

This product is formulated for use on hard, non-porous surfaces such as: Walls, floors, counters, stovetops, sinks, exterior surfaces of appliances, tables, chairs, desks, telephones, doorknobs, toilets, glazed porcelain, and glazed tile.

**DISINFECTION PERFORMANCE IN INSTITUTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions) AND NON-MEDICAL FACILITIES (Schools, Restaurants, Food Services and Other Non-Medical Facilities):** This product is effective against: Extended Spectrum B-Lactamase-ESBL *Escherichia coli*, Tetracycline Resistant *Escherichia coli*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Pseudomonas aeruginosa*, *Pseudomonas capacia*, *Salmonella enterica*, *Salmonella typhi*, *Staphylococcus aureus*, *Staphylococcus aureus* sub species aureus, Community Associated Methicillin Resistant *Staphylococcus aureus*, Methicillin Resistant *Staphylococcus aureus* CA-MRSA, *Staphylococcus epidermidis*, Antibiotic resistant *Staphylococcus epidermidis*, *Streptococcus pneumoniae* Penicillin Resistant, Vancomycin Resistant *Enterococcus faecalis*-VRE, Vancomycin Intermediate Resistant *Staphylococcus aureus*-VISA, *Vibrio cholera*.

**VIRUCIDAL\* PERFORMANCE:** This product is effective against: Avian Influenza A H3N2 virus, Avian Influenza A H5N1 virus, Cytomegalovirus, SARS-associated Coronavirus, Hepatitis B Virus, Hepatitis C Virus, Herpes Simplex Virus Type 1, Herpes Simplex Virus Type 2, Human Coronavirus, Human Immunodeficiency Virus type 1- HIV 1, Influenza A virus, Influenza A H1N1 virus, Respiratory syncytial virus.

**ANIMAL PREMISE VIRUCIDAL\* PERFORMANCE:** This product is effective against: Avian Influenza A H5N1 virus, Avian Influenza A H3N2 virus, Canine Coronavirus, Canine Parvovirus (CPV) (16 oz. per gallon), Canine Distemper virus, Feline Picornavirus, Infectious Bovine Rhinotracheitis virus, Mice Parvovirus (16 oz. per gallon), Porcine Parvovirus (16 oz. per gallon), Pseudorabies virus, Rabies (16 oz per gallon), Swine Influenza A H1N1 virus, Transmissible Gastroenteritis virus.

**FUNGICIDAL PERFORMANCE:** This product is effective against: *Candida albicans*, *Trichophyton mentagrophytes* - (athlete's foot fungus).

**MILDEWICIDAL PERFORMANCE:** This product is effective against: *Aspergillus niger*.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Before using this product, food products and packaging materials must be removed from the room or carefully protected. Do not use this product to clean, sanitize or disinfect utensils, glassware, dishes or interior surfaces of appliances.

Prior to use of this product, cover or remove all food and packaging material before disinfection and remove all animals and feeds from premises, animal transportation vehicles, and enclosures. Remove all litter, droppings and manure from floors, walls and surfaces of barns, pens, stalls, chutes and other surfaces of facilities and fixtures occupied or traversed by poultry or other animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap and detergent and rinse with water. Do not use in milking stalls, milking parlors or milk houses.

**DISINFECTION/VIRUCIDAL\*/FUNGICIDAL/MOLD AND MILDEW PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES:** Add 4 ounces of this product to 1 gallon of water (or equivalent use dilution).

For heavily soiled areas, a preliminary cleaning is required. Apply use solution to hard non-porous surfaces with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device, hand pump, coarse pump, or trigger spray device, or by immersion so as to thoroughly wet surfaces. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray.

Immerse all halters and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure in the use solution. After application, ventilate buildings, coops and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated feed racks, troughs, automatic feeders, fountains and waterers and other treated equipment which can contact food or water with soap and detergent, and rinse with potable water before reuse.

Rub with brush, cloth, mop, or sponge. Treated surfaces must remain wet for 10 minutes. Allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Rinse all treated surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.



# PINE PLUS

## NEUTRAL QUAT DISINFECTANT

Cleaner, Detergent, Fungicide, Mildewstat, Virucide\* and Deodorizer for Hospitals, Nursing Homes, Food Service, Commercial, Institutional, Industrial, Veterinary, Restaurant, Food Handling and Process Areas. This product is a no-rinse neutral pH disinfectant cleaner that disinfects, cleans and deodorizes in one labor-saving step. \*Kills Pandemic 2009 H1N1 influenza A virus formerly called swine flu.

**ACTIVE INGREDIENTS:**

Didecyl Dimethyl Ammonium Chloride	1.268%
n-Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride	0.845%
<b>INERT INGREDIENTS:</b>	97.887%
<b>TOTAL</b>	100.000%

E.P.A. Reg. No. 10324-157-57818 E.P.A. Est. No. 57818-TX-001

### KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

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

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

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

**DANGER: IF YOU CANNOT READ ENGLISH, ASK YOUR SUPERVISOR TO EXPLAIN THE APPROPRIATE DIRECTIONS FOR USE BEFORE WORKING WITH THIS PRODUCT.**

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

**KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. 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.

**ENVIRONMENTAL HAZARD:** This pesticide is toxic to fish, aquatic invertebrates, oysters, and shrimp. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not mix with oxidizers, anionic soaps and detergents. Do not use or store near heat or open flame.

**FOR DISINFECTING HARD, NON-POROUS SURFACES AGAINST AVIAN INFLUENZA A (H5N1) (H3N2) INFLUENZA A (H1N1) VIRUS:** For use in hospitals, hotels, motels, schools, animal premises, and other animal use sites, follow the **DISINFECTION/VIRUCIDAL\*/FUNGICIDAL/MOLD AND MILDEW PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES** directions.

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 can be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

**\*KILLS HIV, HBV AND HCV 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 hard non-porous surfaces/objects with blood or body fluids and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS), Hepatitis B Virus (HBV), and Hepatitis C Virus (HCV).

**\*SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS:** Personal Protection: Clean up must always be done wearing protective latex gloves, gowns, masks and eye protection. **Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from hard nonporous surfaces and objects before application of this product. **Disposal of Infectious Materials:** Blood and other body fluids, cleaning materials and clothing must be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal. **Contact Time:** Leave hard nonporous surfaces wet for 10 minutes.

**NON-ACID TOILET BOWL DISINFECTANT/CLEANER DIRECTIONS**

**FROM CONCENTRATE:** Remove gross filth prior to disinfection. Add 4 ounces of this product directly into the toilet bowl and mix. Brush thoroughly over exposed surfaces and under the rim with a brush, cloth, mop, sponge, auto scrubber, mechanical spray device, hand pump, coarse pump, or trigger spray device. Repeat and allow solution to stand for 10 minutes and flush. Change cloth, sponge or towels frequently to avoid redeposition of soil. **FOR USE AS A GENERAL CLEANER AND/OR DEODORIZER:** Apply ½ - 1 oz of use solution to surfaces. Wipe up excess liquid. For heavy-duty use, add 2 ounces of use solution to clean surfaces.

### STORAGE AND DISPOSAL

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

**CONTAINER HANDLING/PESTICIDE STORAGE:** Store only in original container. Do not reuse empty container. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

**RESIDUE REMOVAL:** Triple rinse as follows: Fill the container ¼ full with water and reclose. Agitate vigorously and drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat two more times. Wrap container and put in trash or offer for recycling if available.

**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:** Non-refillable container. Do not reuse this container to hold materials other than pesticides or diluted pesticides. Offer for recycling if available or puncture and dispose in a sanitary landfill, or by other procedures approved by state and local authorities. Follow Pesticide Disposal instructions.

Product # 9688 lot # 412131 Sold by:  
2950 Mowery Road, Houston, Texas 77045 (713) 413-9700  
Net Contents 1 Gallon (unless checked otherwise)  
☐ 5 Gallons



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