrobial Barrier BPB Extraction (EXT):

1.0g sample weight
 0.001% BPB dH₂O solution
 20 minute exposure
 595nm Absorbance
 0.01% Q2-5211 Wetting Agent

This project has been reviewed and approved by:

Robert A. Monticello, Ph.D.
 Laboratory Director
 AEGIS Laboratory Services

**Pass/Fail based on Quality Control Standards and criteria for the AEGIS Microbe Shield Program

Certificate of Analysis

Antimicrobial Barrier

Test Method: ASTM E2149-01

Tested Against: Methicillin Resistant *Staphylococcus aureus* (MRSA)

This antibacterial test was performed to demonstrate the effectiveness of the Antimicrobial Barrier technology against **Methicillin Resistant *Staphylococcus aureus* (MRSA)** strain. Test Methods conform to **ASTM E2149-01** guidelines (Standard Test Method for Determining the Antimicrobial Activity of Immobilized Antimicrobial Agents Under Dynamic Contact Conditions). Specific details of testing and materials are listed below in the table.

These data indicate that the fabric tested, commercially treated with the **Antimicrobial Barrier Technology** (AEM5772/5), reduces the total population of MRSA bacteria >99.99%. Untreated fabric samples tested in parallel demonstrated no effectiveness at reducing the total MRSA population. These results indicate the antimicrobial effectiveness of the sample treated with the **Antimicrobial Technology** against the resistant bacteria MRSA.

	MICROBIOLOGICAL ANALYSIS		
	Initial Concentration	Final Concentration	Percent Reduction
Untreated fabric sample	1.52 x 10 ⁵ / ml	1.6 x 10 ⁵ / ml	0%
Treated fabric sample	1.52 x 10 ⁵ / ml	< 1.0 x 10 ¹ / ml	>99.99%
Inoculum control	1.52 x 10 ⁵ / ml	1.55 x 10 ⁵ / ml	0%

ASTM E2149-01	
Standard Test Method for Determining the Antimicrobial Activity of Immobilized Antimicrobial Agents Under Dynamic Contact Conditions.	
Total Contact Time:	1 hour
Total Volume:	50 ml 0.3 mM KH ₂ PO ₄ + 0.01% Q2-5211
Bacterial Strain:	Clinical Isolate Methicillin Resistant <i>Staphylococcus aureus</i> (MRSA)
Description of Sample Tested:	1g each fabric commercially treated and untreated with AEM5772/5

Certified by: Robert A. Monticello, Ph.D.
 Robert A. Monticello, Ph.D.

For questions or additional information regarding this Certificate of Analysis, please contact us.

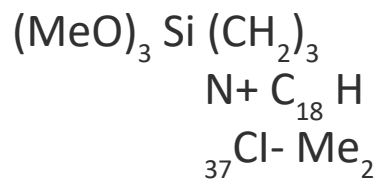
JennsCo, LLC

Phone: 615-496-7313 www.jennsco.com or www.preventx247.com

PREVENTX 24/7 ANTIMICROBIAL VS “WATER BASED” QUAT SILANE KNOCK-OFFS

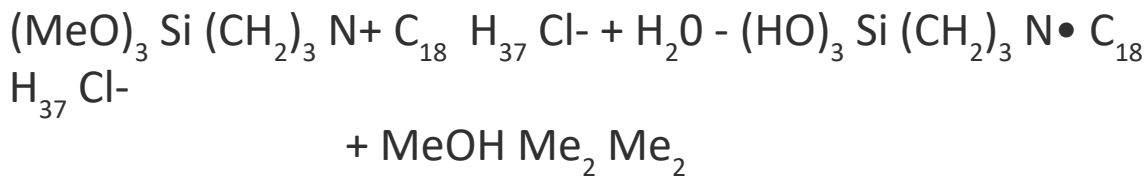
In the late 1990’s and early 2000’s, an effort was made to create a product that could compete with the efficacy of **PreventX Antimicrobial**. Several attempts were made, and a formula was discovered that simplified the production by removing the required methanol. Over the years several companies have tried to compete in the marketplace by advertising this methanol free version of the quaternary silane, but most often quickly fail when they discover that the efficacy of the product fails to meet objective of providing a stable product to clients, that has long term residual effect on a surface.

The long term chemical stability of **PreventX’s** active antimicrobial, 3- (trimethoxysilyl) propyldimethyloctadecyl ammonium chloride, is due to the initial manufacturing of the molecule in methanol. The chemical structure of the active antimicrobial molecule is:



This product when placed in water, quickly reacts to form a highly reactive intermediate as shown below:

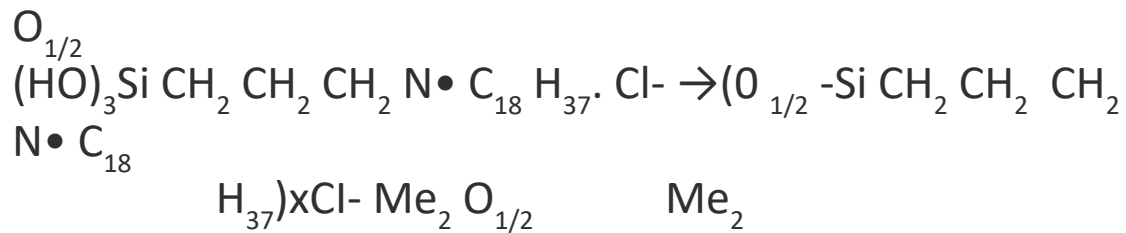
Hydrolysis



As long as the methanol content is present, an equilibrium remains in place delaying the start of bonding to itself or other reaction sites. After contact with a substrate the following reaction, in which the antimicrobial forms a permanent covalent bond with itself and/or available reaction sites on the substrate becomes dominant. The reaction is driven by drying.

PREVENTX 24/7 ANTIMICROBIAL VS “WATER BASED” QUAT SILANE KNOCK-OFFS

Condensation



The initial association to the substrate is probably made through the attraction of the positively charged cation to surfaces that exhibit a negative character in the aqueous media.

When the active antimicrobial is made from an aqueous phase (water based) formula rather than methanol, there is immediate self-polymerization from the monomer to a long chain polymer of the active antimicrobial, resulting in fewer reaction sites both to bond and attack microbes. This means that there is less activity of the formula, as it has begun to bond to itself. Over a short amount of time all of the active material will polymerize to itself. The three bonds of the methanol formula occur over a time, from immediately (once dried) for the first site and up to 29 days for the final bonding. During this time a rotation is occurring (the positively charged Nitrogen atoms and the octadecyl chains are constantly rotating in space) that allows for a uniform layer of antimicrobial protection. Again, the water based product will not have this needed rotation. On direct contact with a microorganism the technology works by disrupting (or rupturing) the cell membrane. This interrupts the normal life processes and destroys the cell. Two forces cause the interruption: the quaternized Nitrogen acts as an electrocuting charge and the 18 carbon link chain acts as a sword. This structure is ideal for taking advantage of the anionic nature and the lipoprotein composition of microbial

membranes. Since this antimicrobial acts only on the membrane and does not lose strength over time, it does not create the conditions which allow microorganisms to adapt to its presence or develop resistance.

AMAZING ATP TEST RESULTS UTILIZING PREVENTX 24/7 ANTIMICROBIAL COATING

Adenosine Triphosphate (**ATP**) is present in all organic material and is the universal unit of energy used in all living cells.

ATP monitoring is a rapid testing method used by food and beverage processors and medical facilities to quickly assess the cleanliness of a surface.

The **ATP test** is a process of rapidly measuring actively growing microorganisms through detection of *adenosine triphosphate* or **ATP**.

An Outpatient Medical Facility underwent a 6-week *study with over 40 specific touch points treated ONE TIME with **PreventX 24/7** and others untreated.

- The average 6-week ATP scores of untreated surfaces was 170.
- The average 6-week ATP scores of PreventX 24/7 treated surfaces was 29.
- This represents an amazing ATP score reduction (reduced bacteria load) of 83%.

In summary, **one single treatment of PreventX 24/7** was capable of potentially reducing the bacteria load of this facility nearly 600%!

** Study available upon request.*

FREQUENTLY ASKED QUESTIONS

What surfaces can PreventX 24/7 be applied?

PreventX 24/7 can be used as a final bacteriostatic finish on multiple surfaces such as door knobs and handles, gloves, cabinetry, and surfaces subject to odor producing bacteria, mold, mildew, and algae; showers, counter tops, fixtures, grout/tile, carpets, equipment, walls, etc.

How does the PreventX 24/7 technology work?

The active ingredient in **PreventX 24/7** forms a colorless, odorless, positively charged polymer that molecularly bonds to the treated surface. You could think of it as a layer of electrically charged swords. When a microorganism comes in contact with the treated surface, the C-18 molecular sword punctures the cell membrane and the electrical charge shocks the cell. Since nothing is transferred to the now dead cell, the antimicrobial doesn't lose strength and the sword is ready for the next cell to contact it.

What is the purpose of the silane portion of the molecule?

Silanes are extremely efficient bonding agents that can be coupled to other molecules and then used to permanently bond those molecules to a target surface.

Our antimicrobial silane modifies virtually any surface and transforms it into a material that will not support microbial growth.

What is the difference between PreventX 24/7 and other antimicrobials?

Conventional products penetrate living cells and kill by way of poisoning the organism or disrupting a vital life process. They are designed to act quickly and dissipate quickly. Most commercial antimicrobials used for treating surfaces do an adequate job of killing bacteria and fungi, although most have a limited range of effectiveness. The **PreventX 24/7** technology takes a totally unique approach. It provides an effective initial microbial kill when applied, but, unlike the conventional methods, it also provides long-term control of growth on treated surfaces, often for the life of that surface. The surface itself is modified to make it antimicrobially active.

Against what types of bacteria is PreventX 24/7 technology effective?

The **PreventX 24/7** technology has a mode of action that involves a positive charge and is effective

FREQUENTLY ASKED QUESTIONS

against all bacteria, plus fungus, algae, and mold. A representative list of microbes and viruses against which the **PreventX 24/7** technology has been tested may be obtained by contacting our corporate office.

Does the biocide use a heavy metal?

No. **PreventX 24/7** does NOT contain any heavy metals. Tin, arsenic, silver and copper are often used in other antimicrobials.

How long does the treatment last?

In most cases, a minimum of 30 days. The life of a treated surface depends on a number of factors, not the least of which is surface preparation. If you treat a dirty or unstable surface, when the dirt comes off or the surface is disturbed, some of the antimicrobial will be removed with it. Abrasive or caustic (pH>10.5) cleaners will also shorten effective life.

Why is PreventX 24/7 so durable?

Because of their exceptional chemical bond (a covalent bond) the bonded polymer is neither soluble nor volatile. The unique bond results in the **PreventX 24/7** polymer becoming an integral part of the substrate.

Is PreventX 24/7 permeable to moisture?

Yes, moisture that is in or on the treated material/surface passes through the treatment. After curing, the treatment is somewhat hydrophobic (water repellent), but it should not be considered to be a replacement for commercial water repellents.

Will its use result in "super bacteria"?

No. Adaptation studies show that microbes do not adapt to **PreventX 24/7** and no 'Zone of Inhibition' develops.

A PARTIAL LIST OF PATHOGENS DESTROYED OR INACTIVATED
By: 3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride

Gram Positive Bacteria

Bacillus sp. (vegetative cell)
Bacillus subtilis
Clostridium difficile
Corynebacterium diphtheriae
Enterococcus sp. (incl. VRE)
Listeria monocytogenes
Micrococcus sp.
Mycobacterium tuberculosis
Mycobacterium smegmatis
Propionibacterium acnes
Staphylococcus aureus
Staphylococcus aureus (MRSA)
Staphylococcus epidermidis
Streptococcus faecalis
Streptococcus mutans
Streptococcus pneumoniae
Streptococcus pyogenes

Gram Negative Bacteria

Actinobacter aerogenes
Actinobacter calcoaceticus
Aerobacter aerogenes
Aeromonas hydrophilia
Citrobacter deversus
Citrobacter freundii
Enterobacter aerogenes
Enterobacter agglomerans
Enterobacter cloacae
Enterococcus sp.
coli
Klebsiella oxytoca
Klebsiella pneumoniae
Klebsiella terrigena
Legionella pneumophila
Morganella morganii
Mycobacterium tuberculosis
Proteus mirabilis
Proteus vulgaris

Fungi, Algae, Mold, Yeast, Spores

Alteraria alternate
Aphanizomenon sp.

Aspergillus flares
Aspergillus flavus
Aspergillus niger
Aspergillus sydowii
Aspergillus terreus
Aspergillus versicolor
Aspergillus verrucari

Anabaena cylindrica
Aureobasidium pullans
Candida albicans
Candida pseudotropicalis
Cephalosporium fragans
Chaetomium globosum
Chlorophyta protococcus
Chlorophyta selenastrum
Chlorophyta sp.
Chrysophyta sp.
Chlorella vulgaris
Cladopsorium cladosporioides
Cyanophyta anabaena
Cyanophyta oscillatoria
Cyanophyta (blue-green) sp.
Dreschlera australiensis
Epidermophyton sp.
Gliomastix cerealis Escherichia
Gloeophyllum trabeum
Gonium sp.
Microsporium sp.
Microsporium audouinii
Monilia grisea
Oscillatoria sp.
Penicillium chrysogenum
Penicillium commune
Penicillium funiculosum

Gram Negative Bacteria

Pseudomonas aeruginosa
Pseudomonas fluorescens
Pseudomonas putida
Salmonella cholerae suis
Salmonella typhimurium
Salmonella typhosa
Serratia liquefaciens
Serratia marcescens
Treponema hyodysenteriae
Xanthomonas campestris

Viruses

Adenovirus Type II & IV
Bovine Adenovirus Type I & IV
Feline pneumonitis
Herpes simplex Type I
Herpes simplex Type II
HIV-1
Influenza A2 (Aichi)
Influenza A2 (Asian)
Influenza B
Mumps
Parainfluenza (Sendai)
Rous sarcoma
Reovirus Type I
Simian Virus 40
Vaccinia
MS2
PRD1
Noro Virus

Fungi, Algae, Mold, Yeast, Spores

Penicillium pinophilum
Penicillium variable
Phoma fimeii
Pithomyces chartarum
Poria placenta
Pullularia pullans
Scenedesmus
Saccharomyces cerevisiae
Scoleobasidium humicola
Selenastrum gracile
Selenastrum sp.
Trichoderma viride
Trichophyton interdigital
Trichophyton maidson
Trichophyton mentagrophytes
Trichophyton sp.

Protozoa Parasites

Cryptosporidium parvum

- All testing performed by Independent Laboratory
- Test documents available upon request

Safety Data Sheet

PRODUCT: PreventX 24/7

SDS No: PX247

SECTION 1: GENERAL INFORMATION

COMPANY NAME JennsCo LLC
Address 1047 Luxborough Drive
City, State, Zip Hendersonville, TN 37075

Telephone 615-496-7313
In case of emergency call chemtrec: 1-800-424-9300
Outside of U.S.A.: 001-703-527-3887
Date: 03-01-2020

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the substance or mixture in accordance with 29 CFR 1910.1200 (OSHA HCS/GHS).

Signal Word: **Warning**



GHS - Classification

Eye Damage/Irritation (Category 2B)

Hazard Statement(s)

H320 Causes eye irritation

Precautionary Statement(s)

P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/eye protection/protective clothing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for 15 minutes or more. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical attention
P501 Dispose of contents in container in accordance with local/state/federal/international regulations.

SECTION 3 : COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS#	PERCENTAGE
3-(trihydroxysilyl) propyldimethyloctadecyl ammonium chloride	none	0.67%

EPA REG. NUMBER 83129-1

SPECIFIC CHEMICAL NAME(S) AND CAS NUMBER(S) MAY BE A TRADE SECRET AS ALLOWED BY 29 CFR 1910.1200

SECTION 4 : FIRST AID MEASURES

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION.

SKIN: WASH EXPOSED AREAS WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INGESTION: INDUCE VOMITING BY GIVING 2 GLASSES OF WATER AND PLACE FINGER DOWN THROAT. CALL A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.

SECTION 5 : FIRE FIGHTING MEASURES

FLASH POINT: >200F

EXTINGUISHING METHOD: USE WATER, CARBON DIOXIDE, DRY CHEMICAL OR FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: USE SELF-CONTAINED BREATHING APPARATUS. WEAR FULL PROTECTIVE CLOTHING.

UNUSUAL FIRE FIGHTING PROCEDURES: NONE KNOWN.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

ENVIRONMENTAL PRECAUTIONS: Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system. Advise water authority if spillage has entered water course or drainage system.

METHODS FOR CLEAN UP: Use mechanical handling equipment. Soak up with inert absorbent material(e.g. sand, silica gel, acid binder, universal binder, sawdust)

SPILL: VENTILATE AREA, PERSONS PERFORMING CLEAN-UP SHOULD WEAR ADEQUATE PROTECTION EQUIPMENT. CONTAIN MATERIAL BY DIKING THE AREA AROUND THE SPILL. IF THE PRODUCT IS IN A SOLID FORM, SHOVEL DIRECTLY INTO RECOVERY DRUMS. IF THE PRODUCT IS A LIQUID, IT SHOULD BE PICKED UP USING A SUITABLE ABSORBANT MATERIAL, THEN SHOVELED TO RECOVERY DRUMS. IF THE MATERIAL IS RELEASED INTO THE ENVIRONMENT, THE USER SHOULD DETERMINE WHETHER THE SPILL SHOULD BE REPORTED TO THE APPROPRIATE LOCAL, STATE AND FEDERAL AUTHORITIES.

SECTION 7 : HANDLING AND STORAGE

HANDLING AND STORAGE: MATERIAL SHOULD BE STORED IN ITS OWN CONTAINER AND SHOULD ALWAYS BE KEPT COVERED WHEN NOT IN USE. ALL CONTAINERS SHOULD BE RINSED THOROUGHLY 3 TIMES PRIOR TO DISPOSAL

SECTION 8 : EXPOSURE CONTROLS AND PERSONAL PROTECTION

ROUTES OF EXPOSURE: EYES, SKIN, INGESTION, INHALATION

Safety Data Sheet

PRODUCT: PreventX 24/7

SDS No: PX247

SYMPTOMS OR ACUTE HEALTH HAZARDS

EYES: CAUSES EYE IRRITATION.

SKIN: MAY CAUSE IRRITATION.

INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION.

INHALATION: MAY CAUSE IRRITATION OF NOSE, THROAT AND UPPER RESPIRATORY TRACT.

RESPIRATORY PROTECTION: IF NEEDED, USE A NIOSH APPROVED RESPIRATOR.

VENTILATION: USE SUFFICIENT MECHANICAL(GENERAL)OR LOCAL EXHAUST.

PROTECTIVE EQUIPMENT: GLOVES, APRON, GOGGLES

WORK/ HYGIENIC PRACTICES: AS WITH ALL INDUSTRIAL CHEMICALS, CARE SHOULD BE TAKEN TO AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. HANDS AND UNPROTECTED SKIN SHOULD BE THOROUGHLY WASHED AND CONTAMINATED CLOTHING SHOULD BE CHANGED PRIOR TO ANY DIRECT PERSONAL CONTACT. ALL EXPOSED CLOTHING SHOULD BE LAUNDERED PER NORMAL CARE INSTRUCTIONS BEFORE REUSE

EXPOSURE LIMITS

LIMITS

Octadecylaminodimethyltrimethoxysilylpropylammonium chloride

N.D.

EPA REG. NUMBER 83129-1

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

PH:	4.0-6.0 AS IS	Evaporation Rate:	NO DATA
SOLUBILITY:	SOLUBLE IN WATER	Vapor Pressure:	NO DATA
SPECIFIC GRAVITY:	0.975-1.025	Vapor Density:	NO DATA
APPEARANCE:	CLEAR COLORLESS LIQUID	Auto Ignition Temperature:	NA
Bod:	NO DATA	LEL:	NA
Cod:	NO DATA	UEL:	NA
Odor:	MILD	VOC:	NO DATA
Odor Threshold:	NO DATA	FlashPoint:	>200F
MeltingPoint:	NO DATA	BoilingPoint:	NO DATA

SECTION 10 : STABILITY AND REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

DECOMPOSITION PRODUCTS: CARBON OXIDES

CONDITIONS AND MATERIALS TO AVOID: STRONG OXIDIZING AGENTS

SECTION 11 : TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: NO DATA

Chronic Toxicity: NO DATA

Carcinogenicity: NONE

Target Organ Effects: NO DATA

This product has not yet been tested. The information is derived from the properties of the individual components.

SECTION 12 : ECOLOGICAL INFORMATION

Ecotoxicity: NO DATA

Persistence Degradability: NO DATA

Bioaccumulation: NO DATA

Mobility: NO DATA

This product has not yet been tested. The information is derived from the properties of the individual components.

SECTION 13 : DISPOSAL CONSIDERATIONS

Disposal of this product should be made in accordance with federal state and local regulations.

SECTION 14 : TRANSPORT INFORMATION

TRANSPORTATION: NOT REGULATED BY D.O.T.

SECTION 15 : REGULATORY DATA

TITLE III-SARA: THE FOLLOWING DATA IS BEING SUPPLIED IN COMPLIANCE WITH TITLE III SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) PART 313 AND 40 CFR 372

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS FOUND ON THE SARA LIST IN 40 CFR 372.

CALIFORNIA PROPOSITION 65: CONTAINS NO MATERIALS KNOWN TO BE ON THE CALIFORNIA PROPOSITION 65 LIST.

Listed on the following inventories: TSCA

SECTION 16 : OTHER INFORMATION

Large Spill: NA

Fire: NA

Safety Data Sheet

PRODUCT: PreventX 24/7

SDS No: PX247

Other Info:

DISCLAIMER

THE INFORMATION GIVEN HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THIS COMPANY OR NOT. THE INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT AND SUITABLE FOR THEIR NEEDS.

End of SDS

PreventX 24/7 imparts invisible long lasting antimicrobial surface and odor protection.

DIRECTIONS FOR USE

RTU (ready to use) means NO dilution required.
Store or apply product above freezing up to 100F / 38C.

Pre-clean and rinse surfaces or de-dust first. Allow to dry. If pre-cleaned with PreventX SCT, applying to damp surface is allowed. Use sprayer on fine mist & buff with circular motion (when appropriate) on smooth hard surfaces. Spray reasonably clean fabrics lightly & walk away. Always test for fabric colorfastness (no silk). For economy or large areas use back-pump or electrostatic sprayer. Avoid glass. Wipe off immediately with glass cleaner. Allow to dry before re-using applied surfaces. Showers or outdoor applications (possible rain) must dry a minimum 2 - 4 hours.

APPROVED FOR USE ON HARD SURFACES AND FABRICS

Air filters, awnings, building materials & components, blankets, bed linen, granite, stone, siding, bathroom, carpets, curtains, countertops, fabrics, walls, ceiling tile, concrete, flooring, footwear, ceramic, stainless, vinyl, porcelain, marble, aluminum, leather, mats, fire resistant coatings, plumbing fixtures, pillows, roofing materials, sand bags, tents, tarps, shoe insoles, socks, shower curtains, toweling, umbrella, upholstery, vacuum bags, clothing, underwear, face masks, PPE, etc.

Mild Eye Irritation
Keep out of eyes
For Industrial Use Only.
Keep Away from Children



PREVENTXTM

24/7

DURABLE SURFACE PROTECTION

An invisible finish coating with on-going antimicrobial properties that are built in to protect surfaces and fabrics.

- Contains built in anti-microbial and anti-static properties
- Bacteriostatic – Fungistatic – Algaestatic – Electrostatic
- Invisibly protects surfaces from deterioration
- Makes future cleanings easier
- Proven effective and non-toxic for use on touch points

Active Ingredient:

3- (Trimethoxysilyl) Propyldimethyl Octadecyl Ammonium Chloride *...0.67%

*This product is exempt from individual registration under 40 CFR 152.25(a) as it contains an already approved EPA registered anti-microbial (#63129-2). The finish coating does not extend protection for the user but is intended to protect only the applied surface (Not Food Contact).

APPLICATION TIPS

Pre-wet (lightly) microfiber cloth with PreventX 24/7 then spray, wipe, buff using spray bottle and PreventX 24/7 wetted cloth.

For carpet protection; carpet rake into yarn & reach backing.

Remove drain covers and spray drain rim & under cover.

Most applications should be re-applied every 30 – 90 days.

Depending on friction or ultra-violet, can last a year or more.

Do not apply to electronics or any other surface that will be harmed by water. If in doubt, do not apply.

Hard surface (even waxed) floors may be sprayed with PreventX 24/7 and followed with hot water mop.

Repeat monthly.

Spray fabrics prior to putting into dryer. Test small area if color fastness is in doubt. Last up to 20 plus new washes after treatment.

JennsCo

P.O. Box 1560 Springfield, TN 37172
615.496.7313 www.JennsCo.com



Contact Us:

Altrux Medical

410 Peachtree Parkway
Suite 4245
Atlanta, GA 30041
info@altrux.com

Ted King

President
Office: +1 (678) 341-5216
Phone: +1 (404) 216-3013
Fax: +1 (678) 216-3013
ted@altrux.com

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