

LEMON APD

Cleaner, Disinfectant, Non-Food Contact Sanitizer, Deodorizer and Virucide*

ACTIVE INGREDIENTS:

Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)

Dimethyl Benzyl Ammonium Chloride0.78%

Alkyl (68% C₁₂, 32% C₁₄)

Dimethyl Ethylbenzyl Ammonium Chloride.....0.78%

OTHER INGREDIENTS: 98.44%

TOTAL: 100.00%

EPA Reg. No. 10324-167-9367

EPA Est. No. 9367-FL-1

pH 9.0 - 11.0

Form Liquid

FragranceLemon Citrus

Color..... Yellow

Packaged4/1 Gallon, 5 Gallon Pail
& 55 Gallon Drum



PRODUCT INFORMATION:

DISINFECTION PERFORMANCE IN INSTITUTIONS (Hospitals, Dental Offices, Nursing Homes, and Other Health Care Institutions AND NON-MEDICAL FACILITIES (Schools, Restaurants, Food Services, Beverage, Food Processing Plants and Other Non-Medical Facilities): This product kills the following bacteria in 10 minutes at 4 oz. per gallon of water with 5% soil on hard, non-porous surfaces: *Corynebacterium ammoniagenes* (ATCC 6872), *Enterococcus faecalis* (ATCC 29212), *Enterococcus faecalis* (VRE) Vancomycin Resistant (ATCC 51299), *Escherichia coli* (ATCC 11229), *Klebsiella pneumoniae* (ATCC 4352), *Legionella pneumophila* (ATCC 33153), *Proteus mirabilis* (ATCC 9240), *Pseudomonas aeruginosa* (ATCC 15442), *Salmonella enterica* (ATCC 10708), *Salmonella schottmuelleri* (ATCC 8759), *Serratia marcescens* (ATCC 14756), *Shigella dysenteriae* (ATCC 11835), *Staphylococcus aureus* (ATCC 6538), *Staphylococcus aureus* (MRSA) Methicillin resistant (ATCC 33592), *Staphylococcus aureus* (CA MRSA) Community Acquired Methicillin Resistant and *Streptococcus salivarius* (ATCC 7073)

VIROCIDAL* PERFORMANCE: This product kills the following viruses in 10 minutes at 4 oz. per gallon of water with 5% soil on hard, non-porous surfaces: Avian Influenza A Virus (H5N1), Herpes Simplex Type 1 Virus (VR-733), Herpes Simplex Type 2 Virus (VR-734), Hepatitis B Virus** (HBV), Hepatitis C Virus** (HCV), Human Coronavirus (VR-740), Human Immunodeficiency Virus Type 1† (HIV-1) (AIDS Virus) (Strain IIIIRF), Influenza A/Hong Kong (H1N1) (VR-544) and Vaccinia Virus (VR-119)

‡ Indicates a 2 minute contact time is required for this claim.

** Indicates that a dilution of 6 oz. per gal. of water is required for this claim.

NON-FOOD CONTACT SANITIZING PERFORMANCE: This product is an effective one-step sanitizer in 1 minute at 6 oz. per gallon of water 5% soil on hard, non-porous surfaces against: *Klebsiella pneumoniae* (ATCC 4352) and *Staphylococcus aureus* (ATCC 6538)

FUNGICIDAL PERFORMANCE: This product kills the following fungi in 10 minutes at 4 oz. per gallon of water with on hard, non-porous surfaces: Trichophyton mentagrophytes (ATCC 9533) Athlete's foot fungus a cause of Ringworm

IMPORTANT SAFETY INFORMATION:

**KEEP OUT OF REACH OF CHILDREN
WARNING**

FIRST AID

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 for treatment.

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: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

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.

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

SOLUTIONS FOR A CLEANER WORLD™



THEOCHEM LABORATORIES, INC. 7373 Rowlett Park Drive • Tampa, Florida 33610 • (813) 237-6463 • www.theochem.com

For chemical emergencies, call 1-800-255-3924 Provided by ChemTel Inc.



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DIRECTIONS FOR USE:

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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. A potable water rinse is required.

This product is not for use on medical device surfaces.

FOR USE AS A ONE-STEP DISINFECTANT/VIRUCIDE* CLEANER: Prepare a use solution of 4 oz. of this product per gal. of water for effectiveness against designated public health viruses on the label.

**For HBV and HCV use a 6 oz. per gal. prepared use solution.

1. Pre-clean heavily soiled areas.
2. Apply use solution to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray.
3. Treated surfaces must remain wet for 10 minutes.
4. 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.
5. 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)(associated with AIDS), 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 surface to remain wet for 2 minutes to kill HIV and 10 minutes for all other organisms.

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 surface to remain wet for 2 minutes to kill HIV and 10 minutes for all other organisms.

NON-FOOD CONTACT SANITIZING: Pre-clean heavily soiled areas. Add 6 oz. of this product per gal. of water. Apply solution to hard, non-porous surfaces a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Treated surfaces must remain wet for 1 minute. Prepare a fresh solution daily or when visibly dirty.

TO KILL FUNGI: Pre-clean hard, non-porous surfaces. Prepare use solution by adding 4 oz. of this product per gal. of water. Apply use solution to hard, non-porous surfaces. Allow surface to remain wet for 10 minutes. Wipe surfaces and let air dry.

FOR USE AS A DISINFECTANT IN FOOD SERVICE ESTABLISHMENTS:

1. Pre-clean heavily soiled areas.
2. Apply use solution of 4 oz. per gal. of water to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, by immersion, auto scrubber, mechanical spray device, coarse pump or trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray.
3. Treated surfaces must remain wet for 10 minutes.
4. 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.
5. When disinfecting food contact surfaces used for food preparation, rinse surfaces thoroughly with potable water. This product must not be used to clean the following surfaces: utensils, glassware, dishes or interior surfaces of processing equipment.
6. Prepare a fresh solution daily or when visibly dirty.

FOR USE AS A GENERAL CLEANER AND/OR DEODORIZER: Apply use solution of 4 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. For heavy-duty use, apply 8 oz. of this product per gal. of water to clean hard, non-porous surfaces.

PRECAUTIONARY STATEMENTS:

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WARNING. Causes substantial but temporary eye injury. Harmful if absorbed through the skin or inhaled. Avoid contact with skin and breathing spray mist. Do not get in eyes or on clothing. Wear goggles or face shield and 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 HAZARDS

This product is toxic to fish and aquatic invertebrates.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

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 HANDLING: Non-Refillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.