



chemex
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Technical Report

LEMON-E EXTRA

Neutral pH Disinfectant Cleaner

- Cleaner, Disinfectant, Sanitizer, Deodorizer, Fungicide, Mildewstat & Virucide
- Effective against COVID-19
- Kills Difficult & Multi-Drug Resistant Strains of Pathogenic Organisms



EPA REG. No. 10324-154-15567
EPA EST No. 15567-MA-10

Creative Chemicals Lemon-E Extra is a Neutral pH, phosphate-free formulation designed to provide effective cleaning, deodorizing and disinfection in areas where housekeeping is of prime importance in controlling the hazard of cross-contamination on treated surfaces. For use in athletic facilities, locker rooms, recreational facilities, health clubs, spas, schools, restaurants and bars, institutional kitchens, food storage areas, veterinary clinics, hospitals, medical and dental offices, health-care facilities and nursing homes. This product is a hard, non-porous non-food contact surface sanitizer.

Creative Chemicals Lemon-E Extra cleans, disinfects and deodorizes in one step. This product is a concentrated hospital use disinfectant that is effective against a broad spectrum of bacteria, is virucidal* (including Human Coronavirus**) and fungicidal, and eliminates odor causing bacteria when used as directed. This product, when used as directed, can be used to disinfect, clean and deodorize on washable hard, non-porous surfaces such as: floors, walls, metal, stainless steel, glazed porcelain, glazed ceramic tile, plastic, vanity tops, shower stalls, bathtubs, and cabinets.

**EPA List N: Disinfectants for Use Against SARS-CoV-2 which causes the disease COVID-19.

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This product is an effective fungicide against Trichophyton mentagrophytes in the presence of 5% blood serum and Candida albicans on hard, non-porous surfaces in the presence of 5% blood serum and 400 ppm water hardness as CaCO₃ on bathroom surfaces when used on hard, non-porous surfaces in areas such as locker rooms, dressing rooms, shower and bath areas, exercise facilities.

USES: One-step hospital disinfectant, fungicide, virucide, deodorizer and cleaner; non-food contact surface sanitizing; to control mildew; sewer backup and river flooding; carpets, carpet cushions, upholstery, drapes and other porous materials, subfloors, drywall, trim and frame lumber, tackless strip and paneling; water and smoke damage restoration; animal premises.

DISINFECTION PERFORMANCE: This product kills the following bacteria in 10 minutes at 2 oz. per gal. of 400 ppm hard water (660 ppm active) and 5% soil on hard, non-porous surfaces: Acinetobacter baumannii, Acinetobacter Iwoffii, Bordetella bronchiseptica, Chlamydia psittaci, Citrobacter freundii, Enterobacter agglomerans, Enterobacter aerogenes, Enterobacter cloacae, Escherichia coli, Escherichia coli O157:H?, Escherichia coli (Carbapenem Resistant), Escherichia coli (Extended Spectrum B-Lactamase) (ESBL), Escherichia coli (Tetracycline Resistant), Enterococcus faecalis, Enterococcus faecalis (Vancomycin Resistant) (VRE), Enterococcus hirae, Fusobacterium necrophorum, Klebsiella oxytoca, Klebsiella pneumoniae, Klebsiella pneumoniae (Carbapenem Resistant), Listeria monocytogenes, Micrococcus luteus, Pasturella multocida. Proteus vulgaris, Pseudomonas aeruginosa. Pseudomonas aeruginosa (flexneri, Tetracycline Resistant), Pseudomonas cepacia, Salmonella enterica, Salmonella enteritidis, Salmonella enterica serotype pullorum, Salmonella typhi, Salmonella typhimurium, Serratia marcescens, Shigella Shigella sonnei, Staphylococcus aureus, Staphylococcus aureus (Community Associated Methicillin Resistant) (CA-MRSA) (Genotype USA 300). Staphylococcus aureus (Community Associated Methicillin Resistant) (CA-MRSA) (Genotype USA 400). Staphylococcus aureus (Methicillin Resistant) (MRSA). Staphylococcus epidermidis, Staphylococcus epidermidis (Ampicillin Cefazolin, Oxacillin, Penicillin Resistant), Streptococcus agalactiae. Staphylococcus haemolyticus, Streptococcus pneumoniae, Streptococcus pyogenes, Streptococcus mutans, Staphylococcus aureus (Vancomycin Intermediate Resistant) (VISA). Vibrio cholera. Yersinia enterocolitica.

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MILDEWSTATIC PERFORMANCE: This product controls the following mold at 2 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces for up to 7 days: *Aspergillus niger*.

FUNGICIDAL PERFORMANCE: This product kills the following fungi in 10 minutes at 2 oz. per gal. of 400 ppm hard water and 5% soil on hard, non-porous surfaces: *Candida albicans*, *Trichophyton mentagrophytes* (Athlete's foot fungus).

VIRUCIDAL' PERFORMANCE: This product kills the following viruses in 10 minutes at 2 oz. per gal. of 400 ppm hard water (660 ppm active) and 5% soil on hard, non-porous surfaces: Avian Influenza A (H5N1) Virus, Avian Influenza A (H3N2) Virus, Cytomegalovirus (AD-169), Coronavirus (SARS-associated), Hepatitis B Virus (HBV), Hepatitis C Virus (HGV), 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 (H3N2) Virus, Respiratory Syncytial Virus (VR-26), Vaccinia Virus (VR-119).

ANIMAL PREMISE VIRUCIDAL' PERFORMANCE: This product kills the following viruses in 10 minutes at 2 oz. per gal. of 400 ppm hard water (660 ppm active) and 5% soil on hard, non-porous surfaces: Avian Infectious Bronchitis Virus, Avian Influenza A Virus (H5N1), Avian Influenza A Virus.

NON-FOOD CONTACT SANITIZING PERFORMANCE: This product is an effective one-step sanitizer in 3 minutes at 2 oz. per gal. of 400 ppm hard water (660 ppm active) and 5% soil on hard, non-porous surfaces: *Klebsiella pneumoniae*, *Staphylococcus aureus*

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DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Rinse hard, non-porous food contact surfaces with potable water after application of product. This product is not for use on medical device surfaces.

A HOSPITAL DISINFECTANT, FUNGICIDE, VIRUCIDE – DEODORIZER CLEANER

1. Pre-clean heavily soiled areas.
2. Apply use solution of 2 oz. of this product per gal. of water to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, hand pump trigger spray device, coarse trigger spray device. For spray application, 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.

Creative Chemicals

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