

For use in hospitals and nursing homes as a disinfectant. Use in schools, colleges, universities, commercial and industrial institutions, office buildings, veterinary clinics, animal life science laboratories, zoos, tack 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).

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

DIRECTIONS FOR USE

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

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

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. (Use 8 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 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.

For Human Coronavirus, treated surfaces must remain wet for 1 minute. Wipe dry with a clean cloth, sponge or mop or allow to air dry.

For Influenza Virus Type A, treated surfaces must remain wet for 2 minutes. Wipe dry with a clean cloth, sponge or mop or allow to air dry.

BACTERICIDAL STABILITY OF USE-DILUTION: Tests confirm that **BUCKEYE SANICARE PINE QUAT**, when diluted in 200 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.

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 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.

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 **BUCKEYE SANICARE PINE QUAT** per gallon of water (or equivalent dilution) for a period of 10 minutes. (Use 8 oz per gallon of water to kill Adenovirus Type 7). 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 **BUCKEYE SANICARE PINE QUAT** per gallon of water. Heavily soiled areas may require repeated cleaning before treatment.



PINE QUAT™

ONE-STEP DISINFECTANT GERMICIDAL DETERGENT AND DEODORANT

Disinfectant • Pseudomonacidal • Staphylocidal • Salmonellacidal
Bactericidal • Fungicidal • Mildewstatic • Virucidal

A multi-purpose, neutral pH, germicidal detergent and deodorant effective in hard water up to 200 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:	<i>Staphylococcus aureus</i>	**Flu Virus (in association with the organism Influenza A Virus/ Hong Kong)
<i>Pseudomonas aeruginosa</i> ¹	- Community Associated Methicillin-Resistant (CA-MRSA) (NRS384) (USA300)	*Respiratory Syncytial Virus (RSV)
<i>Staphylococcus aureus</i> ¹	<i>Staphylococcus aureus</i> - Community Associated Methicillin-Resistant (CA-MRSA) (NRS123) (USA400)	*Rotavirus (WA)
<i>Salmonella enterica</i>	<i>Staphylococcus aureus</i> -Methicillin resistant - (MRSA)	*Rubella (German Measles)
<i>Acinetobacter calcoaceticus</i>	<i>Staphylococcus aureus</i> -Vancomycin Intermediate Resistant - (VISA)	* SARS Associated Coronavirus (SARS) (cause of Severe Acute Respiratory Syndrome)
<i>Bordetella bronchiseptica</i>	<i>Staphylococcus aureus</i> -Vancomycin Resistant (VRE)	*Vaccinia (Pox virus)
<i>Chlamydia psittaci</i>	<i>Escherichia coli</i> ¹	Animal viruses:
<i>Enterobacter aerogenes</i>	<i>Escherichia coli</i> - NDM-1	*Avian H5N1
<i>Enterobacter cloacae</i>	<i>Fusobacterium necrophorum</i>	*Avian polyomavirus
<i>Enterobacter cloacae</i> - NDM-1	<i>Klebsiella pneumoniae</i> ¹	*Canine distemper
<i>Enterococcus faecalis</i> - Vancomycin Resistant (VRE)	<i>Klebsiella pneumoniae</i> - NDM-1	*Feline coronavirus
<i>Escherichia coli</i> ¹	<i>Legionella pneumophila</i>	*Feline leukemia
<i>Escherichia coli</i> - NDM-1	<i>Listeria monocytogenes</i>	*Infectious bronchitis (Avian IBV)
<i>Fusobacterium necrophorum</i>	<i>Pasteurella multocida</i>	*Newcastle Disease
<i>Klebsiella pneumoniae</i> ¹	<i>Proteus mirabilis</i>	*Pseudorabies
<i>Klebsiella pneumoniae</i> - NDM-1	<i>Proteus vulgaris</i>	*Rabies
<i>Legionella pneumophila</i>	<i>Salmonella enteritidis</i>	Fungi:
<i>Listeria monocytogenes</i>	<i>Salmonella typhi</i>	<i>Aspergillus niger</i>
<i>Pasteurella multocida</i>	<i>Salmonella typhimurium</i>	<i>Candida albicans</i>
<i>Proteus mirabilis</i>	<i>Serratia marcescens</i>	<i>Trichophyton mentagrophytes</i>
<i>Proteus vulgaris</i>	<i>Shigella flexneri</i>	(Athlete's Foot Fungus) (a cause of Ringworm of the foot)
<i>Salmonella enteritidis</i>	<i>Shigella sonnei</i>	
<i>Salmonella typhi</i>	Active Ingredients:	
<i>Salmonella typhimurium</i>	Didecyl dimethyl ammonium chloride.....2.54%	
<i>Serratia marcescens</i>	n-Alkyl (C ₁₄ 50%, C ₁₂ 40%, C ₁₆ 10%) dimethyl benzyl ammonium chloride.....1.69%	
<i>Shigella flexneri</i>	Inert Ingredients:.....95.77%	
<i>Shigella sonnei</i>	Total:.....100.00%	

KEEP OUT OF REACH OF CHILDREN DANGER

(See side panel for Precautionary Statements and First Aid)

EPA Reg. No. 47371-131-559

EPA Est. No. 559-MO-1

NET CONTENTS - 55 gallons

Buckeye International, Inc.

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***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 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 Instruction 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 on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if inhaled. Avoid breathing vapor or spray mist. 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.

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. 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: 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.