

DISC.

SIDE 2 7/8"

LICENSED

PERIOD 2014-2016 LIC. NO.

8594.2

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not reuse empty container. Keep from freezing.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes, on skin or on clothing. Wear chemical splash-proof goggles or face shield, rubber gloves and protective clothing. Harmful if inhaled, swallowed or absorbed through skin. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

MSDS MS0600939

EPA Reg. No. 5736-61-84533

EPA Est. No. 4822-WI-1[WD]; 0312-WI-1[NC];

0312-WI-3[NW]; 13938-CN-1[LD]

Lot code letters indicate establishment number.

For product information, contact your local distributor.

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Lake Forest, Illinois 60045 U.S.A.

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1/4" NO PRINT MARGIN

FRONT 6 3/4"

LICENSED

LICENSED

PERIOD 2011-2013 LIC. NO.

PERIOD 2008-2010 LIC. NO.



2LEG3

**LEMON QUAT 64
DISINFECTANT**

**201 KEEP OUT OF REACH OF CHILDREN
DANGER**

For Medical Emergency ONLY call: 24 Hour Emergency Response Number 1-800-983-4582

ACTIVE INGREDIENTS: Didecyl dimethyl ammonium chloride	2.1760%
n-Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆) dimethyl benzyl ammonium chloride	2.0475%
OTHER INGREDIENTS:	95.7765%
TOTAL:	100.0000%

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 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.

IN CASE OF EMERGENCY, 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 in for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage.

See additional precautionary statements on side panel.

Net Contents: 3.78 L / 1 U.S. GAL.

3/16" NO PRINT MARGIN

LAYFLAT 9 5/8"

Lemon Quat 64 Disinfectant

This product is a one-step disinfectant cleaner and deodorant designed for general cleaning, disinfecting, deodorizing and controlling mold and mildew on hard, non-porous environmental surfaces. It cleans quickly by removing dirt, grime, mold, mildew and other common soils found in hospitals, nursing homes, schools, colleges, offices, veterinary clinics, pet shops, animal life science laboratories, hotels, motels, public areas and restrooms. Use daily on the following hard, non-porous environmental surfaces: vinyl, painted surfaces, plastic surfaces, glazed ceramic, glazed porcelain, laminated surfaces and baked enamel surfaces associated with floors, walls, ceilings, tables, chairs, countertops, telephones, fixtures, glazed tile, toilets, urinals, sinks, shower rooms and locker room areas - any washable surface where disinfection is required. This product's non-dulling formula eliminates the time and labor normally required for rinsing. A potable water rinse is required for food contact surfaces. Do not use on glasses, dishes and utensils.

When used as directed at a 1:64 dilution (2 oz. per gallon of water), this product contains 660 ppm of active quaternary germicide making it highly effective against a wide variety of pathogenic microorganisms.

Using approved AOAC test methods, in the presence of 300 ppm hard water, 10% serum and 10 minutes contact time, unless otherwise noted, this product kills the following on hard non-porous inanimate surfaces: Pseudomonas aeruginosa, Staphylococcus aureus, Salmonella enterica See reference sheet for complete list of organisms.

(1) 2LEG3



1 2LEG3

Bactericidal Stability of Use-Dilution - Tests show this product, when diluted in 400 ppm hard water and in the presence of 5% serum load, remains effective against Pseudomonas aeruginosa, Staphylococcus aureus and Salmonella enterica (formerly known as Salmonella choleraesuis) for up to one year in storage as long as it remains sealed. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, dry containers when diluting this product.

This product can be applied by mop, sponge, cloth, paper towel, or hand pump coarse trigger sprayer. Change cloth, sponges or towels frequently to avoid redeposition of soil. For disinfection, all surfaces must remain wet for 10 minutes.

DIRECTIONS FOR USE:

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

To Prepare Use Solution: Add the product at 2 oz. per gallon of water (1:64).

For Use as a One-Step Cleaner/Disinfectant: Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. To disinfect, all surfaces must remain wet for 10 minutes. Wipe surfaces and let air dry.

Note - Rinsing is not necessary unless floors are to be coated with finish or restorer. All food contact surfaces such as appliances and kitchen countertops must be rinsed with potable water. Do not use on glassware, utensils, or dishes.

For Use as a General Cleaner and/or Deodorizer: Apply Use Solution to surfaces. Wipe surfaces and let air dry.

For Use as a Non-Acid Bowl Cleaner/Disinfectant in Toilet Bowls and Urinals from Use-Dilution: Pre-clean heavily soiled areas. Empty toilet bowls by forcing water through the trap. Apply Use Solution to exposed surfaces in toilet bowls and urinals. Swab entire surface area especially under the rim. Allow entire surface to remain wet for 10 minutes. Flush toilet or urinal and rinse swab applicator thoroughly.

For Use To Clean and Disinfect Shower Rooms, Locker Rooms and Other Large, Open Areas with Floor Drains: Pre-clean heavily soiled areas. Apply Use Solution to floors, walls and ceilings making sure not to over spray. To disinfect, all surfaces must remain wet for 10 minutes. Scrub using a deck brush or other coarse material as necessary. Rinse surfaces thoroughly and let air dry.

To Kill Mold and Mildew (in 5% soil load): Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. Allow surfaces to remain wet for 10 minutes. Wipe surfaces and let air dry.

To Control Mold and Mildew: Apply Use Solution to pre-cleaned hard, non-porous environmental surfaces. Allow to air dry. Repeat application weekly or when growth reappears.

To Kill Fungi: Pre-clean heavily soiled areas. Apply Use Solution to hard, non-porous environmental surfaces. Allow surface to remain wet for 10 minutes. Wipe surfaces and let air dry.

For Use For Treatment of Animal Housing Facilities:

1. Remove all animals and feeds from areas being treated.
2. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities occupied or traversed by animals.
3. Empty or cover all troughs, racks and other feeding and watering appliances.
4. Thoroughly clean all surfaces with soap and detergent and rinse with water.
5. Apply fresh Use Solution to floors, walls, cages and other washable hard, non-porous environmental surfaces. For smaller surfaces, use a trigger spray bottle to spray all surfaces with solution until wet. To disinfect, all surfaces must remain wet for ten minutes.
6. Do not house animals or re-employ equipment until product has dried.
7. For disinfection of feed racks, troughs, automatic feeders, fountains and watering appliances scrub with use-solution, let stand ten (10) minutes. Then thoroughly scrub all treated surfaces with soap or detergent and rinse with potable water before reuse.

***This product kills HBV, HCV and HIV-1 on pre-cleaned environmental surfaces/objects previously soiled with blood/body fluids** in health care settings (Hospitals, Nursing Homes) and 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 Hepatitis B Virus, Hepatitis C Virus and Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HBV, HCV and HIV-1 OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

Personal Protection: Disposable latex or vinyl gloves, gowns, face masks, and eye coverings as appropriate, must be worn during all cleaning of body fluids, blood, and decontamination procedures.

Cleaning Procedures: Blood and body fluids must be thoroughly cleaned from surfaces and objects before application of this product. **Contact Time:** Allow surface to remain wet for 1 minute to kill HIV-1, 5 minutes to kill HBV & HCV, and for 10 minutes to kill all other organisms cited on the label.

Disposal of Infectious Material: Blood and other body fluids should be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

1/4" NO PRINT MARGIN



Lemon Quat 64 Disinfectant

When used as directed at a 1:64 dilution (2 oz. per gallon of water), this product contains 660 ppm of active quaternary germicide making it highly effective against a wide variety of pathogenic microorganisms.

Using approved AOAC test methods under Good Laboratory Practices, in the presence of 400 ppm hard water, 10% serum and 10 minutes contact time, unless otherwise noted, this product kills the following on hard non-porous inanimate surfaces:

Bacteria -

Pseudomonas aeruginosa, (ATCC 15442)
Staphylococcus aureus, (ATCC 6538)
Salmonella enterica, (ATCC 10708)
formerly known as *Salmonella choleraesuis*
Acinetobacter calcoaceticus, (ATCC 9957)
Bordetella bronchiseptica, (ATCC 10580)
Enterobacter cloacae, (ATCC 23355)
Enterococcus faecalis, (ATCC 19433)
formerly known as *Streptococcus faecalis*
Escherichia coli, (ATCC 11229)
Escherichia coli 0157:H7, (ATCC 43890)
Klebsiella pneumoniae, (ATCC 13883)

Legionella pneumophila, (ATCC 33153)
Listeria monocytogenes, (ATCC 15313)
Neisseria gonorrhoeae, (ATCC 43069)
Proteus mirabilis, (ATCC 9240)
Proteus vulgaris, (ATCC 13315)
Pseudomonas diminuta, (ATCC 11568)
Pseudomonas putida, (ATCC 12633)
Pseudomonas stutzeri, (ATCC 17588)
Salmonella schottmuelleri, (ATCC 10719)
Salmonella typhi, (ATCC 6539)
Serratia marcescens, (ATCC 9103)
Shigella dysenteriae, (ATCC 29026)

Shigella flexneri, (ATCC 25875)
Shigella sonnei, (ATCC 25931)
Staphylococcus aureus, (ATCC 25923)
Staphylococcus aureus (Toxic Shock),
(ATCC 33586)
Streptococcus mutans, (ATCC 25175)
Streptococcus pyogenes, (ATCC 19615)
Streptococcus pyogenes ("Strep A" -
Flesh Eating Strain), (clinical isolate)
Vibrio cholera, (ATCC 11623)
Yersinia enterocolitica, (ATCC 9610)

Antibiotic-Resistant Bacteria -

Enterococcus faecalis, (ATCC 51299);
(Resistant to Vancomycin [VRE])

Staphylococcus aureus, (CDC HIP-5836),
(Intermediate Vancomycin Resistance [VISA])

Staphylococcus aureus, (ATCC 33592)
(Resistant to Methicillin [MRSA],
Gentamicin [GRSA])

Viruses -

Herpes simplex Type 1, (VR-733)
Herpes simplex Type 2, (VR-734)

Influenza Type A₂ (Hong Kong), (VR-544)

Vaccinia virus (smallpox vaccine virus),
(VR-119)

Kills HIV-1 (AIDS virus) (HTLV-III_B) when used as directed on hard, non-porous inanimate surfaces with a 1 minute contact time.

Kills HBV & HCV when used as directed on hard, non-porous inanimate surfaces with a 10 minute contact time.

Veterinary viruses:

Avian Influenza, (VR -2072)
Canine distemper, (VR -128)

New Castle disease, (VR -108)

Transmissible gastroenteritis virus (TGE),
(U of Minn. Strain)

Fungi/Yeast -

Geotrichum candidum, (ATCC 18301)

Saccharomyces cerevisiae, (ATCC 2601)

Using approved AOAC test methods under Good Laboratory Practices, in the presence of 400 ppm hard water, 5% serum load and 10 minutes contact time, unless otherwise noted, this product kills the following on hard non-porous inanimate surfaces:

Viruses - *Adenovirus Type 2*, (VR-2)

Fungi/Yeast -

Fungi: *Aspergillus niger*, (ATCC 6275), *Trichophyton mentagrophytes* (athlete's foot fungus), (ATCC 9533)
Yeast: *Candida albicans*, (ATCC 10231)

Mildewcidal Activity - kills the growth of mold and mildew: *Aspergillus niger* (ATCC 6275) and the odors caused by them when applied to hard, non-porous environmental surfaces.

Mildewstatic Activity - controls and prevents the growth of mold and mildew: *Aspergillus niger* (ATCC 6275) and the odors caused by them when applied to hard, non-porous environmental surfaces.

Malodor Counteractancy - eliminates odors and odor-causing bacteria in restroom areas, behind and under sinks and counters, garbage cans and storage areas and other places where bacterial growth can cause malodors.

Bactericidal Stability of Use-Dilution - Tests show this product, when diluted in 400 ppm hard water and in the presence of 5% serum load, remains effective against *Pseudomonas aeruginosa*, *Staphylococcus aureus* and *Salmonella enterica* (formerly known as *Salmonella choleraesuis*) for up to one year in storage as long as it remains sealed. If product becomes visibly dirty or contaminated, the use-dilution must be discarded and fresh product prepared. Always use clean, dry containers when diluting this product.

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