**citriGuard II**

**Hospital Disinfectant/Cleaner**

**TUBERCULOCIDAL • VIRUCIDE • DISINFECTANT FUNGICIDE** (against pathogenic fungi)

**ACTIVE INGREDIENTS:**
- n-Alkyl (60% C14:30% C16:5% C18:5% C24:3%) dimethyl benzyl ammonium chlorides
- n-Alkyl (66% C14:32% C16) dimethyl ethylbenzyl ammonium chlorides

0.105%

**INERT INGREDIENTS:**

98.790%

**TOTAL:**

100.000%

**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 critical or semi-critical medical device surfaces.

This product is designed specifically as a general non-acid cleaner and disinfectant for use in homes and hospitals where housekeeping is of prime importance in controlling the hazard of cross-contamination. It is formulated to disinfect hard, non-porous, inanimate environmental surfaces: floors, walls, metal surfaces, stainless steel surfaces, glazed porcelain, glazed ceramic tile, plastic surfaces, bathrooms, shower stalls, bathtubs, and cabinets. For plastic and painted surfaces, spot test on an inconspicuous area before use. May be used in the kitchen on countertops, sinks, appliances, and countertops. A rinse with potable water is required for surfaces in direct contact with food.

**DISINFECTION, DEODORIZING AND CLEANING** — Remove gross filth or heavy soil prior to application of the product. Hold container six to eight inches from surface to be treated. Spray area until it is covered with the solution. Allow product to penetrate and the surface to remain wet for 3 minutes (for Bloodborne Pathogens: allow surface to remain wet for HIV-1 1 minute and for HBV and HCV 5 minutes). No scrubbing is necessary. Wipe off with a clean cloth, mop, or sponge. The product will not leave grout or soap scum.

**Disinfection of animal quarters and kennels:** For disinfection of pre-cleaned animal quarters and kennels, apply the product. Remove all animals and feed from premises. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all troughs, racks, and other feeding and water-supplying appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Treat the surface with the disinfecting solution for a period of 3 minutes (for Feline Calicivirus and Rabies virus 30 seconds) for feline Parvovirus 10 minutes. Ventilate building and other close spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. All treated equipment that will contact food or drinking water must be rinsed with potable water before use.

Using approved AGAC test methods, in the presence of 5% blood serum and a 3 minute contact time, unless otherwise noted, this product kills the following organisms on hard, non-porous inanimate surfaces:

**BACTERICIDAL ACTIVITY:**
- Pseudomonas aeruginosa, Escherichia coli, Salmonella (Shigellosis) enterica, Staphylococcus aureus, Enterococcus faecalis, Enterococcus faecalis, Enterococcus faecium, Enterococcus faecalis
- Corynebacterium ammoniagenes, Escherichia coli, Staphylococcus aureus, Enterococcus faecalis
- Strains of Aeromonas hydrophila

**ANTIMICROBIAL RESISTANT:**
- Methicillin resistant Staphylococcus aureus (MRSA), Vancomycin resistant Enterococcus faecalis (VRE), Vancomycin intermediate resistant Staphylococcus aureus (VISA), Methicillin resistant Staphylococcus epidermidis (MRSE), Community Associated Methicillin resistant Staphylococcus aureus (CA-MRSA)
- MRSA (302) Genotype USA-400, Community Acquired Methicillin resistant Staphylococcus aureus (CA-MRSA), (NR 384) Genotype USA-400.

**TUBERCULOCIDAL ACTIVITY** — This product exhibits disinfectant efficacy against Mycobacterium tuberculosis BCG at 29 degrees Centigrade when the treated surface is allowed to remain wet for 5 minutes.

**VIRUCIDAL ACTIVITY** — This product kills on hard, non-porous inanimate surfaces when allowed to remain wet for a 10 minute contact time against: Canine Parvovirus, Hepatitis A virus (HAV), Poliovirus Type 1. This product, when used on environmental, inanimate hard surfaces exhibits virucidal activity against: Hepatitis B Virus (HBV) (Hepadnaviridae Family); HGV (Hepadnaviridae Family); and HCV and HIV-1 (HIV-1) for 3 minutes; Parainfluenza Virus (Pmpms), Rhinovirus type 29 and Rotavirus (University of Ottawa) for 3 minutes; HIV-1 (associated with AIDS) (Advanced Biotechnologies, Inc.) for 1 minute (60 seconds); and Norovirus (Norwalk virus), Feline Calicivirus (University of Ottawa), and Rabies Virus (CDD for 30 seconds).

**KILLS HIV-1, HBV AND HCV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings:**
- Hospitals, Nursing Homes, other settings in which there is an expectation of blood or blood products or body fluids and in which surfaces or objects likely to be touched by 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:**

When handling items soiled with blood or body fluids use disposable latex gloves, goggles, masks, or eye coverings.

**CLEANING PROCEDURES:**

Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

**CONTACT TIME.**

Allow surface to remain wet for HIV-1 5 minutes, for HIV-1 1 minute. These contact times will not control other common types of viruses and bacteria.

**DISPOSAL OF INFECTIOUS MATERIALS.**

Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

**FUNGICIDAL ACTIVITY** — This product is fungicidal against the pathogenic fungus, Trichophyton mentagrophytes (Athlete’s Foot Fungus) a cause of ringworm of the foot, when used with a 10 minute contact time on non-porous, hard surfaces as found in bathrooms, shower stalls, locker rooms, or other areas commonly contacted by bare feet.

**MILDETWIST** — To control mold and mildew on pre-cleaned, hard, non-porous surfaces spray surface to be treated making sure to wet completely. Let air dry. Repeat application at weekly intervals or when mildew growth appears.

**EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT**

**IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).**

**PRECAUTIONARY STATEMENTS**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

**KEEP OUT OF REACH OF CHILDREN**

See back panel for additional precautionary statements.

**EPA Reg. No. 1839-83-67454**
**EPA Est. No. 4313-TX-1**
**U.S. PATENT NO. 5,444,094**

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**FOR USE IN MEDICAL FACILITIES ONLY.**

**WARNING**

Do not use on porous surfaces or materials that may be damaged by moisture.

**STORAGE AND DISPOSAL**

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

Store in a dry place in containers in a dry place in temperature of 50°F or higher. Do not re-use empty containers. Wrap container and put in trash.