

ECOLAB®Department of Agriculture
STATE OF HAWAII**LICENSED****9203.430**

PERIOD 2014-2016 LIC. NO.

20 Neutral Disinfectant Cleaner

For use in:


Professional Cleaning System**14981**

Net Contents: 2 L/0.53 U.S. gal

DISINFECTANT • BACTERICIDAL • FUNGICIDAL • MILDEWSTATIC • *VIRUCIDAL**Active Ingredients:**

Didecyl dimethyl Ammonium Chloride	10.14%
n-Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆)	
Dimethyl Benzyl Ammonium Chloride	6.76%
Inert Ingredients:	83.10%
Total:	100.00%

KEEP OUT OF REACH OF CHILDREN**DANGER PELIGRO***See product reference sheet for use directions and other product information.**See First Aid and Precautionary statements on the side panel.*

EPA Reg. No. 47371-129-1677
 EPA Est. No.: 1677-CA-2 (R), 1677-MN-1 (P), 1677-TX-1 (D), 303-IN-1 (L), 1677-IL-2 (J), 1677-WV-1 (V), 1677-GA-1 (M),
 1677-CA-1 (S), 74038-NY-1 (C)
 Superscript refers to first letter of date code.

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

• 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 ADAC 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 drapes, carpets, bedding, shower curtains.

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER: CORROSIVE: Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber or chemical resistant). Harmful if inhaled. 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 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.

FOR EMERGENCY MEDICAL INFORMATION IN USA OR CANADA, CALL: 1-800-328-0026.

FOR EMERGENCY MEDICAL INFORMATION WORLDWIDE, CALL: 1-651-222-5352 (IN THE USA).

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. Measures against circulatory shock, respiratory depression and convulsion may be needed.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Open dumping is prohibited. Store in original container in areas inaccessible to children.

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 of 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.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously, and dispose of rinsate consistent with pesticide disposal instructions. Repeat two more times. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Follow pesticide disposal instructions for rinsate. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.

© 2011 Ecolab Inc. Made in U.S.A.
 All Rights Reserved 714815/5402/0611

Distributed by: Ecolab Inc.
 St. Paul, MN 55102-1390 U.S.A.

20 Neutral Disinfectant Cleaner

**KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO**

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

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, 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, and transportation terminals.

Use 20 Neutral Disinfectant Cleaner on washable hard, 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 except cushions and wood frames, 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, 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.

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 drapes, carpets, bedding, shower curtains.

DIRECTIONS FOR USE

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

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)

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 oz. of the concentrate per gallon of water. Use 2 oz. per gallon of water to kill 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 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 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 1/2 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 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 ON 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 all other viruses, fungi, and bacteria listed.

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

CLEANING AND DISINFECTING HARD NONPOROUS SURFACES ON PERSONAL PROTECTIVE EQUIPMENT (RESPIRATORS): Preclean equipment if heavily soiled to ensure proper surface contact. Add 1/2 oz. of 20 Neutral Disinfectant Cleaner to one gallon of water or equivalent. Use 2 oz per gallon of water to kill Adenovirus Type 7. Gently mix for a uniform solution. Apply solution to hard, nonporous surfaces of the respirator with brush, coarse spray device, sponge or by immersion. Thoroughly wet all surfaces to be disinfected. Treated surfaces must remain wet for 10 minutes. Remove excess solution from equipment prior to storage. Comply with all OSHA regulations for cleaning respiratory protection equipment (29 CFR 1910.134).

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 1/2 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.

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: 1/2 oz. per load added during the final rinse cycle deodorizes all offensive odors.

Carpets: 1/2 oz. per gallon of shampoo solution eliminates odors associated with urine, vomit, and smoke. Reapply after cleaning for freshening effects. Allow to dry.

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 1/2 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.

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

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 AOC Use-Dilution Test. Disinfects, cleans and deodorizes in on labor-saving step. Use 20 Neutral Disinfectant Cleaner 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.

Effective against the following pathogens:

Bacteria:

Pseudomonas aeruginosa¹
Staphylococcus aureus¹
Salmonella enterica
Acinetobacter calcoaceticus
Bordetella bronchiseptica
Chlamydia psittaci
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
Stigella flexneri
Stigella sonnei
Staphylococcus aureus -

Methicillin resistant (MRSA)
Staphylococcus aureus -

Vancomycin Intermediate Resistant (VISA)

Staphylococcus epidermidis²
Streptococcus faecalis¹
Streptococcus pyogenes

¹ATCC & antibiotic-resistant strain

²antibiotic-resistant strain only

Community Associated Methicillin-Resistant
Staphylococcus aureus (CA-MRSA) (NRS 384) (USA300)
Community Associated Methicillin-Resistant
Staphylococcus aureus (CA-MRSA) (NRS 123) (USA400)

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)
*Rotavirus (WA)
*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)



Ecolab Inc.
370 Wabasha Street N.
St. Paul, MN 55102-1390 U.S.A.