

Healthcare Catalog



High Quality Paper Products

Hospital Grade Disinfectants

Premium Soap & Sanitizers

JOIN OUR HYGIENE CAMPAIGN TODAY! BY PURCHASING ANY PRODUCT YOU WILL RECEIVE A 'WASH YOUR HANDS SIGN' FOR YOUR FACILITY.







HOSPITAL GRADE DISINFECTANT





LIST N: DISINFECTANTS FOR CORONAVIRUS (COVID-19)



ANTIBACTERIAL DISINFECTANT CLEANER

Abadisin® is formulated to disinfect hard, non-porous, inanimate environmental surfaces. It's one of the best cleaners in ther market. In addition, this product deodorizes those areas that generally are hard to keep fresh smelling.

USES:

- Floors & Walls
- Metal & Stainless Steel surfaces
- Glazed porcelain & Ceramic tile
- plastic surfaces
- Chrome, Brass & Copper
- Laminated surfaces
- Baked enamel surfaces
- Bathrooms, Shower Stalls & Bathtubs
- Cabinets



Ideal to use in hospitals, nursing homes, patient rooms, operating rooms, public restrooms, schools, food service establishments, transportation terminals, office buildings, manufacturing facilities, lodging establishments, veterinary clinics, athletic & recreational facilities, and many more.

VIRUCIDAL · BACTERICIDAL · MILDEWSTAT · FUNGICIDE

Kill Claims:

- Avian Influenza A (H3N2)
- Aspergillus niger (ATCC6275)
- Bovine Viral Diarrhea
- · Canine parvovirus
- · Corynebacterium ammoniagenes
- CA-Methicillin Resistant Staphylococcus (Community Associated)
 Mycobacterium tuberculosis (BCG)
- Enterococcus faecium
- Escherichia coli
- Feline calicivirus
- Hepatitis A Virus
- Hepatitis B Virus (Duck Hepatitis B Virus)

- · Hepatitis C Virus (Bovine Viral Diarrhea)
- · Human Immunodeficiency Virus (HIV) (associated
- with AIDS)
- · Human Coronavirus; Listeria monocytogenes
- Methicillin Resistant Staphylococcus aureus
- · Enterocolitica.
- (Oregon Teknika)
- · Norwalk virus (Norovirus)
- Poliovirus Type 1, strain Brunhilde
- Pseudomonas aeruginosa

- Rabies Virus (attenuated ERA strain, CDC)
- · Salmonella choleraesuis
- Salmonella typhi SARS Associated Coronavirus
- Staphylococcus aureus
- Trichophyton menta grophytes
- Vancomycin intermediate resistant Staphylococcus aureus (VISA)
- · Vancomycin resistant Enterococcus faecalis (VRE)
- Yersinia

Product Code: BS310-QT Packaged: 12 Bottles (32oz.) / Case





ANTIBACTERIAL DISINFECTANT CLEANER

Abadisin Concentrate SC is a hospital grade disinfectant cleaner and deodorizer. It is formulated to disinfect hard non-porous, inanimate environmental surfaces such as floors, walls, metal surfaces, glazed porcelain and ceramic tile. It can also be used on plastic surfaces, bathrooms, shower stalls, cabinets, kitchens, sinks, appliances and many more.

BENEFITS:

- · Ideal for high volume cleaning
- · Same Kills Claims as Abadisin
- Neutral PH
- · Can be use in Dilution System

Product Code: BS310-SC4 Packing: 4 Half-Gallon / Case





Ideal for our Brite Star Chemical Dilution Station

One Half-Gallon = 500+ RTU QTs







1839-95-72072





SUPER HOSPITAL DISINFECTANT CLEANER

SUHODISIN® is one of the more up to date, broad-spectrum disinfectants. It kills a wide range of other Gram-positive and Gram-negative bacteria and pathogenic fungi, as well as HIV 1 (the AIDS virus), HBV (Hepatitis B virus) and HCV (Hepatitis C virus). It gualifies as a disinfectant for use in hospitals,

in such critical areas as the operating room and patients' rooms.

USES:

- Operating Tables
- Walls
- OR Instrument Tables

Kill Claims:

- Adenovirus Type 2
- Avian Influenza A Virus (H3N2) (Avian Ressortant)
- (ATCC VR-2072) Avian Influenza Virus, Type A (Turkey/WIS/66) (H9N2)
- Bovine Viral Diarrhea Virus (BVDV)
- *Feline Calicivirus (FCV)
- Hepatitis B Virus (HBV) (Duck Hepatitis B Virus-DHBV) Hepatitis C Virus (HCV) (Bovine Viral Diarrhea Virus-BVDV)
- Herpes Simplex Type (Sabin)
- Human Coronavirus (ATCC VR-740, strain 229E)
- Human Immunodeficiency Virus, HTLV-IIIRF, strain
- of HIV-1 (associated with AIDS)

- Influenza A2 (Japan 305/57)
 - Norovirus (Norwalk Virus) (FCV)
 - Pandemic 2009 H1N1 Influenza A Virus · Porcine Respiratory & Reproductive Syndrome
 - Virus (PRRSV) (Strain NVSL) · SARS associated Coronavirus (ZeptoMetrix)
- · Vaccinia (Wyeth)
- Acinetobacter baumannii (ATCC 19606)
- Brevibacterium ammoniagenes (ATCC 6871)
- Enterobacter aerogenes (ATCC 13048)
- Escherichia coli (ATCC 11229)
- Klebsiella pneumoniae ATCC 4352)
- Klebsiella pneumoniae New Delhi Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant

- · Methicillin resistant Staphylococcus aureus (MRSA) (ATCC 33593)
- Salmonella schottmuelleri (ATCC 8759)
- Shigella dysenteriae (ATCC 12180)
- Streptococcus faecalis (ATCC 10541)
- Streptococcus pyogenes (Clinical-Flesh Eating strain, BIRD M3)
- Streptococcus salivarius (ATCC 9222)
- Vancomycin intermediate resistant Staphylococcus
- aureus (VISA) (HIP 5836) · Vancomycin resistant Enterococcus faecalis (VRE)
- (ATCC 51299)

Brite Star

· DISINFECTANT · SANITIZER · DEODORIZER





EPA REG. No. 1839-86-72072

- Kitchen Equipment
 Dishes
- Food Prep Areas
- Tables

USES:

Product Code: BS320-01 Packing: 4 Gallon / Case

- Glasses Eating Utensils
- Floors/Walls
- Metal Surfaces
- Stailess Steel



Kill Claims:

- Adenovirus Type 5
- Avian Influenza A/Turkey/Wisconsin (ATCC VR-798)
- · Bovine Viral Diarrhea Virus (BVDV)
- · Hepatitis C Virus (HCV) (Bovine Viral Diarrhea
- Virus-BVDV)
- Herpes Simplex Type 1 (Sabin)
- Human Coronavirus (ATCC VR-740, strain 229E)
- Human Immunodeficiency Virus, HIV-1, strain
- HTLV-IIIB, (associated with AIDS) Influenza A2 (Japan 305/57)
- Laryngotracheitis (LT-IVAX)
- Newcastle Disease Virus (strain H.J. Roakin, 1946)

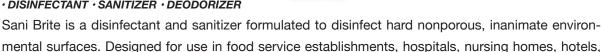
 Porcine Respiratory & Reproductive Syndrome Virus (PRRSV) (Strain NVSL)

schools, athletic/recreational facilities, tanning spas, dairies, and restaurants.

- Pandemic 2009 H1N1 Influenza A Virus
- Hepatitis B Virus (HBV) (Duck Hepatitis B Virus-DHBV) · SARS associated Coronavirus (ZeptoMetrix) Vaccinia (Wveth)
 - Staphylococcus aureus (ATCC 6538)
 - Salmonella enterica (ATCC 10708)
 - Listeria monocytogenes (ATCC 35152)
 - Yersinia enterocolitica (ATCC 23715)
 - · Pseudomonas aeruginosa (ATCC 15442)
 - Staphylococcus aureus (Vancomycin intermediate resistant) (VISA) (HIP-5836)
 - Staphylococcus aureus (ATCC 6538)

- Escherichia coli (ATCC 11229)
- · Campylobacter jejuni (ATCC 29428)
- Escherichia coli O157:H7 (ATCC 43895)
- Listeria monocytogenes (ATCC 35152) Methicillin resistant Staphylococcus aureus
- (ATCC 33592)
- Salmonella typhi (ATCC 6539)
- Shigella sonnei (ATCC 11060) · Vancomycin resistant Enterococcus faecalis
- (ATCC 51299)
- Vibrio cholera (ATCC 14035)
- Yersinia enterocolitica (ATCC 23715)

Product Code: BS305-01 Packing: 4 Gallon / Case







EPA Reg. No. 10324-154-72072





NEUTRAL DISINFECTANT CLEANER

NEUDISIN® is a one-step, neutral disinfectant that is effective against a broad spectrum of bacteria, is virucidal (including HIV-1, HBV and HCV), fungicidal and inhibits the growth of mold and mildew and their odors when used as directed. NEUDISIN® has been formulated to aid in the reduction of cross-contamination on treated surfaces. It is EPA registered to kill HIV1, MRSA and many other pathogenic organisms.

BENEFITS:

- Neutral PH
- · Ideal for floors
- Deodorizing
- Hard Water Tolerance

Product Code: BS300-04 Packing: 4 Gallon / Case



VIRUCIDAL • BACTERICIDAL • MILDEWSTAT • FUNGICIDE

Kill Claims:

- Pseudomonas aeruginosa ATCC 15442
- Staphylococcus aureus ATCC 6538 Salmonella enterica ATCC 10708
- Acinetobacter baumannii ATCC 19003
- Acinetobacter Iwoffi ATCC 15309
- Bordetella bronchiseptica ATCC 10580
- Chlamydia psittaci ATCC VR-125
- Citrobacter freundii ATCC 8090
- Enterobacter aerogenes ATCC 13048
- Enterobacter agglomerans ATCC 27155
- Enterobacter cloacae ATCC 13047 Enterococcus faecalis ATCC 19433
- Enterococcus faecalis VRE ATCC 51299
- Enterococcus hirae ATCC 10541 · Escherichia coli Carbapenem Resistant
- CDC 81371
- Escherichia coli ATCC 11229
- Escherichia coli ESBL ATCC BAA-196 · Escherichia coli Tetracycline Resistant
- ATCC 47041

- Escherichia coli O157:H7 ATCC 35150 Fusobacterium necrophorum ATCC 27852
- Klebsiella oxytoca ATCC 13182
- Klebsiella pneumoniae NDM-1 positive ATCC BAA-2146
- Klebsiella pneumoniae ATCC 13883 Listeria monocytogenes ATCC 19117
- Micrococcus luteus ATCC 14452
- Pasturella multocida ATCC 12947 Proteus vulgaris ATCC 13315
- Pseudomonas aeruginosa Tetracvcline Resistant ATCC 27853
- Pseudomonas cepacia ATCC 25416 Salmonella enterica ATCC 23564
- Salmonella enterica serotype pullorum ATCC 19945
- Salmonella enteritidis ATCC 4931 Salmonella typhi ATCC 6539
- · Salmonella typhimurium ATCC 23564
- Serratia marcescens ATCC 14756

- Shigella flexneri ATCC 12022
 - Shigella sonnei ATCC 25931 Staphylococcus aureus CA-MRSA NRS 123 Genotype USA400
 - Staphylococcus aureus CA-MRSA¹ NARSA
 - NRS384 Genotype USA300 Staphylococcus aureus MRSA ATCC 33592 Staphylococcus aureus VISA HIP 5836
- Staphylococcus epidermidis ATCC 14990
- Staphylococcus epidermidis (Ampicillin, Cefazolin, Human Coronavirus ATCC VR-740 Oxacillin, Penicillin Resistant) ATCC 51625
- Staphylococcus haemolyticus ATCC 29970
- Streptococcus agalactiae ATCC 13813
- Streptococcus mutans ATCC 25175
- Streptococcus pneumoniae Penicillin Resistant ATCC VR-544 ATCC 51915
- Streptococcus pyogenes ATCC 19615
- Vibrio cholera ATCC 11623

- Avian Influenza A Virus (H3N2) ATCC VR-2072 Cvtomegalovirus AD-169
- Coronavirus (SARS-associated) CDC 200300592 Hepatitis B Virus (HBV) (Duck-surrogate)
- Clinical Isolate Hepatitis C Virus (HCV) (BVDV-surrogate)
- Clinical Isolate
- Herpes Simplex Type 1 Virus VR-733
- Herpes Simplex Type 2 Virus ATCC VR-734
- Human Immunodeficiency Virus Type 1
- (AIDS Virus) (Strain III_{RE})
- Influenza A Virus (H1N1) Strain A/PR/8/34 Influenza A2/Hong Kong Virus (H3N2)
- Respiratory Syncytial Virus ATCC VR-26
- Vaccinia Virus ATCC VR-119
- Yersinia enterocolitica ATCC 23715
- Avian Influenza A Virus (H5N1) CDC 2006719965

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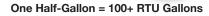
NEUTRAL DISINFECTANT CLEANER

BENEFITS:

- · Ideal for high volume cleaning
- · Same Kills Claims as Neudisin
- Neutral PH
- · Can be use in Dilution System

Product Code: BS300-SC4 Packing: 4 Half-Gallon / Case













Ideal for our Brite Star Chemical Dilution Station



LIST N: DISINFECTANTS FOR CORONAVIRUS (COVID-19)

This product is a one-step hospital-use germicidal cleaner and odor-counteractant designed for general cleaning, disinfecting and deodorizing of hard, non-porous inanimate surfaces. Quickly removes dirt, grime, food residue, blood and other organic matter commonly found in hospitals, in



EPA Reg. No. 1839-220-44089

USES:

- Hospitals
- Gvms
- Health Care Settings
- Animal Holding Areas
- Veterinary Waiting Rooms
- Bathrooms Examination Rooms Bathroom Fixtures

Spray N Go

health care facilities and on medical surfaces.

DISINFECTANT CLEANER AND ODOR COUNTERACTANT

Kill Claims:

- Pseudomonas aeruginosa
- · Salmonella enterica
- Staphylococcus aureus
- Methicillin Resistant Staphylococcus aureus (MRSA)
- Vancomycin Resistant Enterococcus faecium
- Acinetobacter baumannii Ceftazidime
- Escherichia coli
- Klebsiella pneumoniae
- New Delhi Metallo-Beta Lactamase (NDM-1)
- Human Immunodeficiency Virus Type-1 (HIV-1)
- Avian Influenza Virus (H5N1) NIBRG-14

- Human Rotavirus
- Hepatitis B Virus (HBV)
- Hepatitis C Virus (HCV)
- Duck Hepatitis B Virus (DHBV)

Health Clubs

Wrestling Mats

Gymnastic Equipment

- Bovine Viral Diarrhea Virus (BVDV)
- Feline Calicivirus
- Norovirus (Norwalk Virus)
- Canine Parvovirus
- Rhinovirus Type 14 and Rhinovirus Type 39
- SARS associated Coronavirus (ZeptoMetrix)

Ideal for spray systems

Ready To Use

Formula



Product Code: RXSPR&GO Packing: 4 Gallon / Case

EPA.



VitalOxide



VITAL OXIDE is an EPA-registered hospital disinfectant cleaner, mold and mildew killer, and odor eliminator. With its ready-to-use formula designed to be gentle to users but tough on germs, Vital Oxide is non-irritating to skin, non-corrosive to most treated articles, NSF-certified (no rinse required) for food-contact surfaces, and listed as a category IV (lowest toxicity category) pesticide with the

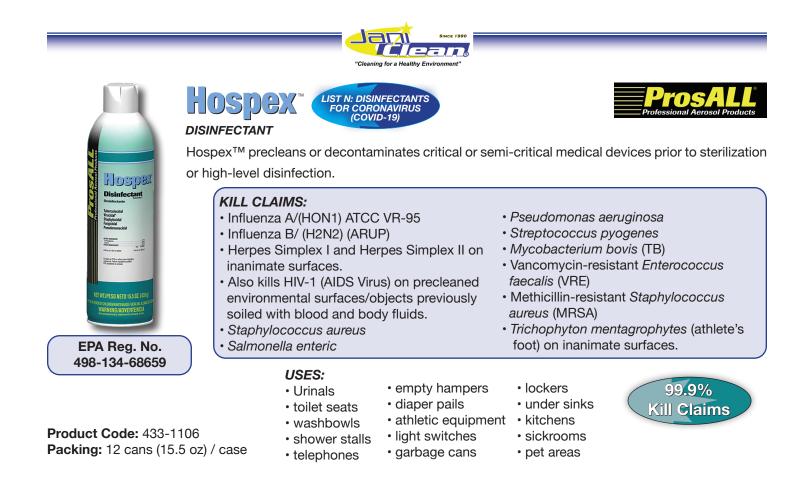
EPA Reg. No. 82972-1

KILL CLAIMS:

Escherichia coli (ATCC 11229) Staphylococcus aureus (ATCC 6538) Enterobacter aerogenes (ATCC 13048) Trichophyton rubrum (ATCC # MYA-4438) Trichophyton interdigitale (ATCC# 9533) Aspergillus niger (ATCC 6275) Pseudomonas aeruginosa ATCC 15442 Acinetobacter baumannii ATCC 19606. Staphylococcus aureus MRSA ATCC 33592 Listeria monocytogenes ATCC 15313 Legionella pneumophila ATCC 33153 Salmonella enterica ATCC 10708 Klebsiella pneumoniae (NDM-1) ATCC BAA-2146 Escherichia Coli ATCC 11229 Bordetella bronchiseptica ATCC 10580

Mycobacterium bovis-BCG Streptococcus pneumonia ATCC# 700677 Chlamvdia psittaci, Strain 6BC, ATCCVR-125 Rotavirus, Strain WA Hepatitis C Virus Bovine Viral Diarrhea Virus** Hepatitis B Virus Duck Hepatitis** Norovirus Feline Calicivirus** Murine Norovirus (MNV-1)** Swine Influenza (H1N1) ** Respiratory Syncytial virus, ATCC VR-26** Human Immunodeficiency Virus (HIV Type 1) Strain HTLV-IIIb** Influenza B Virus (StrainB/Taiwan/2/62), ATCC VR-1735** Hepatitis A Virus ATCC VR-1541** Hantavirus (Prospect Hill Virus) University of Ontario ** Canine Distemper Virus, Strain Snyder Hill, ATCC VR**

Adenovirus 1, Strain Adenoid 71, ATCC VR-1** Canine Parvovirus, Strain Cornell-780916, ATCC VR-2016** Canine adenovirus 1, Strain Utrecht, ATCC VR-293** Feline Herpsvirus 1 Strain C-27, ATCC VR-636** Feline coronavirus, Strain WSU 79-1683, ATCC VR 989** Canine coronavirus Strain 1-71, ATCC VR-809** Canine Influenza (H3N8) virus, Strain A/Ca/NY/105913/08, Cornell University** Feline Infectious Peritonitis Virus, Strain: WSU 79 1146, ATCC# VR-990** VR-990**, Feline panleukopenia virus, Strain Philips-Roxane, ATCC VR-648** Rabies Virus, Strain: Flury (HEP), ATCC VR-139** Avian Influenza (H5N1) Virus (VNH5N1-PR8/CDC-RG), CDC #2006719965, Charles River Laboratories Herpes Simplex Virus 1 (Human), Strain HF, ATCC VB-260** Porcine Epidemic Diarrhea Virus, Strain CO 2013, USDA APHIS 025-PDV001



SPRAY DISINFECTANT - Original & Citrus Scent



Champion Sprayon[®] Spray Disinfectant kills cold and flu viruses and many other germs on hard, nonporous, inanimate surfaces, and kills HIV-1 (AIDS virus) on precleaned environmental surfaces or objects previously soiled with blood and body fluids. Also effective against fungi such as Trichophyton mentagrophytes (causes of ringworm or athlete's foot), in appropriate areas. Prevents mold and mildew on hard surfaces. Can be used on soft surfaces.

Recommended uses-Ideal for:

- Garbage cans
- · Light switches and telephones
- Metal or glazed porcelain urinals

Metal or plastic diaper pails

- Non-wood surfaces of toilet seats
- Plastic or ceramic tile shower stalls Empty hampers
 - Athletic equipment and lockers

KILL CLAIMS:		
Staphylococcus aureus	Streptococcus pyogenes	Pandemic 2009 H1N1
Salmonella enterica	Trichophyton mentagrophytes	influenza A virus
Campylobacter jejuni	Vancomycin-resistant Enterococcus	HIV-1 virus
Escherichia coli	faecalis (VRE)	Rhinovirus Type 39
Klebsiella pneumoniae	Methicillin-resistant Staphylococcus	
Pseudomonas aeruginosa	aureus (MRSA)	

Original Scent: Product Code: 438-5157 Packing: 12 Cans (16.5 oz) / Case Citrus Scent: Product Code: 438-5166 Packing: 12 Cans (16.5 oz) / Case





For Daily Use



FOAMING DISINFECTANT CLEANER

CliniClean™ is a Quaternary foaming disinfectant cleaner. It disinfects 100% of the germs in 10 minutes. In addition it removes mold and mildew stains and it eliminates bad odors.

KILL CLAIMS:

- Staphylococcus aureus
- Salmonella Enterica
- Pseudomonas aeruginosa
- Escherichia coli
- Salmonella schottmuelleri Trichophyton mentagrophytes
- (athlete's foot) fungi
- Influenza A (A2 Japan) ATCC VR-100
- Herpes Simplex Type 1
- Herpes Simplex Type 2
- Respiratory Syncytial
- HIV-1 (AIDS) viruses

- Campylobacter jejuni
- Influenza B (Hong Kong) ATCC VR-823

USES:

- bathtubs
- sinks

toilet seats

shower stalls

- baked enamel
- plastic countertops
- exterior bowl surfaces
 - · painted walls woodwork
- · plastic and ceramic tile · vinyl & leather

Product Code: 433-1104 Packing: 12 cans (17 oz) / case





SO NETO 1 lb 1 nz

EPA Reg. No.

498-62-6865

Alig 75 Wipes





ANTIBACTERIAL HEAVY DUTY CLEANER AND ODOR COUNTERACTANT

The ability to kill the Mycobacterium tuberculosis BCG bacillus is one of the requirements for use of an appropriate disinfectant for clean up of blood spills, yet many quaternary disinfectant cleaners do not meet this requirement. AIRX 75 does. The problem is that the Mycobacterium tuberculosis bacillus is protected by a tough shell that the typical quat formula can not pierce. The superior solvency of AIRX 75 allows it to breakthrough the TB shell.

EPA Reg. No. 1839-83-44089

USES:

- Table Tops Desk
- Door Handles
 Phones
- · Light Switches · keyboard / mouse
- **KILL CLAIMS:**
- Feline Calicivirus (FCV)
- · Human Immunodeficiency Virus,
- HTLV-IIIB, strain of HIV-1
- (associated with AIDS)
- Norovirus (Norwalk Virus) (FCV)
- Staphylococcus aureus (ATCC 6538)
- · Salmonella (choleraesuis) enterica (ATCC 10708)
- Pseudomonas aeruginosa (ATCC 15442)
- Escherichia coli (ATCC 11229)
- Escherichia coli O157:H7 (ATCC 43895)
- · Methicillin resistant Staphylococcus

aureus (MRSA) (ATCC 33593)

- Vancomycin resistant Enterococcus faecalis (VRE) (ATCC 51575)
- · Vancomycin intermediate resistant Staphylococcus aureus (VISA) (CDC Isolate 99286)
- · SARS associated Coronavirus (ZeptoMetrix)

Product Code: RX75 Packing: 180 Wipes / per Bucket









DISINFECTANT RESTROOM CLEANER

A fast-acting disinfectant, cleaner and deodorizer for the entire toilet system. Not only helps control the hazards of cross-contamination on treated hard, nonporous, environmental surfaces, but also kills many microorganisms that cause odors. For disinfecting hard, nonporous, surfaces. It is formulated for use in the schools, colleges, universities and office buildings, health care facilities, medical and dental offices, nursing homes, airports, and federally inspected meat and poultry plants.

EPA REG. No. 47371-97-72072

KILL CLAIMS:

- Staphylococcus aureus
 Influenza A2/Mich
 - Aspergillus niger
 - Enterobacter aerogenes
 - Trichophyton mentagrophytes

BENEFITS:

- Clean and deodorize toilets
 · Use on all china & porcelain
- Dissolve scale and rust

Salmonella choleraesuis

Streptococcus pyogenes

Herpes Simplex Type 2

Fast-acting formula

Product Code: BS002-QT Packing: 12 Bottles (32oz.) / Case



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CARPET CLEANER, SANITIZING DEODORIZER FORMULA

Effective as a sanitizing agent putrefactive bacteria. Low foam with built in defoaming action for use with all models of extraction, carpet "steam cleaning" and bonnet equipment. Fortified with a proven odor coutneractant Based on patented technology for removing greasy soil without need for solvents.

EPA Reg. No. 1459-74-49691



BENEFITS:

- Sanitizes as it cleans
- Superior cleaner
- VOC compliant
- Eaasier clean up

Built-in defoamer

Economical



CARPET SOLUTIONS

Product Code: 10060 Packing: 4 Gallon / Case





Understanding Cleaning Concepts

Cleaning is the removal of foreign material (e.g., soil, and organic material) from objects and is normally accomplished using water with detergents or enzymatic products. Thorough cleaning is required before high-level disinfection and sterilization because inorganic and organic materials that remain on the surfaces of instruments interfere with the effectiveness of these processes. (CDC,2008).

Types of soil

- 1. Loose, dry soil. This is what you see floating in the air settling in a room as you look through a beam of sunlight.
- 2. Oily, sticky soil. Most dirt, is mixed with grease or other oily material, which makes it sticky to surfaces. Dry soil turns sticky when its mixed with different substance for example, moisture.

Sanitization

Sanitization is the lowest level of germ control. It kills the fewest number of germs, but is considered safe according to public health standards. Based on the product used and the dwell time, kill rates can range from 50% to 99%, but mostly are expected to kill 99.999% germs in 30 seconds. Commercials sanitizing chemicals are required to have an EPA number.

Sanitization using fogger

- A. Fogging devices are used to delivered disinfecting and sanitizing products within a room or area.
 - a. Unless the pesticide product label specifically includes disinfection directions for fogging, fumigation, wide-area or electrostatic spraying, or application via drones (i.e., unmanned aerial vehicles (UAV)), EPA does not recommend using these methods to apply disinfectants.
 - b. **Simply "fogging"** an area with a disinfectant does not meet EPA-registered label requirements without proper pre-cleaning and may be a violation of federal law. More importantly, improper application of the disinfectant can lead to a false sense of security, an increase in health hazards and not be effective at reducing the risk of the spread of COVID-19. However, the CDC hasn't deemed the "fogging" method as the most effective way to combat COVID-19, as it doesn't clean the affected surface.
 - c. **Residual action** refers to the prolong effect that a disinfectant or sanitizer may have ina surface. EPA recently stated that it wasn't possible for a disinfectant or sanitizer to have a residual effect of 60 day. For example, Vital Oxide has a residual on mold and mold spores for up to 1 month on fabrics and 1 week on hard surfaces with a single treatment.

Disinfection

Disinfection kills many more germs than sanitization and must have an EPA Registration Number to be considered a true disinfectant. It must kill 99.99999% of the pathogenic microorganism it is listed as being able to kill in EPA- approved laboratory tests.

Disinfection can be achieved in either a one-step process where a disinfectant is be applied to a surface after it is cleaned, or a two-step process where cleaning and disinfection are performed simultaneously with a combination cleaning/disinfecting product. Disinfection may not always kill viruses or molds.

Dwell or contact time: the length of time that a particular cleaning chemical, to be effective, should remain on the surface being cleaned. For disinfectant should be between 1 to 10 minutes.



Types of disinfectants

- A. Natural pine oil- is very weak. To effectively kill germs, you will need an 80 percent solution. It also generates VOCs (Volatile Organic Compounds).
- B. lodine- is a very powerful disinfectant with a broad range of kill. lodine can kill the tuberculosis (TB) germ. Since the TB germ is difficult to use kill, scientist and public health officials recommend tuberculocidal disinfectants for use against other tough viruses as well.
- C. lodophors are mixture of iodine and detergent that kill germs, remove dirt and work well in hard water.
- D. Hypochlorite disinfectants work only on surfaces that are already clean. They lose power when they come into contact with foreign substances such as soil, so they are best used as a second step in a two-step disinfecting process.
- E. Synthetic phenols have a broad range of kill, are tuberculocidal, and are widely used on a variety of surfaces in many types of facilities.
- F. Quaternary ammonium compounds, or "quats" are good germ killers and will not burn your skin if used in proper proportions.
- G. Peroxide-based disinfectants are relatively new to our industry. In some cases, work faster at killing germs than traditional disinfectant.

Sterilization

Sterilization is the most effective method of killing germs and spores. It destroys all living organisms, including germs and molds, and makes viruses inactive. It is mostly used, in dentist offices and other facilities where medical or surgical equipment must be germ-free.

Differences between ethyl and isopropyl alcohol

Isopropyl

- Most Commonly used in hand sanitizer.
- It is not safe to drink or swallowed it.
- Isopropyl alcohol evaporates more quickly, but it doesn't dry out our hands so badly.

Similarities

In hand sanitizers they work the same way.
They both disrupt the protens and lipids in viruses and bacteria, which kills such germs.
The U.S. Centers for Disease Control and Prevention recommends a solution of 65 to 25 and 26 a

- 95 percent alcohol using either ethyl alcohol or isopropyl alcohol in any hand sanitizer to do the job.
- 100 percent alcohol is actually less effective at killing germs.

Ethyl or Ethanol

- In hand sanitizer is denatured and will not make you drunk, but it will make you very sick.
- It is it's the kind of alcohol in any liquor that's distilled from grain.
- Ethanol or ethyl alcohol is more dehydrating, and we can feel that when we use it on our skin. It can make our skin feel tight and dry.





ADVANCED ANTIBACTERIAL HAND SOAP FORMULA

Health Guard by Kutol offers a large selection of foaming and liquid antibacterial hand soaps in a wide variety and range of active ingredients and dispensing options. Formulated to help kill the most common bacteria that can cause disease, all of our antibacterial hand soaps are lab tested and quality checked for effectiveness.

BENEFITS:

- Effective foaming or liquid formula antibacterial hand soap
- Formulate without Triclosan
- Active ingredient 0.13% Benzalkonium



800ml

- Chloride kills 99.99% of common germs that can cause illness
- Golden Amber color with Citrus-Spice fragrance



Foaming Formula 1000ml



Gallon



Contains Aloe and Vitamin E to help nourish the skin



Foaming Formula Gallon

HAND SANITIZERS

Health Guard offers a full line of NSF registered commercial/industrial hand sanitizers to help fight germs and keep hands clean. From our single-step, E2-rated Sanitizing Hand Soaps developed for food processing, handling and preparation facilities to our E3-rated Foam and Gel Instant Hand Sanitizers that are ideal when water and soap are not available, we have the solution. Available **in alcohol and no alcohol** formulas and a variety of dispensing systems, gallons and small bottles, Kutol has a product for every hand sanitizing need.



Foaming Non-Alcohol Formula 1000ml



62% Alcohol Gel Formula 800ml



70% Alcohol Foaming Formula 1000ml



Foaming Non-Alcohol Formula Gallon 62% Alcohol Gel Formula Gallon

SINCE 1990

DISPENSERS FOR HAND SOAP OR SANITIZER

Kutol Products Company designs, manufactures and sells a wide range of commercial hand soap dispensers for the away from home market. Dispensers are sold within many market segments including general and public offices, education, healthcare, food service, industrial and automotive, military and government, travel and transportation and hospitality.

Whether you need a **manual or automatic** wall mount dispenser, a counter mount dispenser, a portable dispensing option or a bulk fill dispenser, Kutol has a commercial hand soap dispenser for any application.





Paper Towels:



Roll Paper Towel

Center Pull Paper Towel

Multifold Paper Towel

Towel Dispensers:





Manual Dispenser Battery Powered **Hands Free** Dispenser

Dispenser



Centerpull Dispenser









Multifold SS





Jumbo Toilet Tissue Paper

Toilet Tissue Dispensers:



9" Jumbo Jr. **Tissue Dispenser**



12" Stainless Steel Jumbo Tissue Dispenser



Portaroll Tissue Paper

9" Stainless Steel Twin Jumbo Jr. **Tissue Dispenser**



Twin Portaroll Tissue Dispenser



Standard Roll Toilet Tissue Paper

Twin Standard Tissue Dispenser



Twin Standard Tissue Dispenser

Wipes:

BENEFITS:



Light Duty • Low Lint



Medium Duty • Strong Wipes



Heavy Duty

• Economical

Dispenser

Mini Centerpull Multifold Dispenser

Dispenser

Looking For Disinfection Services?

Jani Clean counts with 30 years of experience in the cleaning & disinfecting industry.

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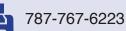


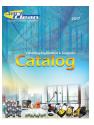
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