

# Lemon Disinfectant

APPROVED

By Mary Smolka at 2:17 pm, Oct 18, 2010

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

for Hospitals, Nursing Homes, Food Service, Commercial, Institutional, and Industrial Use. For Use in Schools, Equine, Poultry/Turkey Farm, Veterinary, Restaurant, Food Handling and Process Areas. Non-Dulling to Floor Finishes.

Meets OSHA Bloodborne Pathogen Standard for HIV, HBV and HCV.

### ACTIVE INGREDIENTS:

Didecyl Dimethyl Ammonium Chloride .....	2.535%
n-Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride .....	1.690%
INERT INGREDIENTS: .....	95.775%
TOTAL .....	100.000%

## KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

See right panel for additional precautionary statements.

**First Aid:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **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. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

Distributed By:  
**Kor-Chem, Inc.**  
*Setting Limits By Probing The Impossible*

5800 Bucknell Drive

Atlanta, GA 30336

1-800-752-6627

E.P.A. Reg. No. 10324-154-11712

E.P.A. Est. No. 11712-GA-01

Net Contacts: 1 Gallon

Case Contents: 4x1 Gallons

PIF# 00501-C4002

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER, KEEP OUT OF REACH OF CHILDREN.** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. 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. **ENVIRONMENTAL HAZARD** This product is toxic to fish.

**PHYSICAL OR CHEMICAL HAZARDS** Do not mix with oxidizers, anionic soaps and detergents. Do not use or store near heat or open flame.

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Before using this product, food products and packaging materials must be removed from the room or carefully protected.

**PREPARATION OF DISINFECTION/FUNGICIDAL/VIRUCIDAL\* USE SOLUTION:** For heavily soiled areas, a preliminary cleaning is required. Add 2 ounces of this product to 1 gallon of water to disinfect hard non-porous surfaces. Apply use solution using a brush, cloth, mop, sponge, auto scrubber, mechanical spray device or by immersion so as to thoroughly wet surfaces. For sprayer applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Change cloth, sponge or towels frequently to avoid redeposition of soil. Treated surfaces must remain wet for 10 minutes. Allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished. Rinse all treated surfaces that come in contact with food such as countertops, appliances, tables and stovetops with potable water before reuse. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**DISINFECTION PERFORMANCE IN INSTITUTIONS AND NON-MEDICAL FACILITIES:** At 2 fluid ounces of this product per one gallon of water use level (1:64) and with a 10-minute contact time, this product is effective in 400 ppm hard water against the following organisms on hard non-porous inanimate surfaces: Methicillin Resistant Staphylococcus aureus, Salmonella enterica, Staphylococcus aureus, Pseudomonas aeruginosa.

**FUNGICIDAL PERFORMANCE:** When used as directed at 2 fluid ounces of this product per 1 gallon of water and a 10-minute contact time, this product is highly effective against the following on hard non-porous surfaces: Aspergillus niger, Candida albicans, Trichophyton mentrophytes - Athlete's foot fungus, a cause of Ringworm.

**VIRUCIDAL\* PERFORMANCE:** At 2 ounces of this product per 1 gallon of water use level (660 ppm active), this product was evaluated in the presence of 400 ppm hard water and 5% serum with a 10-minute contact time and found to be effective against the following viruses on hard, non-porous surfaces: Avian Influenza A H3N2 virus, Cytomegalovirus, SARS-associated Coronavirus, Herpes Simplex Virus Type 1, Herpes Simplex Virus Type 2, Human Coronavirus, Influenza A H1N1 virus, Respiratory syncytial virus.

Not for use on medical devices or medical equipment surfaces.  
**\*KILLS HIV, HBV AND HCV 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 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, Hepatitis B Virus and Hepatitis C Virus. **SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1, HBV AND**

**HCV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS. Personal Protection:** Clean up must always be done wearing protective latex gloves, gowns, masks and eye protection. **Cleaning Procedure:** Blood and other body fluids must be thoroughly cleaned from hard nonporous inanimate 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 hard nonporous inanimate surfaces wet for 10 minutes with a 2 fluid ounce per gallon use solution.

**\*For Disinfecting Hard, Non-Porous Surfaces Against Avian Influenza A Virus:** For use in hospitals, hotels, motels, schools and other non-animal use sites, follow the **Preparation of Disinfection/Fungicidal/Virucidal\* Use Solution directions.** For use in animal housing facilities follow the animal premise directions. Prior to use of this product, cover or remove all food and packaging material before disinfection and remove all animals and feeds from premises, animal transportation vehicles, and enclosures. 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 poultry or other animals. Empty all troughs, racks and other feeding and watering appliances. Thoroughly clean surfaces with soap or detergent and rinse with water.

**Animal Premise \*Virucidal Performance:** At a 2 ounces per gallon use level, this product was evaluated with a 10 minute contact time and found to be effective against the following viruses on hard, non-porous inanimate surfaces: Avian Influenza A virus, Canine Coronavirus, Canine Distemper virus, Feline Picornavirus, Infectious Bovine Rhinotracheitis virus, Pseudorabies virus, Swine Influenza A H1N1 virus, Transmissible Gastroenteritis virus, Vaccinia virus.

**\*EFFECTIVENESS AGAINST CANINE PARVOVIRUS, PORCINE PARVOVIRUS AND RABIES:** At a 8 ounce per gallon of water use level, this product was evaluated in the presence of 5% serum and with a 10-minute contact time and found to be effective against the following viruses on hard, non-porous inanimate surfaces: Canine Parvovirus-CPV, Mice Parvovirus, Porcine Parvovirus, Rabies

**DISINFECTION/FUNGICIDE/VIRUCIDE\* OF POULTRY/TURKEY EQUIPMENT, SWINE QUARTERS, LIVESTOCK FARMS, EQUINE QUARTERS, ANIMAL QUARTERS AND KENNELS DIRECTIONS:** Use 2 oz of this product per one gallon of water to hard nonporous inanimate surfaces. Apply by cloth, mop, brush, sponge, auto scrubber, mechanical spray device or by immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Allow surfaces to remain wet for 10 minutes. Immerse all halters and other types of hard nonporous equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. After application, ventilate buildings, coops and other closed spaces. Do not house poultry or other animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub all treated equipment which may contact food and water with soap or detergent and rinse with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. A fresh solution must be prepared at least daily or when use solution becomes visibly diluted.

**SPECIAL INSTRUCTIONS FOR INACTIVATING AVIAN INFLUENZA A VIRUS H1N1, H3N2:** Apply the disinfecting solution of 2 oz of this product per gallon of water to all hard nonporous inanimate surfaces and allow to remain wet for a period of 10 minutes. Apply by cloth, mop, brush, sponge, auto scrubber, mechanical spray device or by

immersion. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Immerse all halters and other types of hard nonporous equipment used in handling and restraining animals as well as forks, shovels, and scrapers used in removing litter and manure. Ventilate buildings, coops, and other closed spaces. Do not house poultry or employ equipment until treatment has been absorbed, set, or dried. Thoroughly scrub treated feed racks, troughs, automatic feeders, fountains, and waterers, and other treated equipment with soap or detergent, and rinse with potable water before reuse. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**To Disinfect Food Service Establishment Food Contact Surfaces:** For heavily soiled areas, a pre-cleaning step is required. For use on countertops, exterior surfaces of appliances, tables and other hard nonporous inanimate surfaces, mix 2 ounces of this product to one gallon of water. Apply solution with a brush, mop, cloth, sponge, auto scrubber, mechanical spray device or by immersion so as to wet all surfaces thoroughly. For sprayer applications, spray 6-8 inches from surface. Rub with brush, cloth, or sponge. Allow surface to remain wet for 10 minutes. Wipe with clean cloth, sponge or paper towel. Then remove excess liquid. Rinse the surface with potable water. Change cloth, sponge or towels frequently to avoid redeposition of soil. A fresh solution must be prepared at least daily or when use solution becomes visibly diluted.

**DIRECTIONS FOR FOOD PROCESSING PLANTS:** For use on non-food contact hard nonporous surfaces such as floors, walls, tables, garbage cans and disposal areas. Follow the Preparation of Disinfection/Fungicidal/Virucidal\* use directions.

**DIRECTIONS FOR FOOD STORAGE AREAS:** For use on non-food contact hard nonporous surfaces such as shelves, floors, walls and tables. Follow the Preparation of Disinfection/Fungicidal/Virucidal\* use directions.

**MOLD AND MILDEW CONTROL:** To control the growth of mold and mildew and their odors on hard, non-porous surfaces, apply use solution of 2 ounces of this product per 1 gallon of water. Apply by cloth, sponge, mop, brush, auto scrubber, mechanical spray device to thoroughly wet all treated surfaces completely. Allow surface to remain wet for ten 10 minutes. Allow solution to dry on surface and repeat treatment every seven days or when new growth appears. Change cloth, sponge or towels frequently to avoid redeposition of soil. Prepare a fresh solution at least daily or when use solution becomes visibly dirty.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage and disposal. **CONTAINER DISPOSAL/PESTICIDE STORAGE:** Non-refillable container. Store only in original container. Do not reuse empty container. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use. Triple rinse as follows: Fill container ¼ full with water and reclose the container. Agitate vigorously and dispose of rinsate. Repeat two more times. Wrap container and put in trash or offer for recycling if available. **RESIDUE REMOVAL INSTRUCTIONS:** Triple rinse container promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

LOT#: XXXXX - 501



10812068010252