

Pathogenic Fungi
Trichophyton mentagrophytes

Environmental Fungi
Aspergillus candidus

Aspergillus niger
Penicillium chermesinum
Penicillium oxalicum
Penicillium spinulosum
Ulocladium sp.

Antibiotic Resistant Gram Negative Bacteria
Pseudomonas aeruginosa (Sulfa, Cefatoxime, Nitrofurantoin, Tetracycline, Amikacin, Ampicillin, Cephalothin and Bactine Resistant)
Escherichia coli (Ampicillin Tetracycline, Penicillin and Sulfa Resistant)
Klebsiella oxytoca (Ampicillin, Sulfanilamide and Tetracycline Resistant)
Klebsiella pneumoniae type 1 (Ampicillin, Tetracycline, Cephalothin and Sulfa Resistant)

Morganella morganii (Penicillin and Tetracycline Resistant)
Enterobacter agglomerans (Ampicillin and Sulfanilamide Resistant)
Salmonella enterica (Antibiotic Resistant)
Enterobacteriaceae with extended beta-lactamase resistance (Ampicillin and Piperacillin Resistant)

Antibiotic Resistant Gram Positive Bacteria
Enterococcus faecalis (Vancomycin Resistant-VRE)
Enterococcus faecium (Vancomycin Resistant-VRE)
Staphylococcus aureus (Methicillin-MRSA, Community Associated Methicillin Resistant – CA-MRSA PVL Positive)
Staphylococcus aureus (CA-MRSA Genotype USA 400)
Staphylococcus aureus (Penicillin G, Penicillin, Ampicillin, Cefazolin, Cefatoxime, Chloramphenicol, Ciprofloxacin, Clindimycin, Erythromycin, Oxacillin, Rifampin, Tetracycline Resistant,
Staphylococcus aureus (Vancomycin Resistant – VISA)
Staphylococcus aureus (Vancomycin Resistant Intermediate – VISA)
Staphylococcus epidermidis (Ampicillin and Drug Resistant)

Virucidal* Performance: At 2 ounces per gallon (1:64) use level, this product was evaluated in the presence of 5% serum with a 10 minute contact time unless otherwise noted below and found to be effective against the following viruses on hard, non-porous environmental surfaces:
Kills Pandemic 2009 H1N1 influenza A virus (formerly called swine flu).

Human Viruses
Adenovirus type 2
Cytomegalovirus
HBV (Hepatitis B Virus)
HCV (Hepatitis C Virus)
Herpes Simplex type 1 Virus
Herpes Simplex type 2 Virus
HIV-1 (AIDS Virus)
Human Coronavirus
Influenza A/Brazil Virus
Influenza A/Victoria (H3N2) Virus

Influenza A2-Asian Virus
Influenza B Virus (Allen strain)
Influenza C Virus (Taylor strain)
Measles Virus
Parainfluenza Virus type 1
Poliovirus type 1 (Chat strain) 30 minutes contact time
Respiratory Syncytial Virus
Rotavirus
Vaccinia Virus

Animal Premise Virucidal* Performance: At 2 ounces per gallon (1:64) use level, this product was evaluated in the presence of 5% serum with a 10 minute contact time and found to be effective against the following viruses on hard, non-porous environmental surfaces:

Non-Human Viruses
Avian Influenza/Turkey/
Wisconsin Virus
Canine Coronavirus
Canine Distemper Virus
Canine Herpesvirus
Equine Herpesvirus
Equine Influenza Virus
Feline Calicivirus
Norovirus
Feline Infectious Peritonitis Virus
Infectious Bovine Rhinotracheitis Virus (IBR)

Newcastle Disease Virus
Porcine Parvovirus
Porcine Respiratory & Reproductive Syndrome Virus (PRRSV)
Porcine Rotavirus
Pseudorabies Virus
Transmissible Gastroenteritis Virus (TGE)
T1 bacteriophage
T4 bacteriophage
Vesicular Stomatitis Virus (VSV)
Bovine Viral Diarrhea Virus (BVD)
Avian Influenza Virus (H5N1)



LICENSED

PERIOD 2012-2014 LIC. NO.



QUAT-64™



LICENSED

PERIOD 2015-2017 LIC. NO.

9021.14

BROAD SPECTRUM DISINFECTANT HOSPITAL DISINFECTANT • CLEANS AS IT DISINFECTS

GERMICIDAL • CLEANER • DISINFECTANT • DETERGENT
FUNGICIDE • DEODORIZER • VIRUCIDE* • MILDEWSTAT • SANITIZER

ACTIVE INGREDIENTS:
Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride.....2.37%
Alkyl (68% C12, 32% C14) dimethyl ethylbenzyl ammonium chloride.....2.37%
INERT INGREDIENTS:95.26%
TOTAL:.....100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 61178-1-559 EPA Est. No. 559-MO-31

Buckeye International, Inc.

2700 Wagner Place • Maryland Heights • Missouri 63043 • 314/291-1900



NET CONTENTS 1 U.S. GALLON / 3.8 LITERS

DIRECTIONS FOR USE

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

To be used in hospitals in the following areas as a disinfectant: operating rooms, patient care rooms & facilities, recovery, anesthesia, ER, radiology, X-ray cat labs, newborn nurseries, orthopedics, respiratory therapy, surgi-centers, labs, blood collection rooms, central supply, housekeeping & janitorial rooms, nursing homes, doctor's offices & labs, dentists offices & labs (dental operatories).

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 may be used to preclean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

Sanicare Quat-64 is for use in institutions, schools, salons, hotels and motels, churches, day care centers, universities, colleges, health clubs, spas, sick rooms, restrooms, shower rooms and airplanes.

This product may be used on washable, hard, non-porous surfaces such as tables, desks, tub surfaces, door knobs, washable walls and garbage cans, toilet bowls, counters, chairs, telephones, bed frames, cabinets, bathtubs, and urinals.

DISINFECTION: PREPARATION OF USE SOLUTION: For water hardness up to 300 ppm add 2 ounces **SANICARE QUAT-64** per gallon of water to disinfect hard, non porous surfaces [Glass, metal, stainless steel, glazed porcelain, glazed ceramic, granite, marble, plastic (such as polystyrene or polypropylene), sealed limestone, sealed slate, sealed stone, sealed terra cotta, sealed terrazzo, chrome and vinyl]. Apply solution with a cloth, mop, sponge, hand pump trigger sprayer or other mechanical sprayer devices. Treated surfaces must remain wet for 10 minutes. Let air dry. Prepare a fresh solution for each use. **SANICARE QUAT-64** is effective in hard water up to 300 ppm hardness.

SANICARE QUAT-64 is a Hospital Use Disinfectant at 2 ounces per gallon, modified in the presence of 300 ppm hard water (calculated as CaCO₃) and in the presence of organic soil (5% blood serum) for a contact time of 10 minutes. Remove gross filth or heavy soil. For heavily soiled areas, a pre-cleaning step is required.

DISINFECT TOILET BOWLS: Remove gross filth prior to disinfection. Add 2 ounces **SANICARE QUAT-64** to the toilet bowl and mix. Brush thoroughly over exposed surfaces and under the rim with a cloth, mop or sponge. Repeat and allow to stand for 10 minutes and flush.

FUNGICIDAL - At 2 ounces per gallon use-level, **SANICARE QUAT-64** is effective against the pathogenic fungus *Trichophyton mentagrophytes* on inanimate surfaces in the presence of 5% organic soil load and 300 ppm water hardness as CaCO₃ in locker rooms, dressing rooms, shower and bath areas and exercise facilities. Contact time ~ 10 minutes.

VIRUCIDAL*: When used on inanimate, hard, non-porous, environmental surfaces at 2 ounces per gallon of water for a 10 minute contact time (5% organic soil), except for Poliovirus type 1 (Chat strain): which requires a 30 minute contact time (5% organic soil) and HIV-1 which requires only a 30 second contact time.

***KILLS HIV, HCV & HBV 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 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 C Virus (HCV) and Hepatitis B Virus.

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

PERSONAL PROTECTION: Specific barrier protection items to be used when handling items soiled with blood or body fluids are disposable latex gloves, gowns, masks and eye coverings.

CLEANING PROCEDURE: Blood and other body fluids must be thoroughly cleaned from 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 surfaces wet for 30 seconds for HIV-1 and 10 minutes for HCV and HBV. The contact time for the viruses, fungi and bacteria listed on this label is 10 minutes except for Polio virus Type 1 (Chat strain) which is 30 minutes.

SANITIZATION – NON-FOOD CONTACT SURFACES: Remove all gross filth or heavy soil prior to applying sanitizing solution. To sanitize walls, floors and other hard, nonporous surfaces in such areas as schools, institutions, and industries, use a mop, cloth or immerse item in a solution containing 2 ounces per gallon so as to wet all surfaces thoroughly for 1 minute. Drain or air dry. Prepare a fresh solution daily or when solution gets visibly dirty.

Mold and Mildew Control Directions – Add 2 ounces **SANICARE QUAT-64** per gallon of water to control the growth of mold and mildew and their odors on hard, non-porous surfaces. Thoroughly wet all treated surfaces completely. Let air dry. Repeat application weekly or when growth or odor reappears.

General Deodorization – To deodorize, add 2 ounces of this product per gallon of water. Excess material must be wiped up or allowed to air dry.

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. Wear protective eyewear (goggles, face shield or safety glasses). Wear protective clothing and rubber gloves. Avoid contamination of food. 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.

STATEMENT OF PRACTICAL TREATMENT – FIRST AID

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. **Have the product container or label with you when calling a poison control center or doctor, or going for treatment.** For medical emergencies only, call 800-303-0441. Outside North America call 651-632-8956. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store near heat or open flame.

STORAGE and DISPOSAL

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

STORAGE: Do not store on side. Avoid creasing or impacting of side walls. Store securely in closed original container. Avoid storage at temperature extremes or in sunlight. Avoid shipping or storing below freezing. If product freezes, thaw at room

temperature and shake gently to remix components. Use locked storage in an area that will prevent cross-contamination of other pesticides, fertilizer, food and feed. Store in pesticide area 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 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: Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Discard Rinsate. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available.**

Disinfection Performance: At 2 ounces of this product to one gallon of water use level, this product is bactericidal and fungicidal on hard inanimate surfaces modified in the presence of 5% organic serum with a 10 minute contact time against:

Isolates From AIDS Patients

Aspergillus niger
Candida albicans
Cryptococcus neoformans
Pseudomonas aeruginosa
Staphylococcus aureus
Streptococcus pneumoniae

Gram Positive Clinical Isolates

Enterococcus faecalis
Micrococcus luteus
Staphylococcus aureus
Staphylococcus aureus (Toxic shock)
Staphylococcus epidermidis
Staphylococcus saprophyticus
Streptococcus haemolyticus
Streptococcus pyogenes

Gram Negative Clinical Isolates

Acinetobacter calcoaceticus var. anitratus
Acinetobacter calcoaceticus var. lwoffii
Bordetella bronchiseptica
Brevundimonas dimunita
Burkholderia cepacia
Enterobacter agglomerans
Enterobacter cloacae
Enterobacter gergoviae
Enterobacter liquefaciens
Escherichia coli (Urinary)
Escherichia coli (Wound)
Flavobacterium meningosepticum
Hafnia alvei

Other Bacteria

Actinobacillus pleuropneumoniae
Actinomyces pyogenes
Bacillus cereus
Bacteroides fragilis
Bordetella bronchiseptica
Burkholderia pickettii
Campylobacter jejuni
Chryseomonas luteola
Corynebacterium ammoniagenes
Corynebacterium ammoniagenes
Corynebacterium pseudotuberculosis
Enterobacter aerogenes
Enterococcus faecalis
Enterococcus faecium
Enterococcus hirae
Escherichia coli
Escherichia coli strain 0157:H7
Escherichia vulneris
Haemophilus influenzae
Klebsiella pneumoniae
Listeria monocytogenes
Pasteurella haemolytica
Pseudomonas aeruginosa
Rhodococcus equi
Salmonella enterica
Salmonella schottmuelleri
Salmonella typhi
Shigella dysenteriae
Staphylococcus aureus
Staphylococcus aureus
Staphylococcus capitis
Staphylococcus hominis
Staphylococcus simulans
Stenotrophomonas maltophilia
Streptococcus equi var. equi
Streptococcus equi var. equi
Streptococcus equi var. zooepidemicus
Streptococcus pneumoniae (PRSP)
Streptococcus pyogenes
Streptococcus salivarius
Yersinia enterocolitica