

## 20 Neutral Disinfectant Cleaner

901158

**CLASSIFICATION:**

Neutral Disinfectant Cleaner

**SCOPE:****• Concentrated • Neutral pH • Disinfectant • Cleaner • Deodorizer**

*20 Neutral Disinfectant Cleaner* is a multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 400 ppm 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. *20 Neutral Disinfectant Cleaner* can be used in the laundry to control odors on musty bedding and linens. Test on a small inconspicuous area before using. Leaves a clean fresh scent.

**Disinfects, cleans and deodorizes the following hard nonporous inanimate surfaces:** floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, plastic surfaces (such as polypropylene, polystyrene). Use to clean and disinfect nonporous athletic mats, wrestling mats, gymnastic mats, exercise equipment and training tables. Use to clean and disinfect nonporous personal protective safety equipment, athletic helmets, and hard hats. Rinse all equipment that comes in prolonged contact with skin with warm water and allow to air dry before reuse.

*20 Neutral Disinfectant Cleaner* is effective at eliminating odors on porous surfaces such as upholstery, drapes, carpets, bedding, shower curtains, mattresses.

*See product container label for Precautionary Statements, First Aid and Storage and Disposal Information.*

Recommended for use in: Hospitals, nursing homes, schools, colleges, commercial and industrial institutions, office buildings, veterinary clinics, animal life science laboratories, zoos, pet shops, airports, kennels, hotels, motels, breeding establishments, grooming establishments, funeral homes, Bathrooms, Dental offices, Health Care Facilities, Medical Offices, Bars, Cafeterias, Convenience stores, Institutional kitchens, Restaurants, Athletic facilities, Correctional facilities, Dressing rooms, Exercise facilities, Factories, Institutional facilities, Locker rooms, Public facilities, Public rest rooms, Shower and bath areas, Airplanes, Buses, Emergency vehicles, Ships, Taxis, Trailers, Trains, Transportation terminals and elevators.

Use *20 Neutral Disinfectant Cleaner* on washable, nonporous surfaces of: exteriors of appliances, bathroom fixtures, bathtubs, cabinets, cages, chairs, coils and drain pans of air conditioning and refrigeration equipment and heat pumps, conductive flooring, counters, countertop laminates, desks, doorknobs, floors, garbage cans, highchairs, kennel runs, exteriors of microwave ovens, outdoor furniture, exteriors of refrigerators, refrigerated storage and display equipment and telephones. Other hard, nonporous surfaces made of: glazed ceramic, glazed enameled surfaces, glazed porcelain, laminated surfaces, metal, painted surfaces, plastic (such as polystyrene or polypropylene), sealed granite, sealed limestone, sealed marble, sealed slate, sealed stone, sealed terra cotta, sealed terrazzo, stainless steel, vinyl and plastic upholstery and finished woodwork. Non-critical medical devices: bed frames, bed rails, crutches, non-critical medical equipment surfaces, medical examining tables, lamps, scales, stands, stethoscopes, walkers, and wheel chairs.

DILUTION: 1:256 1/2 oz per gallon of water  
(660 ppm quat)

DILUTION: 1:128 1 oz per gallon of water  
(1320 ppm quat)

**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 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 the bloodstream or normally sterile areas of the 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. This product may be used to preclean or decontaminate critical or semicritical devices prior to sterilization or high-level disinfection.

**DISINFECTION/CLEANING/DEODORIZING:** Remove heavy soil deposits from surface. Then thoroughly wet surface with a use-solution of 1/2-1 oz. of the concentrate per gallon of water. Use 2oz to be effective against Adenovirus Type 7. The use-solution can be applied with a cloth, mop, sponge or coarse spray, or 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 *20 Neutral Disinfectant Cleaner*, when diluted in 400 ppm hard water (via use of automatic dispensing devices), remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella choleraesuis* 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 3 oz. of the use-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, nonporous surfaces such as walls, floors, and table tops. Apply use-solution of ½ -1 oz. 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.

**\*KILLS HIV-1 (AIDS VIRUS) AND HBV (HEPATITIS B VIRUS) AND HCV (HEPATITIS C VIRUS) OF PRECLEANED, 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 I (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 ON SURFACES / OBJECTS SOILED WITH BLOOD / BODY FLUIDS:**

**Personal Protection:** Disposable protective gloves, gowns, face masks, or 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 all 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.

**DISINFECTION OF HARD, NON-POROUS SURFACES IN FOOTBATHS** To remove body oils, dead tissue, soil and all other buildups or organic matter on inanimate surfaces after using the footbath, drain the water and thoroughly clean all hard, non-porous surfaces with soap or detergent, then rinse with water. Saturate surfaces with a use solution of ½-1 oz. per gallon of water to exposed surfaces with a cloth, mop, sponge or sprayer. Use 2 oz per gallon of water to kill Adenovirus Type 7. For spray applications, use a coarse spray device. Do not breathe spray. Brush or swab thoroughly and allow solution to stand for 10 minutes. After the unit has been thoroughly disinfected, rinse all surfaces with fresh water. Do not use equipment until treatment has been absorbed, set or dried.

**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 ½-1 oz. of 20 Neutral Disinfectant Cleaner per gallon of water for a period of 10 minutes. Use 2 oz per gallon of water to kill Adenovirus Type 7. 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 1-2 oz. of 20 Neutral Disinfectant Cleaner per gallon of water. Heavily soiled areas may require repeated cleaning before treatment.

**DEODORIZING DIRECTIONS: Nursing Homes, Hospitals, Hotels, Schools, Restaurants:** Using 1/2 oz. in chemical toilets, waste receptacles, bed pans, drainage bottles, diaper pails, hampers, disposals, commodes and air conditioner pans will eliminate odors.

**Mopping Solutions, Automatic Scrubbers:** Use 1/2 oz. per gallon of cleaning solution to eliminate undesirable odors.

**Laundry:** ½ oz. per load added during the final rinse cycle deodorizes all offensive odors.

**Carpets:** ½ oz. per gallon of shampoo solution eliminates odors associated with urine, vomit, and smoke. Reapply after cleaning for freshening effects. Allow to dry.

For service or additional information, call 1-800-35-CLEAN (352-5326).

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**PHYSICAL AND CHEMICAL PROPERTIES:**

<b>State</b>	Liquid		
<b>Appearance</b>	Purple (Dark)		
<b>Fragrance</b>	Floral		
<b>pH</b>	7.2-8.2 [Conc. (% w/w): 100%]		
<b>Conc. Test</b>	Volumetric, (1/2 oz/gal = 660 ppm)		
<b>Hazard Rating (HMIS)</b>	<b>Health - 3</b>	<b>Fire - 0</b>	<b>Reactivity - 0</b>

**REGULATORY CLAIMS:**

EPA Registration Number: 47371-129-1677

**MICROBIOLOGY:****20 Neutral Disinfectant Cleaner is proven effective against:****Bacteria:**

*Pseudomonas aeruginosa*<sup>1</sup>  
*Staphylococcus aureus*<sup>1</sup>  
*Salmonella choleraesuis*  
*Acinetobacter calcoaceticus*  
*Bordetella bronchiseptica*  
*Chlamydia psittaci*  
*Enterobacter aerogenes*  
*Enterobacter cloacae*  
*Enterococcus faecalis* -  
     Vancomycin Resistant (VRE)  
*Escherichia coli*<sup>1</sup>  
*Fusobacterium necrophorum*  
*Klebsiella pneumoniae*<sup>1</sup>  
*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 epidermidis*<sup>2</sup>  
*Streptococcus faecalis*<sup>1</sup>  
*Streptococcus pyogenes*  
<sup>1</sup>ATCC & antibiotic-resistant strain  
<sup>2</sup>antibiotic-resistant strain only

**Viruses:**

\*Adenovirus Type 4  
 \*Adenovirus Type 7 - at 2 oz. per gallon  
 \*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  
 \*Respiratory Syncytial Virus (RSV)  
 \*Rubella (German Measles)  
 \*SARS Associated Coronavirus (SARS)  
     (cause of Severe Acute Respiratory Syndrome)  
 \*Vaccinia (Pox virus)  
**Animal Viruses:**  
 \*Avian polyomavirus  
 \*Canine distemper  
 \*Feline leukemia  
 \*Feline picornavirus  
 \*Infectious bovine rhinotracheitis  
 \*Infectious bronchitis (Avian IBV)  
 \* Newcastle Disease  
 \*Pseudorabies (PRV)  
 \*Rabies  
 \*Transmissible gastroenteritis virus (TGE)

**Fungi:**

Aspergillus niger  
 Candida albicans  
 Trichophyton mentagrophytes  
     (Athlete's Foot Fungus)

**STABILITY & STORAGE:**

Shelf life of concentrate: 12 Months

**PACKAGING & PRODUCT NUMBERS:**

Size Available	Product Number
2 - 2 L / 0.53 U.S. gal (Oasis Pro)	14981