Buckeye®

PINE QUAT™

ONE-STEP DISINFECTANT GERMICIDAL DETERGENT AND DEODORANT

Disinfectant • Pseudomonadicidal • Staphylococidal • Salmonellacidal
Bactericidal • Fungicidal • Midewstatic • Viricidal

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) Protein niaribacil
Pseudomonas aeruginosa¹
Staphylococcus aureus
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) (USA302)
Enterobacter aerogenes
Enterobacter cloacae
Enterococcus faecalis - Vancomycin Resistant (VRE)
Escherichia coli
Fusobacterium necrophorum
Klebsiella pneumoniae¹
Legionella pneumophila
Listeria monocytogenes
Pasteurella multocida
Proteus vulgaris
Salmonella enteritidis
Salmonella typhi
Salmonella typhimurium
Serratia marcescens
Shigella flexneri
Shigella sonnei
Staphylococcus aureus - Methicillin-resistant - (MRSA)
Staphylococcus aureus - Vancomycin Intermediate Resistance (VISA)
Staphylococcus epidermidis²
Streptococcus faecalis
Streptococcus pyogenes (Strep)
ATCC 8 anti-bio-resistant strain
anti-bio-resistant strain only (Viruses)
Adenovirus Type 4
Adenovirus Type 7 - at 8 oz. per gallon
Hepatitis B Virus (HBV)
Hepatitis C Virus (HCV)
Herpes Simplex Virus Type 1
Herpes Simplex Virus Type 2

Active Ingredients: Dicetyl dimethyl ammonium chloride...
0.54%
n-Alkyl (C₅-C₇) 50%, C₈ 40%, C₉ 10%) dimethyl benzyl ammonium chloride...
1.69%

Inert Ingredients:...
95.87%

Total:...
100.00%

KEEP OUT OF REACH OF CHILDREN

(See side panel for Precautionary Statements and Final Adu)

EPA Reg. No. 47371-131-559
EPA Est. No. 559-MO-1

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For use in hospitals, nursing homes, schools, colleges, universities, commercial and industrial institutions, office buildings, veterinary clinics, animal life science laboratories, zoos, truck shops, pet shops, airports, kennels, hotels, motels, breeding establishments and grooming establishments. 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, acrylic, etc. Use to clean and disinfect nonporous athletic mats, wrestling mats, gymnastic mats, exercise equipment and training tables. For use in tanning salons, on tanning beds and tanning equipment.

Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).

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 INGLÉS, PREGUNTA A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

DILUTION (1:64)
2 ounces per gallon of water (660 ppmquat)

This product is not for use on medical device surfaces.

DISINFECTION / CLEANING / DEODORIZING DIRECTIONS: Remove heavy soil deposits from surfaces, then thoroughly wet surface with a use-solution of 2 ounces of the concentrate per gallon of water. (Use 8 oz. of product to gallon of water to kill Adenovirus Type 7). The use-solution can be applied with a cloth, mop, sponge, or coarse spray or by using a sprayer. 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 dry air dry. Rinse 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 BUCKEYE SANICARE PINE QUAT, 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.

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 2 ounces per gallon of water with a cloth, mop, sponge, or coarse spray. Make sure to wet all surfaces completely. Let dry air dry. Repeat application weekly on clean work areas.

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

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, caters, etc. Remove all animals and food 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 apparatuses. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a use-solution of 2 oz. of BUCKEYE SANICARE PINE QUAT per gallon of water (or equivalent dilution) for a period of 10 minutes. (Use 8 oz. of product to gallon of water to kill Adenovirus Type 7). Inspect all animal handling and restraining equipment as well as forks, shovels and scrapers used to remove litter and manure. Wipe or allow to dry 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 use. 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 BUCKEYE SANICARE PINE QUAT per gallon of water. Heavily soiled areas may require repeated cleaning before treatment.
KILLS HIV-1 (AIDS VIRUS) AND HBV (HEPATITIS B VIRUS) AND HCV (HEPATITIS C VIRUS) ON 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 manmade 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.

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 for treatment.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. For medical emergencies only, call 800-303-0441. Outside North America call 651-632-8956.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

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

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

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsates is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instruction, 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. Then offer for recycling if available or puncture and dispose in sanitary landfill or by other procedures approved by state and local authorities. Triple rinses 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. If not triple rinsed, these containers are acute hazardous wastes and must be disposed in accordance with local, state, and federal regulations.