

Use KAYQUAT® II on washable hard, nonporous surfaces of: countertops, cooking utensils, eating utensils, glassware, floors, highchairs, tables (non-wooden picnic tables), and walls.

KAYQUAT® II is a concentrated one-step disinfectant that is effective against a broad spectrum of bacteria, is virucidal\*, fungicidal and eliminates odor-causing bacteria when used as directed.

As a disinfectant, KAYQUAT® II kills: *Brevibacterium ammoniagenes*, *Campylobacter jejuni*, *Escherichia coli*, *Escherichia coli pathogenic strain O157:H7*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Pseudomonas cepacia*, *Salmonella enterica*, *Salmonella typhi*, *Staphylococcus aureus*, *Staphylococcus aureus - Community Associated Methicillin-Resistant [CA-MRSA] [NRS123] [USA400]*, *Staphylococcus aureus - Methicillin-Resistant [MRSA]*, *Yersinia enterocolitica*, \*Adenovirus Type 5, \*Adenovirus Type 7, \*Hepatitis B Virus (HBV), \*Herpes Simplex Virus Type 1 (Herpes), \*Herpes Simplex Virus Type 2 (Herpes), \*Human Coronavirus, \*Human Immunodeficiency Virus Type 1 (HIV-1) (AIDS Virus), \*Influenza A2 / Hong Kong [Flu] Virus, \*Norovirus-Feline Calicivirus, \*SARS Associated Human Coronavirus, \*Vaccinia Virus, *Aspergillus niger*

KAYQUAT® II is an effective sanitizer at 150 ppm active quat for use on food contact surfaces in 400 ppm hard water against: *Escherichia coli* and *Staphylococcus aureus*

KAYQUAT® II is an effective sanitizer at 200 ppm active quat for use on food contact surfaces in 500 ppm hard water against: *Campylobacter jejuni*, *Escherichia coli*, *Escherichia coli O157:H7*, *Klebsiella pneumoniae*, *Listeria monocytogenes*, *Salmonella enterica*, *Shigella sonnei*, *Staphylococcus aureus*, *Staphylococcus aureus - Community Associated Methicillin-Resistant [CA-MRSA] [NRS384] [USA300]*, *Staphylococcus aureus - Community Associated Methicillin-Resistant [CA-MRSA] [NRS123] [USA400]*, *Staphylococcus aureus - Methicillin-Resistant [MRSA]*, *Yersinia enterocolitica*, *Vibrio cholerae*

**DILUTION:** Disinfection (1:213)...3 oz. per 5 gallons of water [450 ppm active quat]  
Sanitizer (1:256).....½ oz. per gallon of water [2½ oz. per 5 gallons of water] [400 ppm active quat]  
Sanitizer (1:512).....¼ oz. per gallon of water [1¼ oz. per 5 gallons of water] [200 ppm active quat]  
Sanitizer (1:640).....⅓ oz. per gallon of water [1 oz. per 5 gallons of water] [150 ppm active quat]

#### DIRECTIONS FOR USE

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

#### DISINFECTION / VIRUCIDAL\* / FUNGICIDAL / MOLD AND MILDEW CONTROL DIRECTIONS:

Add 3 oz. of KAYQUAT® II per 5 gallons of water or equivalent dilution to disinfect hard, nonporous surfaces.

Before use in federally inspected meat and poultry food processing plants and dairies, food products and packaging materials must be removed from the room or carefully protected.

Apply use-solution with a cloth, mop, sponge, sprayer or by immersion, thoroughly wetting surfaces.

For sprayer applications, use a coarse spray device. Spray 6-8 inches from surface; rub with brush, sponge or cloth. Do not breathe spray.

**NOTE:** For spray applications, cover or remove all food products.

Treated surfaces must remain wet for 10 minutes. 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.

Rinse food contact surfaces such as counter tops, tables, picnic tables, exteriors of appliances and/or stove tops with potable water prior to reuse. Do not use on glasses, dishes or utensils as a disinfectant.

For heavily soiled areas, a preliminary cleaning is required.

For mold and mildew, 3 oz. of KAYQUAT® II per 5 gallons of water or equivalent dilution will effectively inhibit the growth of mold and mildew and the odors caused by them when applied to hard, nonporous surfaces. Follow disinfection instructions. Repeat treatment every seven days, or more often if new growth appears.

\*KILLS HIV AND HBV ON PRE-CLEANED 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 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) or Hepatitis B Virus (HBV).

#### SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 OR HBV ON SURFACES / OBJECTS SOILED WITH BLOOD / BODY FLUIDS:

**PERSONAL PROTECTION:** Clean up must always be done wearing protective gloves, gowns, masks and eye protection.

**CLEANING PROCEDURE:** Blood and other body fluids containing HIV-1 or HBV must be thoroughly cleaned from surfaces and objects before application of KAYQUAT® II.

**CONTACT TIME:** Leave surfaces wet for 10 minutes with a 3 oz. per 5 gallons of water use solution or equivalent dilution.

**DISPOSAL OF INFECTIOUS MATERIAL:** Blood, body fluids, cleaning materials and clothing must be autoclaved and disposed of according to local regulations for infectious waste disposal.

#### TO SANITIZE FOOD CONTACT SURFACES, FOOD PROCESSING EQUIPMENT AND OTHER HARD SURFACES IN FOOD PROCESSING LOCATIONS, DAIRIES, RESTAURANTS AND BARS IN A THREE COMPARTMENT SINK:

For sanitizing hard non-porous surfaces of food processing equipment, dairy equipment, food utensils, dishes, silverware, glasses, sink tops, countertops, refrigerated storage and display equipment and other hard nonporous surfaces.

Prior to application, remove gross food particles and soil by a pre-flush, or pre-scrape and, when necessary, pre-soak. Then thoroughly wash or flush objects with a good detergent or compatible cleaner, followed by a potable water rinse before application of the sanitizing solution.

Articles too large for immersing, apply a use-solution of 0.20-0.50 oz. of KAYQUAT® II per gallon of water (150-400 ppm active quat) or equivalent dilution to pre-cleaned hard surfaces thoroughly wetting surfaces with a cloth, mop, sponge, or coarse sprayer. Surfaces must remain wet for at least one minute followed by adequate draining and air drying. Do not rinse.

Immerse pre-cleaned glassware, dishes, silverware, cooking utensils and other similar size food processing equipment in a solution of 0.20-0.50 oz. of KAYQUAT® II per gallon of water (150-400 ppm active quat) or equivalent dilution for at least 60 seconds. Drain thoroughly and allow to air dry before reuse. Do not rinse.

Prepare a fresh sanitizing solution daily or more often if the use solution becomes diluted or soiled. For mechanical applications, use-solution may not be reused for sanitizing applications but may be reused for other purposes such as cleaning. Apply to sink tops, counter tops, refrigerated storage and display equipment and other stationary surfaces by cloth, sponge, brush, or coarse spray.

#### TO SANITIZE NON-FOOD CONTACT SURFACES:

Add ¼ oz. of KAYQUAT® II per gallon of water or equivalent dilution to sanitize pre-cleaned hard, nonporous surfaces. Apply sanitizer use-solution with a cloth, mop, sponge, sprayer or by immersion, thoroughly wetting surfaces.

For sprayer applications, use a coarse spray device. Spray 6-8 inches from surface; rub with brush, sponge or cloth. Do not breathe spray.

**NOTE:** For sprayer applications, cover or remove all food products.

Treated surfaces must remain wet for 1 minute. Wipe dry with a sponge, mop or cloth or allow to air dry.

Prepare fresh solution daily or more often if solution becomes visibly diluted, cloudy or soiled.

#### WISCONSIN STATE BOARD OF HEALTH

#### DIRECTIONS FOR EATING ESTABLISHMENTS

1. Scrape and pre-wash utensils and glasses whenever possible.
2. Wash with a good detergent or compatible cleaner.
3. Rinse with potable water.
4. Sanitize in a solution of 0.25-0.50 oz. of KAYQUAT® II per gallon of water. Immerse all utensils for at least two minutes or for contact time specified by governing sanitary codes.
5. Place sanitized utensils on a rack or drain board to air-dry.
6. Prepare a fresh sanitizing solution at least daily or when visibly soiled or diluted.

**NOTE:** A clean potable water rinse following sanitization is not permitted under HFS 196, Appendix 7-204.11 of the Wisconsin Administrative Code (reference 40 CFR 180.940 (a)).

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# KAYQUAT® II

## Disinfectant - Sanitizer - Fungicide - Virucide\* - Deodorizer

#### ACTIVE INGREDIENTS:

Octyl decyl dimethyl ammonium chloride .....	3.00%
Dioctyl dimethyl ammonium chloride .....	1.20%
Didecyl dimethyl ammonium chloride .....	1.80%
Alkyl (C <sub>14</sub> , 50%; C <sub>12</sub> , 40%; C <sub>16</sub> , 10%) dimethyl benzyl ammonium chloride .....	4.00%
<b>OTHER INGREDIENTS .....</b>	<b>90.00%</b>
<b>TOTAL .....</b>	<b>100.00%</b>



Department of Agriculture  
STATE OF HAWAII

LICENSED

PERIOD 2015-2017 LIC. NO.

9553.47

EPA REG. NO. 6836-266-5389  
EPA EST. NO. 5389-NC-1(G), 58046-TX-2(X)  
Superscript refers to first letter of the date code.

1 US gal (3.8 L)

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin, or on clothing. Harmful if swallowed or absorbed through the skin. Wear protective eyewear (goggles, face shield or safety glasses), protective clothing and protective gloves (rubber, chemical resistant) when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated 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.

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.

**Medical Emergency:** (877) 231-2615 or call collect 0 (952) 853-1713

## 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.



Distributed by:  
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821254-03  
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