



# AVISTAT-D™

## Ready-To-Use Spray Disinfectant Cleaner

### DESCRIPTION

This product is a general, ready-to-use cleaner and disinfectant for use in homes, hospitals, nursing homes, shower rooms, locker rooms, public restrooms, schools, food service establishments, restaurants, transportation terminals, office buildings, manufacturing facilities, lodging establishments, retail businesses and athlete/recreational facilities where housekeeping is of prime importance in controlling the hazard of cross contamination. It is formulated to disinfect hard, nonporous, inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, chrome, brass, copper, laminated surfaces, bathrooms, shower stalls, bathtubs, and cabinets. For plastic and painted surfaces, spot test on an inconspicuous area before use. Deodorizes those areas that generally are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, basements, restrooms and other areas which are prone to odors caused by microorganisms.

### PRODUCT FEATURES / BENEFITS

- One step bathroom disinfectant cleaner / Multiple activity reduces maintenance inventory costs
- Effective against MRSA, CA-MRSA, HIV-1 (Aids virus), HBV (Hepatitis B), HCV (Hepatitis C) and Mycobacterium Tuberculosis (TB) / Reduces contamination risks
- Non-acid / Will not harm personnel or ruin surfaces
- Long lasting odor / Superior deodorization
- Powerful disinfectant / Effective in presence of organic soil (5% blood serum)

### SPECIFICATIONS

Active Ingredients .....	Dual Quaternary
Color .....	Opal
Odor .....	Floral Citrus
Viscosity (cps) .....	<10
pH .....	12.2 ± 0.3
Specific Gravity (g/cc) .....	1.01 ± 0.01

### EFFICACY CLAIMS

#### VIRUCIDAL CLAIMS

- Bovine Viral Diarrhea Virus (BVDV)
- Canine Parvovirus (ATCC VR-2017)
- Feline Calicivirus (FCV)
- Hepatitis A Virus (HAV)
- Hepatitis B Virus (HBV)
- Hepatitis C Virus (HCV)
- Duck Hepatitis B Virus – BVDV
- Bovine Viral Diarrhea Virus – BVDV
- Human Immunodeficiency Virus, HTLV-IIIIF, strain of HIV-1 (associated with AIDS)
- Human Coronavirus, (ATCC VR-740, strain 229E)
- Norovirus (Norwalk Virus)
- Poliovirus Type 1, strain Brunhilde (ATCC VR-1000)
- Paramyxovirus (Mumps) (ATCC VR-1438),
- SARS Associated Coronavirus (ZeptoMetrix)
- Avian Influenza A strain H3N2 (ATCC VR-2072)
- Avian Influenza A strain H9N2 (Charles River Laboratories) (Strains H3N2 and H9N2)
- Rabies Virus (attenuated ERA strain, CDC)
- Rhinovirus Type 39 (ATCC VR-340)
- Rotavirus

#### TUBERCULOCIDAL CLAIM

- Mycobacterium bovis (BCG)

#### FUNGICIDAL CLAIM

- Aspergillus niger (ATCC 6275)
- Trichophyton mentagrophytes (ATCC 9533)

#### BACTERIOCIDAL CLAIMS

- Staphylococcus aureus (ATCC 6538)
- Salmonella choleraesuis (ATCC 10708)
- Pseudomonas aeruginosa (ATCC 15442)
- Corynebacterium ammoniagenes (ATCC 6871)
- Enterococcus faecium (ATCC 6569)
- Escherichia coli (ATCC 11229)
- Escherichia coli O157:H7 (ATCC 43895)
- Listeria monocytogenes (ATCC 35152)
- Salmonella typhi (ATCC 6839)
- Salmonella (choleraesuis) enterica, (ATCC 10708)
- Salmonella (typhi) enterica, (ATCC 6539)
- Streptococcus pyogenes
- (Necrotizing Fasciitis - Group A) (V.A. Medical Center Isolate 04001)
- Yersinia enterocolitica (ATCC 23715)
- Methicillin resistant Staphylococcus aureus (MRSA) (ATCC 33593)
- Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA), (NRS 123) Genotype USA400
- Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA), (NRS 384) Genotype USA300
- Methicillin resistant Staphylococcus epidermidis (MRSE) (ATCC 51625)
- Vancomycin resistant Enterococcus faecalis (VRE) (ATCC 51575)
- Vancomycin intermediate resistant Staphylococcus aureus (VISA) (CDC Isolate 99287)

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product is not for use on critical or semi-critical medical device surfaces.

**DISINFECTION, DEODORIZING AND CLEANING** - Remove gross filth or heavy soil prior to application of the product. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to penetrate and the surface to remain wet for 3 minutes (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 1 minute and for HBV and HCV 5 minutes).

No scrubbing is necessary. Wipe off with a clean cloth, mop or sponge. The product will not leave grit or soap scum. To disinfect food service establishment food contact surfaces: countertops, appliances, tables, hold container six to eight inches from the surface to be treated and spray area until it is covered with the solution. Allow to penetrate and remain wet for 3 minutes (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 1 minute and for HBV and HCV 5 minutes). Wipe off with a clean cloth, mop or sponge and thoroughly rinse all surfaces in the area with potable water. Heavily soiled areas must be pre-cleaned before using this product. Do not use on eating utensils, glassware and cookware.

**TUBERCULOCIDAL ACTIVITY** – This product exhibits disinfectant efficacy against Mycobacterium tuberculosis BCG at 20 degrees Centigrade when the treated surface is allowed to remain wet for 5 minutes.

**\*VIRUCIDAL ACTIVITY** – This product kills on hard, non-porous inanimate surfaces when allowed to remain wet for a 10 minute contact time against: Hepatitis A Virus (HAV), Poliovirus Type 1, Canine Parvovirus. KILLS HIV-1, HBV AND HCV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings (Hospitals, Nursing Homes) 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), Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV).

**SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS. PERSONAL PROTECTION:** When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings. **CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product. **CONTACT TIME:** Allow surface to remain wet for HBV and HCV 5 minutes, for HIV-1 1 minute. These contact times will not control other common types of viruses and bacteria. **DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

**FUNGICIDAL ACTIVITY** – This product is fungicidal against the pathogenic fungus, Trichophyton mentagrophytes (Athlete's Foot Fungus), when used with a 10 minute contact time on clean, non-porous, hard surfaces as found in bathrooms, shower stalls, locker rooms, or other areas commonly contacted by bare feet.

**EFFICACY TESTS HAVE DEMONSTRATED THAT This product IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).**

**MILDEWSTAT** - To control mold and mildew on pre-cleaned, hard, non-porous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

### SAFETY INFORMATION

**CAUTION:** KEEP OUT OF REACH OF CHILDREN. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

**FIRST AID:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**STORAGE AND DISPOSAL:** DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

Registered with the Environmental Protection Agency



DISINFECTANT



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TDS-0252-0615



# 7 Healthcare Disinfectant Neutral Cleaner

## DESCRIPTION

This product is a one-step disinfectant cleaner and deodorant designed for general cleaning, disinfecting, deodorizing, and controlling mold and mildew on hard, non-porous environmental surfaces. It cleans quickly, removing dirt, grime, mold, mildew, body oils and other common soils found in hospitals, nursing

homes, schools and colleges, day care centers, medical offices, funeral homes, hotels, motels, public areas and restrooms. This product may be used on washable hard, non-porous surfaces such as: floors, walls, glass, laminated surfaces, metal, glazed porcelain, plastic, chrome, vinyl, enameled surfaces, painted woodwork.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

This product is not for use on medical device surfaces.

FOR USE AS A GENERAL, HOSPITAL, MEDICAL DISINFECTANT, FUNGICIDE, VIRUCIDE\*, CLEANER: 1. Pre-clean heavily soiled areas. 2. Apply use solution of 0.5 oz. of this product per gal. of water to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, or mechanical spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. 3. Treated surfaces must remain wet for 10 minutes. 4. Wipe dry with a clean cloth or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. 5. Prepare a fresh solution daily or when visibly dirty.

\*KILLS HIV, HBV AND HCV ON PRE-CLEANED HARD, NON-POROUS 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 hard, non-porous 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),

Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: Wear protective latex gloves, gowns, masks and eye protection. Cleaning Procedure: Blood and other body fluids containing HIV-1, HBV & HCV must be thoroughly cleaned from hard, non-porous surfaces and objects before application of this product. Disposal of Infectious Materials: Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal. Contact Time: Allow hard, non-porous surfaces to remain wet for 10 minutes for all organisms.

TO CONTROL MOLD/MILDEW: Pre-clean heavily soiled areas. Prepare use solution by adding 0.5 oz. of this product per gal. of water. Apply use solution to hard, non-porous surfaces for 10 minutes, which will effectively inhibit the growth of mold and mildew and their odors. Repeat treatment every seven days, or more often if new growth appears.

GENERAL DEODORIZATION: To deodorize, apply 0.5 to 1 oz. of this product per gal. of water to hard, non-porous surfaces. Allow to air dry.

## SPECIFICATIONS

Color (Concentrate)..... Opal  
Color (Ready-to-Use) ..... Clear  
pH (Concentrate)..... 7.4 ± 1.0  
pH (Use Dilution) ..... 7.0 ± 1.0

Specific Gravity (g/cc)..... 1.01 ± 0.1  
Type..... Quaternary Ammonium Compound  
Odor..... Fresh, Clean (Sienna)  
Twin Power Low Flow Dilution Ratio ..... 1:256  
Twin Power High Flow Dilution Ratio ..... 1:256

## SAFETY INFORMATION

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves and protective clothing when handling. Wash

thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, aquatic invertebrates, oysters and shrimp.



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ENVIRONMENTALLY RESPONSIBLE

# HD Detergent Disinfectant

Super Concentrate

17

## DESCRIPTION

A phosphate free, multi-purpose, detergent disinfectant cleaner designed for controlling the hazard of cross contamination. This product offers exceptional cleaning properties while featuring broad spectrum disinfecting. Non-ionic & cationic

detergents, chelating agents, water softeners, and deionized water are blended together to insure effective bactericidal, fungicidal and virucidal properties in the presence of organic soil (5% blood serum). Effective against HIV-1 (associated with AIDS virus).

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This product is a phosphate free formulation designed to provide effective cleaning, deodorization and disinfection specifically for hospitals, nursing homes, schools, transportation terminals, office buildings, manufacturing facilities, lodging establishments, retail businesses and athletic/recreational facilities where housekeeping is of prime importance in controlling the hazard of cross contamination. When used as directed, this product is formulated to disinfect hard, nonporous, inanimate, environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, cabinets, tables, chairs, and telephones. For larger areas: operating rooms, patient care facilities and restrooms, this product is designed to provide both general cleaning and disinfecting. This product deodorizes those areas which generally

are hard to keep fresh smelling, such as garbage storage areas, empty garbage bins and cans, toilet bowls and other areas which are prone to odors caused by microorganisms. This product is not to be used as a terminal sterilant/ high level disinfectant on any surface or instrument that (1) is introduced directly into the human body either into or in contact with body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. **DISINFECTION** - To disinfect inanimate, hard, non-porous surfaces add 2 ounces of this product per gallon of water. Apply solution with a mop, cloth, sponge or hand pump trigger sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use. To disinfect toilet bowls: flush toilet, add 2 ounces of this product directly to the bowl water. Swab the bowl completely using a scrub brush or toilet mop, making sure to get under the rim. Let stand for 10 minutes and flush. **BACTERICIDAL ACTIVITY** - When diluted at the rate of 2 ounces per gallon of water, this product exhibits effective disinfectant activity against the organisms: *Pseudomonas aeruginosa* PRD 10, *Escherichia coli*, *Klebsiella pneumoniae*, *Salmonella schottmuelleri*, *Salmonella choleraesuis*, *Streptococcus salivarius*, *Brevibacterium ammoniagenes*, *Streptococcus faecalis*, *Shigella dysenteriae*, *Enterobacter aerogenes* and *Staphylococcus aureus*, Methicillin resistant *Staphylococcus aureus* (MRSA), *Acinetobacter baumannii*, *Eterococcus faecium*, Vancomycin resistant *Enterococcus faecalis* (VRE), and Vancomycin

intermediate resistant *Staphylococcus aureus* (VISA) and meets all requirements for hospital use. **MILDEWSTAT** - To control mold and mildew on pre-cleaned, hard, non-porous surfaces add 2 ounces of this product per gallon of water. Apply solution with a cloth, mop or sponge making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears. **FUNGICIDAL ACTIVITY** - At the 2 ounces per gallon dilution, this product is also fungicidal against the pathogenic fungi, *Trichophyton mentagrophytes*. (Athlete's Foot Fungus), when used as directed on hard surfaces found in bathrooms, shower stalls, locker rooms, exercise facilities or other clean, hard, non-porous, surfaces commonly contacted by bare feet. **\*VIRUCIDAL ACTIVITY** - This product when used on environmental, inanimate, hard, non-porous surfaces at 2 ounces per gallon of water, exhibits effective virucidal activity against influenza A2/Japan (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters), Adenovirus Type 2 (causative agent of upper respiratory infections), and Vaccinia virus (representative of the Pox virus group), Human Immunodeficiency Virus Type 1 (HIV-1), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV). **KILLS HIV-1, HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/ BODY FLUIDS** in health care settings (Hospitals, Nursing Homes) 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), Hepatitis B Virus (HBV) and Hepatitis C Virus (HCV). **SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV OF SURFACES/ OBJECTS SOILED WITH BLOOD/BODY FLUIDS.** **PERSONAL PROTECTION:** When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings.

**CLEANING PROCEDURES:** Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product. **CONTACT TIME:** Allow surface to remain wet for 10 minutes. **DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal. **EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE, IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).**

## SPECIFICATIONS

Color .....Blue  
Odor .....Citrus  
Active Ingredients .....Dual Quaternary  
pH (Concentrate) .....11.8 ± 0.3  
Specific Gravity (g/cc) .....1.04 ± 0.01

Density (lbs/gal) .....8.7 ± 0.1  
Upper Cloud .....> 130°F  
Lower Cloud .....< 33°F  
Viscosity (cps) .....< 10  
Twin Power Low Flow Dilution Ratio .....1:64  
Twin Power High Flow Dilution Ratio .....1:64

## SAFETY INFORMATION

### PRECAUTIONARY STATEMENTS:

HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

**DANGER: KEEP OUT OF REACH OF CHILDREN. CORROSIVE.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

**FIRST AID:** Have the product container or label with you when calling poison control center or doctor, or going for treatment.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

If swallowed: Call poison control center or doctor immediately for treatment advice. Have person sip glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Never give anything by mouth to an unconscious person.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**STORAGE AND DISPOSAL:** DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.

**PESTICIDE STORAGE:** Store in a dry place no lower in temperature than 50° F or higher than 120° F.

**CONTAINER DISPOSAL:** Do not reuse empty container. Wrap container and put in trash. **PESTICIDE DISPOSAL** - Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed by use according to label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.



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