

ECOGUARDIAN

24/7 Protection

QUATERNARY AMMONIUM SANITIZER

Our products represent 3 main qualities in the control of cross contamination:

DECONTAMINATE - DISINFECT - SANITIZE

- Bactericide
- Virucide
- Phosphate free and biodegradable
- No-rinse disinfectant
- Antimicrobial
- Meets AOAC use-dilution Test Standards for hospitals disinfectants

According to criteria established by the US Environmental Protection Agency ("EPA") for registration and labeling of a disinfectant product as a **virucide**, this product has demonstrated **disinfectant** efficacy against:

- Adenovirus Type 5
- Avian Influenza A/Turkey/Wisconsin (ATCC VR-798)
- Bovine Viral Diarrhea Virus (BVDV)
- Hepatitis B (HBV) (Duck Hepatitis B Virus-DHBV)
- Hepatitis C (HCV) (Bovine Viral Diarrhea Virus-BVDV)
- Herpes Simplex Type 1 (Sabin)
- Human Coronavirus (ATCC VR-740, strain 229E)
- Human Immunodeficiency Virus (HIV-1), strain HTLV-IIIb (associated with AIDS)
- Influenza A2 (Japan 305/57)
- Laryngotracheitis (LIVAX)
- Newcastle Disease Virus (strain H.J. Roakin, 1946)
- Pandemic 2009 H2N1 Influenza A Virus
- Porcine Respiratory & Reproductive Syndrome Virus (PRRSV, Strain NVSL)
- SARS associated Coronavirus (ZeptoMetrix)
- Vaccinia (Wyeth)

According to criteria established by the US EPA for registration and labeling of a disinfectant product as a **bactericide**, this product has demonstrated **disinfectant** efficacy against:

- *Staphylococcus aureus* (ATCC 6538)
- *Salmonella enterica* (ATCC 10708)
- *Listeria monocytogenes* (ATCC 35152)
- *Yersinia enterocolitica* (ATCC 23715)
- *Pseudomonas aeruginosa* (ATCC 15442)
- Vanomycin intermediate resistant *Staphylococcus aureus* (VISA)(HIP-5836)
- *Xanthomonas axonopodis* pathovar *citri* (citrus canker)(USDA Permit No 46190)

According to criteria established by the US EPA for registration and labeling of a disinfectant product as a **sanitizer**, this product has demonstrated **disinfectant** efficacy on **food contact surfaces** against:

- *Staphylococcus aureus* (ATCC 6538)
- *Escherichia coli* (ATCC 11229)
- *Listeria monocytogenes* (ATCC35152)
- Methicillin resistant *Staphylococcus aureus* (ATCC 33592)
- *Salmonella typhi* (ATCC 11060)
- *Shigella sonnei* (ATCC 6539)
- Vancomycin resistant *Enterococcus faecalis* (ATCC 51299)
- *Vibrio cholera* (ATCC 14035)
- *Yersinia enterocolitica* (ATCC 23715)
- In higher concentration on food processing equipment/utensils only:
 - *Klebsiella pneumoniae* (ATCC 4352)