



# PacRite® 2-Quat Plus

## POSTHARVEST

**Disinfectant • Cleaner • Detergent • \*Virucide • Mildewstat (on hard inanimate surfaces) • Deodorizer**

**ACTIVE INGREDIENTS:**

n-Alkyl (60% C<sub>14</sub>, 30% C<sub>16</sub>, 5% C<sub>12</sub>, 5% C<sub>18</sub>) dimethyl benzyl ammonium chlorides . . . . . 4.5%  
 n-Alkyl (68% C<sub>12</sub>, 32% C<sub>14</sub>) dimethyl ethylbenzyl ammonium chlorides . . . . . 4.5%

**INERT INGREDIENTS:** . . . . . 91.0%  
 Total . . . . . 100.0%

EPA Reg. No. 1839-81-64864 EPA Est. No. 49292-WA-01

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

<b>FIRST AID</b>	
Have the product container or label with you when calling a poison control center or doctor, or going in for treatment	
If in eyes	<ul style="list-style-type: none"> <li>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.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If swallowed	<ul style="list-style-type: none"> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>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.</li> </ul>
If inhaled	<ul style="list-style-type: none"> <li>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</li> <li>Call a poison control center or doctor for further treatment advice</li> </ul>
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

PacRite® 2-Quat Plus is a phosphate free formulation designed to provide effective cleaning, deodorization, sanitization and disinfection specifically for food processing plants and manufacturing facilities where housekeeping is of prime importance in controlling the hazard of cross contamination. PacRite® 2-Quat Plus, when used as directed, is formulated to disinfect the following hard non-porous inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, and plastic surfaces.

PacRite® 2-Quat Plus has been cleared by the FDA in 40CFR Section 180.940 for use as a sanitizer on food processing equipment, utensils, and other food contact articles at a concentration of 200 ppm active quaternary without requiring a Potable Water Rinse.

**DIRECTIONS FOR USE**

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

**DISINFECTION** - To disinfect inanimate, hard, non-porous surfaces add 1-2 ounces of PacRite® 2-Quat Plus per gallon of water. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove excess liquid.

For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution for each use.

**To disinfect food processing premises:** Before using this product, food products and packaging materials must be removed from the area or carefully protected. For floors, walls, and storage areas, add 1 ounce of PacRite® 2-Quat Plus per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Apply solution with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer so as to wet all surfaces thoroughly. Allow to remain wet for 10 minutes, then remove

excess liquid. After use, all surfaces in the area must be thoroughly rinsed with potable water.

**BACTERICIDAL ACTIVITY** - When diluted at the rate of 1-2 ounces per gallon of water, PacRite® 2-Quat Plus exhibits effective disinfectant activity against the organisms: Pseudomonas aeruginosa PRD 10, Escherichia coli, Klebsiella pneumoniae, Salmonella (schottmuelleri) enterica, Salmonella (choleraesuis) enterica, Streptococcus salivarius, Brevibacterium ammoniagenes, Streptococcus faecalis, Shigella dysenteriae, Enterobacter aerogenes, Staphylococcus aureus, Streptococcus pyogenes (Clinical-Flesh Eating Strain Bird M3), Vancomycin intermediate resistant Staphylococcus aureus (VISA), and Methicillin resistant Staphylococcus aureus (MRSA).

**\*VIRUCIDAL ACTIVITY** – PacRite® 2-Quat Plus, when used on environmental, inanimate, hard, non-porous surfaces at 1-2 ounces per gallon of water, exhibits effective virucidal activity against Influenza A2/Japan (representative of the common flu virus), Herpes Simplex Type 1 (causative agent of fever blisters), Adenovirus Type 2 (causative agent of upper respiratory infections), Vaccinia virus (representative of the Pox virus group), Bovine Viral Diarrhea Virus (BVDV), Human Coronavirus (ATCC VR-740, Strain 229E), Norovirus (Norwalk Virus), Feline Calicivirus, SARS Associated Coronavirus, Porcine Respiratory & Reproductive Syndrome Virus (PRRSV) (Strain NVSL) and Avian Influenza A.

**MILDEWSTAT** - To control mold and mildew on pre-cleaned, hard, non-porous surfaces, add 1 ounce of PacRite® 2-Quat Plus per gallon of water. Apply solution with a cloth, mop, sponge, hand pump trigger sprayer or low pressure coarse sprayer making sure to wet all surfaces completely. Let air dry. Prepare a fresh solution for each use. Repeat application at weekly intervals or when mildew growth appears.

**GENERAL CLEANING** – Apply PacRite® 2-Quat Plus to soiled area with a mop, cloth, sponge, hand pump trigger sprayer or low pressure coarse sprayer. PacRite® 2-Quat Plus can be diluted at 1-2 ounces per gallon or applied at full strength. Thoroughly wet soiled surface and scrub as necessary.

**DEODORIZATION** - To deodorize, apply PacRite® 2-Quat Plus as indicated under the heading DISINFECTION.

**SANITIZATION** - For use in food processing plants. When used as directed, PacRite® 2-Quat Plus is an effective sanitizer against Escherichia coli and Staphylococcus aureus.

When used for sanitization of previously cleaned food equipment or food contact items, limit active quaternaries to 200 ppm. NO POTABLE WATER RINSE IS REQUIRED. This product is an effective sanitizer when diluted in water up to 250 ppm hardness (as CaCO<sub>3</sub>).

At 1 ounce per 3.5 gallons of water, PacRite® 2-Quat Plus eliminates 99.999% of Escherichia coli and Staphylococcus aureus in 60 seconds in 250 ppm water hardness (as CaCO<sub>3</sub>) in accordance with the AOAC Germicidal and Detergent Sanitizing Action of Disinfectants test.

**DIRECTIONS FOR SANITIZING FOOD PROCESSING EQUIPMENT, UTENSILS, AND FOOD CONTACT ARTICLES REGULATED BY 40CFR sec 180.940.**

- Scrape, flush or pre-soak articles (whether mobile or stationary) to remove gross food particles and soil.
- Thoroughly wash articles with an appropriate detergent or cleaner.



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3. Rinse articles thoroughly with potable water.
4. Sanitize articles using a solution of 1 ounce of PacRite® 2-Quat Plus per 3.5 gallons of water (or equivalent dilution) (200 ppm active quaternary). Articles that can be immersed in use-solution should remain in solution for 60 seconds. Articles too large for immersion should be thoroughly wetted by rinsing, spraying or swabbing.
5. Remove immersed items from use-solution to drain and then air dry. Non-immersed items should also be allowed to air dry.

**Storage Tank Sanitizer Directions:** For sanitizing citrus and food processing storage and holding tanks. Thoroughly wash surfaces with a compatible detergent or cleaner, then rinse thoroughly with potable water. Prepare a solution of 1 ounce of PacRite® 2-Quat Plus per 3.5 gallons of water (or equivalent use dilution) (200 ppm active quaternary) for mechanical or automated systems. Allow surfaces to remain wet for at least 60 seconds. Drain thoroughly before reuse. No rinse required. For mechanical operations or automated systems, the used sanitizing solution may not be reused for sanitizing.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER. KEEP OUT OF REACH OF CHILDREN. CORROSIVE.** Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, and protective clothing. Harmful if swallowed. Remove and wash contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. 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. Contains no phosphorus.

## STORAGE AND DISPOSAL

**DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL.**

**PESTICIDE STORAGE** - Store in a dry place no lower in temperature than 50°F or higher than 120°F.

**CONTAINER DISPOSAL** - Non-refillable container. Do not refill or reuse container. Triple rinse as follows: Fill container 1/4 full with water. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

**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.

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## Net Contents:

**55 gallons (208 Liters)**



## Distributed By:

**Pace International** LLC

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