LEMON-QUAT™

Disinfectant, Cleaner, Mildewstat, Fungicide, Virucide, Deodorizer*

DESCRIPTION

DISINFECTION PERFORMANCE: This product kills the following bacteria in 10 minutes at 4 oz. per gal. of water and 5% soil on hard, non-porous surfaces: Acinetobacter baumannii, Acinetobacter lwoffi, Bordetella bronchiseptica, Chlamydia psittaci, Citrobacter freundii, Enterobacter agglomerans, Enterobacter aerogenes, Enterobacter cloacae, Escherichia coli, Escherichia coli O111:H8, Escherichia coli (Carbapenem Resistant), Escherichia coli (Extended Spectrum B-Lactamase) (ESBL), Escherichia coli (Tetracycline Resistant), Enterococcus faecalis, Enterococcus hirae, Fusobacterium necrophorum, Klebsiella oxytoca, Klebsiella pneumoniae, Klebsiella pneumoniae (NDM-1 positive), Listeria monocytogenes, Micrococcus luteus, Pasturella multocida, Proteus vulgaris, Pseudomonas aeruginosa, Pseudomonas aeruginosa (Tetracycline Resistant), Pseudomonas cepacia, Salmonella enterica, Salmonella enteritidis, Salmonella enterica serotype pullorum, Salmonella typhi, Salmonella typhimurium, Serratia marcescens, Shigella flexneri, Shigella sonnei, Staphylococcus aureus, Staphylococcus aureus (CA-MRSA) (Genotype USA 300), Staphylococcus aureus (CA-MRSA) (Genotype USA 400), Staphylococcus aureus (MRSA), Staphylococcus epidermidis, Staphylococcus epidermidis (Antibiotic resistant),Streptococcus agalactiae, Staphylococcus haemolyticus, Streptococcus pneumoniae (Penicillin Resistant), Streptococcus pyogenes, Streptococcus mutans, Enterococcus faecalis (VRE), Staphylococcus aureus (VISA), Vibrio cholera, Yersinia enterocolitica.

VIRUCIDAL* PERFORMANCE: This product kills the following viruses in 10 minutes at 4 oz. per gal. of water and 5% soil on hard, non-porous surfaces: Avian Influenza A (H5N1) Virus, Avian Influenza A (H3N2) Virus, Cytomegalovirus, Coronavirus (SARS-associated), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Herpes Simplex Virus Type 1, Herpes Simplex Virus Type 2, Human Coronavirus, Human Immunodeficiency Virus Type 1 (HIV 1), Influenza A (H1N1) Virus, Influenza A Virus (H3N2) (Hong Kong Strain), Respiratory Syncytial Virus, Vaccinia Virus.

ANIMAL PREMISE VIRUCIDAL* PERFORMANCE: This product kills the following viruses in 10 minutes at 4 oz. per gal. of water and 5% soil on hard, non-porous surfaces: Avian Infectious Bronchitis Virus, Avian Influenza A Virus (H5N1), Avian Influenza A Virus (H3N2), Canine Coronavirus, Canine Distemper Virus, Feline Picornavirus, Infectious Bovine Rhinotracheitis Virus, Pseudorabies Virus, Swine Influenza A Virus (H1N1), Transmissible Gastroenteritis Virus (TGE).

This product kills the following viruses in 10 minutes at 16 oz. per gal. of water and 5% soil on hard, non-porous surfaces: Canine Parvovirus** (CPV), Rabies**, Porcine Parvovirus**.

** Indicates that a dilution of 16 oz. per gal. of water is required for this claim.

NON-FOOD CONTACT SANITIZING PERFORMANCE: This product is an effective one-step sanitizer in 3 minutes at 4 oz. per gal. of water and 5% soil on hard, non-porous surfaces: Klebsiella pneumoniae, Staphylococcus aureus.

FUNGICIDAL PERFORMANCE: This product kills the following fungi in 10 minutes at 4 oz. per gal. of water and 5% soil on hard, non-porous surfaces: Candida albicans, Trichophyton mentagrophytes (Athlete's foot fungus).

MILDEWSTATIC PERFORMANCE: This product controls the following mold in 10 minutes at 4 oz. per gal. of water on hard, non-porous surfaces: Aspergillus niger.

This product is for use on hard, non-porous surfaces in hospitals, healthcare facilities, nursing homes, business, office buildings, public restrooms, institutions, schools, colleges, commercial, industrial sites, veterinary clinics and other animal care facilities. This product is a one-step hospital-use disinfectant cleaner and deodorant designed for general cleaning, disinfecting, deodorizing and controlling mold and mildew on hard, non-porous surfaces. This product is formulated to provide effective cleaning strength that will not dull high gloss floor finishes with repeated use.

PRODUCT FEATURES / BENEFITS

- Pleasantly fragranced / Leaves behind a pleasant lemon fragrance
- Multiple surface compatibility / Safe to use on any water washable surface
- Broad spectrum bactericidal activity / Effectively kills disease causing pathogenic organisms
- Neutral range pH / Use for daily maintenance of finished floors without affecting gloss
- Cleans, disinfects, and deodorizes in one operation / Easy one-step operation saves time and reduces inventory

SPECIFICATIONS

Active Ingredients	Dual Quaternary
Color	Yellow
Odor	Lemon
pH (Concentrate)	7.5 ± 1.0
pH (Use Dilution)	7.5 ± 1.0
Specific Gravity (g/cc)	1.00 ± 0.01

DIRECTIONS FOR USE

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

This product is not for use on medical device surfaces.

FOR USE AS A ONE-STEP, GENERAL, HOSPITAL, MEDICAL DISINFECTANT, FUNGICIDE, VIRUCIDE*, CLEANER: Pre-clean heavily soiled areas. Apply use solution of 4 oz. of this product per gal. of water to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Treated surfaces must remain wet for 10 minutes. Wipe dry with a clean cloth or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Prepare a fresh solution daily or when visibly dirty.

***KILLS HIV, HBV AND HCV ON PRE-CLEANED HARD, NON-POROUS 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), 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: Wear protective latex gloves, gowns, masks and eye protection.

Cleaning Procedure: Blood and other body fluids must be thoroughly cleaned from hard, non-porous 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: Allow hard, non-porous surfaces to remain wet for 10 minutes for all organisms.

NON-FOOD CONTACT SURFACE SANITIZING DIRECTIONS

NON-FOOD CONTACT SURFACE SANITIZING: Pre-clean heavily soiled areas. Add 4 oz. of this product per gal. of water. Apply solution to hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Treated surfaces must remain wet for 3 minutes. Prepare a fresh solution daily or when visibly dirty.

TO CONTROL MOLD/MILDEW: Pre-clean heavily soiled areas. Prepare use solution by adding 4 oz. of this product per gal. of water. Apply use solution to hard, non-porous surfaces for 10 minutes which will effectively inhibit the growth of mold and mildew and their odors. Repeat treatment every seven days, or more often if new growth appears.

ANIMAL PREMISES: Prior to use of this product, remove all animals and feeds from areas to be treated, animal transportation vehicles, and enclosures, coops, crates, kennels, stables. 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 animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

FOR USE AS AN ANIMAL PREMISE DISINFECTANT/VIRUCIDE*: Prepare a use solution of 4 oz. of this product per gal. of water for effectiveness against designated animal viruses on the label.

FOR USE AS AN ANIMAL PREMISE DISINFECTANT/VIRUCIDE:** Prepare a use solution of 16 oz. of this product per gal. of water for effectiveness against designated animal viruses on the label.

Apply use solution to disinfect hard, non-porous surfaces with a sponge, brush, cloth, by immersion, hand pump trigger spray device, coarse trigger spray device. For spray 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. Treated surfaces must remain wet for 10 minutes. 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 or detergent, and rinse with potable water before reuse.

NON-ACID TOILET BOWL AND URINAL DISINFECTANT/CLEANING DIRECTIONS

Remove heavy soil prior to disinfection.

From a Concentrate: Add 4 oz. of this product directly into the water in the toilet bowl. Brush thoroughly over exposed surfaces and under the rim with a toilet brush/mop, cloth, or sponge. Allow solution to stand for 10 minutes and flush.

From a Use Solution: Empty water out of toilet bowl or urinal and apply use solution prepared by adding 4 oz. of this product per gal. of water to exposed surfaces, including under the rim with a toilet brush/mop, cloth, or sponge, hand pump trigger spray device, coarse trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Brush or swab thoroughly, then allow solution to stand for 10 minutes and flush.

FOR HEAVY DUTY CLEANING OF TOILET BOWLS AND URINALS: Pre-clean heavily soiled areas. Empty water from toilet bowl or urinal and apply a use solution of 8 oz. of this product per gal. of water to exposed surfaces including under the rim with toilet brush/mop, cloth, or sponge, hand pump trigger spray device, coarse trigger spray device. For sprayer application, spray 6-8 inches from surface. To aid in soil removal, allow to soak. Brush or swab thoroughly and allow solution to stand for 10 minutes and flush.

TO CLEAN WATERFREE/WATERLESS URINALS: Remove any debris from the urinal. Spray 4 - 8 oz. of use solution onto urinal surface. To prepare use solution: Add 4 oz. per gal. of water. DO NOT spray product directly onto cartridge. Wipe surface to clean. Change cartridge as needed. The unit is ready for use.

GENERAL DEODORIZATION: To deodorize, apply 4 - 8 oz. of this product per gal. of water to hard, non-porous surfaces. Wipe up excess liquid with a paper towel or allow to air dry.

DISINFECTANT

World Class Cleaning Solutions®

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