

HILLYARD

NON-ACID RESTROOM DISINFECTANT/CLEANER



*Virucidal against *Adenovirus type 4, *Hepatitis B Virus (HBV), *Hepatitis C Virus (HCV), *Herpes Simplex Type 1, *Herpes Simplex Type 2, *Human coronavirus, *HIV-1 (AIDS virus), *Influenza A/Hong Kong, *Influenza (Flu Virus) in association with the organism Influenza A/Hong Kong, *Rotavirus (WA), *Respiratory Syncytial Virus (RSV), *Rubella (German Measles), *Vaccinia (Pox virus), *SARS Associated Coronavirus (cause of Severe Acute Respiratory Syndrome), (Animal Viruses:) *Avian Influenza (H5N1), *Avian polyomavirus, *Canine distemper, *Feline leukemia, *Feline picornavirus, *Infectious bovine rhinotracheitis, *Infectious bronchitis (Avian IBV), *Pseudorabies (PRV), *Rabies, *Transmissible Gastroenteritis virus (TGE.) according to the virucidal qualification, modified in the presence of 400 ppm hard water, plus 3% organic serum at a 1:64 dilution (2 ounces per gallon of water).*

Broad Spectrum Control

Non-Acid Restroom Disinfectant/Cleaner is a hospital grade disinfectant/detergent cleaner, fungicide, mildewstat, virucide*, deodorizer that cleans and controls the hazard of cross-contamination from environmental surfaces.

Non-Acid Restroom Disinfectant/Cleaner is designed specifically for use on restroom and shower room floors, walls, countertops, fixtures, and other hard surfaces where disinfecting is a must. It is specially formulated with mild surfactants and a neutral pH to provide gentle, yet effective cleaning.

Pleasant, Lingering Scent

Non-Acid Restroom Disinfectant/Cleaner contains the same fragrance as Hillyard's popular AFRC disinfectant/cleaner. The scent lingers to leave rooms smelling fresh and sanitary. The disinfectant properties of Non-Acid Restroom Disinfectant/Cleaner ensure that surfaces not only smell clean, but are properly disinfected.

Economical Dilution Rate And Versatile

Non-Acid Restroom Disinfectant/Cleaner has an economical 2 ounce per gallon dilution rate. That means one gallon of concentrate provides 65 gallons of ready-to-use solution. Non-Acid Restroom Disinfectant/Cleaner is effective in water up to 400ppm in the presence of 5% serum and can be applied with a mechanical sprayer. That means you can confidently use Non-Acid Restroom Disinfectant/Cleaner in real-world cleaning situations and get the performance you expect. Kills HBV (Hepatitis B virus) on pre-cleaned environmental surfaces.

Professional Cleaning...By The Numbers

The Arsenal line of products delivers Hillyard cleaning quality in an easy-to-dispense, easy-to-use family of products. Arsenal products are formulated for professional cleaning and are color coded with matching numbers on both the concentrated and ready-to-use container labels for easy mixing and use. Ask your Hillyard consultant about the complete line of Arsenal professional cleaning products. They are just another example of high quality from Hillyard.

Arsenal® Dispensing And Packaging Options:

Arsenal Push Button Dispenser

1 Gallon - 4 per case
Each gallon yields 65 gallons RTU (ready-to-use) product or 260 RTU qts.
1/2 Gallon - 6 per case
Each 1/2 gallon yields 130 quarts or 32.5 gallons of RTU (ready-to-use) product

Arsenal Hil-Pac® Premeasured Pouch

4 oz. Pouch - 36 per case
Each pouch yields 2 gallons of RTU (ready-to-use) product
1 oz. Pouch - 72 per case
Each pouch yields one-half gallon of RTU (ready-to-use) product

Dilution Rate:

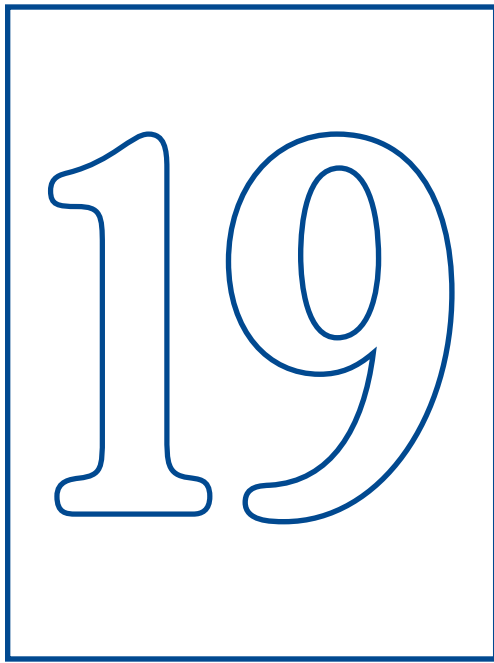
1:64 (2 oz. per gal.)

19

For use in HILLYARD ARSENAL® dilution system.

#819

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LABEL INFORMATION #819

NON-ACID RESTROOM DISINFECTANT/CLEANER

ONE-STEP DISTINFECTANT GERMICIDAL DETERGENT AND DEODORANT

Disinfectant Pseudomonacidal Staphylocidal
Salmonellacidal Bactericidal Fungicidal Mildewstatic *Virucidal

Active Ingredients:

Didecyl dimethyl ammonium chloride 2.54%

n-Alkyl (C₁₄ 50%, C₁₂ 40%, C₁₆ 10%) dimethyl benzyl ammonium chloride 1.69%

Inert Ingredients: 95.77%

Total: 100.00%

EPA Reg. No. 47371-131-1658

EPA Est. No. 1658-MO-1

A multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 400 ppm (calculated as CaCO₃) in the presence of a moderate amount of soil (5% organic serum) according to the AOAC Use-dilution Test. Disinfects, cleans, and deodorizes in one labor-saving step. **Effective against the following pathogens:** (*Bacteria:*) Pseudomonas aeruginosa¹, Staphylococcus aureus¹, Salmonella enterica, Acinetobacter calcoaceticus, Bordetella bronchiseptica, Chlamydia psittaci, Community Associated Methicillin-Resistant Staphylococcus aureus - CA-MRSA (NRS384) (USA300), Community Associated Methicillin-Resistant Staphylococcus aureus - CA-MRSA (NRS123) (USA400), Enterobacter aerogenes, Enterobacter cloacae, Enterococcus faecalis-Vancomycin Resistant (VRE), Escherichia coli¹, Fusobacterium necrophorum, Klebsiella pneumoniae¹, Legionella pneumophila, Listeria monocytogenes, Pasteurella multocida, Proteus mirabilis, Proteus vulgaris, Salmonella enteritidis, Salmonella typhi, Salmonella typhimurium, Serratia marcescens, Shigella flexneri, Shigella sonnei, Staphylococcus aureus-Methicillin resistant-(MRSA), Staphylococcus aureus-Vancomycin Intermediate Resistant-(VISA), Staphylococcus epidermidis², Streptococcus faecalis¹, Streptococcus pyogenes (Strep), (*Viruses:*) *Adenovirus type 4, *Hepatitis B Virus (HBV), *Hepatitis C Virus (HCV), *Herpes Simplex Type 1, *Herpes Simplex Type 2, *Human coronavirus, *HIV-1 (AIDS virus), *Influenza A/Hong Kong, *Influenza (Flu Virus) in association with the organism Influenza A/Hong Kong, *Rotavirus (WA), *Respiratory Syncytial Virus (RSV), *Rubella (German Measles), *Vaccinia (Pox virus), *SARS Associated Coronavirus (cause of Severe Acute Respiratory Syndrome), (*Animal Viruses:*) *Avian Influenza (H5N1), *Avian polyomavirus, *Canine distemper, *Feline leukemia, *Feline picornavirus, *Infectious bovine rhinotracheitis, *Infectious bronchitis (Avian IBV), *Pseudorabies (PRV), *Rabies, *Transmissible Gastroenteritis virus (TGE), (*Fungi:*) Aspergillus niger, Candida albicans, Trichophyton mentagrophytes. (Athlete's Foot Fungus) (a cause of Ringworm).

¹ ATCC & antibiotic-resistant strain; ² antibiotic-resistant strain only

For use in hospitals, nursing homes, schools, colleges, commercial and industrial institutions, office buildings, veterinary clinics, animal life science laboratories, zoos, federally inspected meat and poultry establishments, tack shops, pet shops, airports, kennels, hotels, motels, breeding establishments, grooming establishments, and households. Disinfects, cleans, and deodorizes the following hard, nonporous inanimate surfaces: floors, walls, (*non-medical*) metal surfaces, (*non-medical*) stainless steel surfaces, glazed porcelain, plastic surfaces (such as polypropylene, polystyrene, etc.). For use in tanning salons.

Use to clean and disinfect nonporous athletic mats, wrestling mats, gymnastic mats, exercise equipment, and training tables.

DIRECTIONS FOR USE

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

PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

DILUTION: 1:64 (660 ppm quat)

2 ounces per gallon of water

This product is not for use on medical device surfaces.

DISINFECTION / CLEANING / DEODORIZING DIRECTIONS: Remove heavy soil deposits from surface, then thoroughly wet surface with a use-solution of 2 ounces of the concentrate per gallon of water. The use-solution can be applied with a cloth, mop, sponge, or coarse spray or by soaking. For sprayer applications, use a coarse spray device. Spray 6-8 inches from the surface, rub with a brush, cloth or sponge. Do not breathe spray. Let solution remain on surface for a minimum of 10 minutes. Rinse or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Food contact surfaces must be thoroughly rinsed with potable water. This product must not be used to clean the following food contact surfaces: utensils, glassware and dishes.

BACTERICIDAL STABILITY OF USE-DILUTION: Tests confirm that Non-Acid Restroom Disinfectant/Cleaner, when diluted in 400 ppm hard water remains effective against Pseudomonas aeruginosa, Staphylococcus aureus and Salmonella enterica for up to one year when stored in a sealed container such as a spray bottle. 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.

TOILET BOWLS/URINALS: Swab bowl with brush to remove heavy soil prior to cleaning or disinfecting. Clean by applying use-solution around the bowl and up under the rim. Stubborn stains may require brushing. To disinfect, first preclean to remove heavy soil, then remove or expel over the inner trap the residual bowl water. Pour in three ounces of the diluted solution. Swab the bowl completely using a scrub brush or mop, making sure to get under rim. Let stand for 10 minutes or overnight, then flush.

FUNGICIDAL DIRECTIONS: For use in areas such as locker rooms, dressing rooms, shower and bath areas and exercise facilities follow disinfection directions.

MILDEWSTATIC INSTRUCTIONS: Will effectively control the growth of mold and mildew, plus the odors caused by them when applied to hard, non-porous surfaces such as walls, floors and table tops. Apply use-solution of 2 ounces per gallon of water with a cloth, mop, sponge or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears.

To control the growth of mold and mildew on large inflatable non-porous plastic and rubber structures (animals, promotional items, moonwalks, obstacle course play and exercise equipment): Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use solution of 2 ounces per gallon of water with a cloth, mop, sponge, or coarse spray. Make sure to wet all surfaces completely. Let air dry. Repeat application weekly or when growth reappears. Ventilate buildings and enclosed spaces. Do not use equipment until treatment has been absorbed, set or dried.

FARM PREMISE, LIVESTOCK, POULTRY & TURKEY HOUSE DISINFECTANT: 1. Remove all animals and feeds from premises, trucks, coops, crates, and enclosures. 2. Remove all litter and manure from floors, walls, and surfaces of barns, pens, stalls, chutes, vehicles, and other facilities and fixtures occupied or traversed by animals. 3. Empty all troughs, racks, and other feeding and watering appliances. 4. Thoroughly clean all surfaces with soap or detergent, then rinse with water. 5. Saturate all surfaces with the disinfecting solution for a period of 10 minutes. 6. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels and scrapers used for removing litter and manure. 7. Ventilate buildings, coops, cars, trucks, boats and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. 8. After treatment with disinfectant, thoroughly scrub feed racks, troughs, automatic feeders, fountains and waterers with soap or detergent, then rinse with potable water before reuse.

NON-ACID RESTROOM DISINFECTANT/CLEANER

TECHNICAL DATA

1. Nonvolatile matter	5.0% minimum	TEST METHODS:	
2. Color	Dark Blue	1. ASTM D2834	7. ASTM D1475
3. Odor	Floral	5. ASTM D1290	8. ASTM D56
4. Clarity	Clear	6. ASTM D1824	11. ASTM E70
5. Sediment	None		
6. Viscosity, Brookfield, 25°C	5 cps	EPA Reg. No. 47371-131-1658	EPA Est. No. 1658-MO-1
7. Weight per gallon, 25°C	8.3 lbs. (3.77 kg.)		
8. Flash point (T.C.C.)	None	0501(#819)	
9. Freezing point	29°F		
10. Freeze-Thaw stability	Stable after agitation		
11. pH, concentrate	7.2 - 8.2		
12. Germicide type	Quaternary (Two)		
13. Synthetic detergent	Present		
14. Soap	None		

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

DISINFECTION DIRECTIONS: For cleaning and disinfecting hard nonporous surfaces: equipment used for animal food or water, utensils, instruments, cages, kennels, stables, catteries, etc. 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 2 oz. of Non-Acid Restroom Disinfectant/Cleaner per gallon of water (*or equivalent dilution*) for a period of 10 minutes. Immerse all animal handling and restraining equipment as well as forks, shovels and scrapers used to remove litter and manure. Wipe or allow to air dry. Ventilate buildings and other closed spaces. Thoroughly scrub all treated surfaces that come into contact with food, including equipment used for feeding or watering, with soap or detergent and rinse with potable water before reuse. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

For Heavy Duty Cleaning and / or Odor Control: When greater cleaning is desired, use 4 – 8 oz. of Non-Acid Restroom Disinfectant/Cleaner per gallon of water. Heavily soiled areas may require repeated cleaning before treatment.

SALON (BARBER) INSTRUMENTS AND TOOLS DISINFECTION (BACTERICIDE) / VIRUCIDE / FUNGICIDE DIRECTIONS:

Mix 2 oz. of Non-Acid Restroom Disinfectant/Cleaner per gallon of water (or equivalent dilution) to disinfect hard, nonporous instruments and tools. Completely immerse combs, brushes, rollers, razors, scissors, blades, manicure and other salon instruments and tools for 10 minutes. For heavily soiled instruments and tools, a preliminary cleaning is required. Rinse thoroughly and dry before use. Prepare a fresh solution daily or more often if the solution becomes visibly diluted, cloudy or soiled.

Note: Plastics may remain immersed until ready to use. Stainless steel shears and instruments must be removed after 10 minutes, rinsed, dried and kept in a clean, non-contaminated receptacle. Prolonged soaking may cause damage to metal instruments.

*KILLS HIV-1 (AIDS VIRUS) AND HBV (HEPATITIS B VIRUS) AND HCV (HEPATITIS C VIRUS) 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/body fluids, and in which the surfaces/objects likely to be soiled with blood/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 (AIDS VIRUS) OR HBV OR HCV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:

Personal Protection: Disposable protective gloves, gowns, face masks, and eye coverings, as appropriate, must be worn during all cleaning of blood/body fluids and during decontamination procedures.

Cleaning Procedures: Blood/body fluids must be thoroughly cleaned from surfaces/objects before application of disinfectant.

Contact Time: HIV-1 (AIDS virus) is inactivated after a contact time of 4 minutes at 25°C (77°F) (room temperature). HBV and HCV are inactivated after a 10 minute contact time. Use a 10-minute contact time for other viruses, fungi, and bacteria listed.

Disposal of Infectious Materials: Blood/body fluids should be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

KEEP OUT OF REACH OF CHILDREN DANGER

PRECAUTIONARY STATEMENTS – HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. CORROSIVE. Causes irreversible eye damage. Do not get in eyes or clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Avoid contact with the skin. Harmful if inhaled. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID

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. IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. 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 treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

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

STORAGE AND DISPOSAL

Store in original container in areas inaccessible to children. Do not reuse empty container. Wrap and discard in trash or recycle. Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state.