14 Antibacterial All Purpose Cleaner

CLASSIFICATION
One-Step Disinfectant - Cleaner - Fungicide - Mildewstat - Virucide* - Deodorizer for Hospitals, Institutional and Industrial Use

PRODUCT DESCRIPTION
This product will disinfect, clean and deodorize surfaces in rest rooms and toilet areas, behind and under sinks and counters, garbage cans and garbage storage areas, and other places where bacterial growth can cause malodors. This product is a concentrated one-step Hospital Use disinfectant cleaner that is effective against a broad spectrum of bacteria, is virucidal* [including HIV-1, the AIDS Virus and Hepatitis B Virus and Hepatitis C Virus], fungicidal, and inhibits the growth of mold and mildew, and their odors, when used as directed. Cross-contamination is of major housekeeping concern. This product has been formulated to aid in the reduction of cross-contamination not only in hospitals, but in schools, institutions and industry. This product leaves a clean fresh scent.

USE
Please refer to product container label for complete directions for use.

DIRECTIONS FOR USE:
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Dilution:
Disinfection (1:256) ½ fl. oz. per gallon of water [886 ppm active]
Disinfection (1:128) 1 fl. oz. per gallon of water [1695 ppm active]
Disinfection (1:64) 2 fl. oz. per gallon of water [3390 ppm active]

Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected.

Preparation of Use-Solution: Mix ½ fl. oz. - 1 fl. oz. per gallon of water [1:256 - 1:128]. For heavy duty use, mix 2 fl. oz. per gallon of water [1:64].

APPLICATION:
Apply use-solution to hard, nonporous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge, sprayer or by immersion. Treated surfaces must remain wet for 10 minutes. Wipe dry with a cloth, sponge or mop or allow to air dry. For heavily soiled areas, a preliminary cleaning is recommended. For sprayer applications, use a coarse spray device. Spray 6 - 8 inches from the surface; rub with a brush, sponge or cloth. Do not breathe spray. Rinse all surfaces that come in contact with food such as countertops, exteriors of appliances, tables and stovetops with potable water before reuse. Do not use on utensils, glassware and dishes. For fungicidal activity, this product is an effective fungicide against *Trichophyton mentagrophytes* [the athlete's foot fungus] in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities. This product is a one-step fungicide at ½ fl. oz. - 1 fl. oz. per gallon in 250 ppm hard water and 5% serum. At ½ fl. oz. - 1 fl. oz. per gallon in 400 ppm hard water, this product must be used on precleaned surfaces. For mold and mildew, At ½ fl. oz. - 1 fl. oz. per gallon, this product will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, nonporous surfaces. Follow disinfection instructions. Repeat treatment every seven days, or more often if new growth appears.

Bactericidal Stability of Use-Dilution: Tests confirm that the use solution of this product, when stored in a sealed container such as a spray bottle, remains effective for up to 1 year. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, properly labeled containers when diluting this product. Bactericidal stability of the use-dilution does not apply to open containers such as buckets or pails.

This product is not for use on medical device surfaces.

TO CLEAN AND DEODORIZE: Mix ½ fl. oz. - 1 fl. oz. of this product per gallon of water to clean and deodorize surfaces. Apply using a cloth, mop, sponge or sprayer. Wipe or allow to air dry.

NON-ACID TOILET BOWL AND URINAL DISINFECTANT/CLEANER DIRECTIONS: Remove gross filth prior to disinfection.

From Concentrate: Add ½ fl. oz. - 1 fl. oz. to the bowl and mix. Brush over exposed surfaces and under the rim, allow to stand for 10 minutes and flush.

From Use Solution: Empty toilet bowl or urinal and apply ½ fl. oz. - 1 fl. oz. per gallon use-solution to exposed surfaces and under the rim with a cloth, mop, sponge or mechanical spray. Brush or swab thoroughly, allow to stand for 10 minutes and flush.

For Heavy Duty Use: Empty toilet bowl or urinal and apply 2 fl. oz. per gallon use-solution to exposed surfaces including under the rim with a cloth, mop, sponge or sprayer, brush or swab thoroughly, allow to stand for 10 minutes and flush.

*KILLS HIV AND HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES / OBJECTS PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS* in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces / objects with blood or body fluids, and in which the surfaces / objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS) or Hepatitis B Virus (HBV) or Hepatitis C Virus (HCV).
SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OR HBV OR HCV ON SURFACES/OBJECTS SOILED WITH BLOOD / BODY FLUIDS.

Personal protection: Clean-up must always be done wearing protective gloves, gowns, masks and eye protection.

Cleaning procedure: Blood and other body fluids containing HIV or HBV or HCV must be thoroughly cleaned from surfaces and objects before application of this product.

Contact time: Leave surface wet for 1 minute (60 seconds) for HIV-1 and 10 minutes for HBV and HCV with ½ fl. oz. - 1 fl. oz. per gallon use-solution. Use 2 fl. oz. per gallon of water to kill Adenovirus Type 5 and Type 7. Use a 10-minute contact time for disinfection against all other viruses, bacteria and fungi claimed.

Disposal of infectious material: Blood, body fluids, cleaning materials and clothing must be autoclaved and disposed of according to local regulations for infectious waste disposal.

Animal Viruses:
* Avian Influenza Virus (H3N2)
* Avian Influenza Virus (H5N1)
* Avian Infectious Bronchitis Virus
* Canine Distemper Virus
* Feline Calicivirus
* Newcastle's Disease Virus
* Pseudorabies Virus

VETERINARY PRACTICE / ANIMAL CARE / ANIMAL LABORATORY / ZOOS / PET SHOP / KENNELS

DISINFECTION / VIRUCIDAL DIRECTIONS: For cleaning and disinfecting hard nonporous surfaces: equipment used for feeding or watering animals, utensils, instruments, cages, kennels, stables, catteries. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings and manure from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of ½ fl. oz. - 1 fl. oz. of this product per gallon of water for a period of 10 minutes. Use 2 fl. oz per gallon of water to kill Adenovirus Type 5 and type 7. Wipe or allow to air dry. Immerse all animal handling and restraining equipment as well as forks, shovels, and scrapers used to remove litter and manure. Rinse all surfaces that come in contact with food, including equipment used for feeding or watering, with potable water before reuse. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Clear Yellow</td>
</tr>
<tr>
<td>Odor</td>
<td>Pine Fresh Fragrance</td>
</tr>
<tr>
<td>pH</td>
<td>13 [Conc. (% w/w): 100%] Dilut</td>
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Active Ingredients:

- Octyl decyl dimethyl ammonium chloride 6.510%
- Dioctyl dimethyl ammonium chloride 2.604%
- Didecyl dimethyl ammonium chloride 3.906%
- Alkyl (C₁₄, 50%; C₁₂, 40%; C₁₆, 10%) dimethyl benzyl ammonium chloride 8.680%

OTHER INGREDIENTS 78.300%

Total 100.000%
14 Antibacterial All Purpose Cleaner is proven effective against:

**Bacteria:**
Pseudomonas aeruginosa [Pseudomonas]
Staphylococcus aureus [Staph]
Salmonella enterica [Salmonella]
Acinetobacter baumannii
Brevibacterium ammoniagenes [Brevibacterium]
Campylobacter jejuni
Enterobacter aerogenes
Enterococcus faecalis [Enterococcus]
Enterococcus faecalis- Vancomycin Resistant [VRE]
Escherichia coli [E. coli]
ESBL Escherichia coli - [Extended spectrum beta-lactamase producing E.coli]
Klebsiella pneumoniae [Klebsiella]
Legionella pneumophilia
Pseudomonas cepacia [Pseudomonas]
Salmonella schottmuelleri [Salmonella]
Salmonella typhi [Salmonella]
Serratia marcescens [Serratia]
Shigella dysenteriae [Shigella]
Staphylococcus aureus - Methicillin-Resistant [MRSA]
Staphylococcus aureus - Multi-Drug Resistant
Staphylococcus aureus-Vancomycin Intermediate Resistant - [VISA]
Streptococcus pyogenes [Strep]
[a cause of scarlet fever]

**Viruses:**
*Adenovirus Type 5 at 1:64 dilution [2 fl. oz. per gallon of water]*
*Adenovirus Type 7 at 1:64 dilution [2 fl. oz. per gallon of water]*
*Hepatitis B Virus [HBV]*
*Hepatitis C Virus [HCV]*
*Herpes Simplex Virus Type 1*
*Herpes Simplex Virus Type 2*
*HIV-1 [AIDS Virus]*
*Human Coronavirus*
*Influenza Type A / Brazil [Influenza]*
*Norwalk Virus*
*Respiratory Syncytial Virus [RSV]*
*SARS Associated Coronavirus [SARS]*
[cause of Severe Acute Respiratory Syndrome]
*Vaccinia [Pox Virus]*

**Animal Viruses:**
*Avian Influenza virus*
*Avian Infectious Bronchitis Virus*
*Canine Distemper Virus*
*Feline Calicivirus*
*Newcastle's Disease Virus*
*Pseudorabies Virus*

**Fungi:**
Aspergillus niger
[A cause of Ringworm of the foot]
Trichophyton mentagrophytes [the Athlete's Foot Fungus]

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**REGULATORY**

EPA Registration Number: 6836-78-1677

**MICROBIOLOGY**

14 Antibacterial All Purpose Cleaner is a one-step Hospital Use disinfectant at 1:256 -1:64 (1/2 fl. oz. - 2 fl. oz. per gallon of water), bactericidal according to the current AOAC Use Dilution Test Method and Virucidal* according to the virucidal qualification modified in the presence of 400 ppm hard water plus 5% organic serum against:

**Size Available** | **Product Number**
---|---
2.5 U.S. gal / 9.46 L | 14653
2 - 2 L / 0.53 U.S. gal | 14205

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