**SPARK 64**

- **Disinfectant - Virucide**

For Home, Hospital, Institutional and Industrial Use

Kills Pathogenic Bacteria (Microbial Pathogen Group), Viruses (HIV-1, HBV, HCV, Norovirus), Fungi (Candida species), and Bacteria (Escherichia coli, Klebsiella pneumonia, Salmonella enterica, Staphylococcus aureus, Methicillin resistant Staphylococcus aureus (MRSA), Vancomycin intermediate resistant Staphylococcus aureus (VISA), Streptococcus pyogenes, Klebsiella pneumoniae New Delhi Metallo-Beta Lactamase (NDM-1) Carbapenem Resistant Enterobacteriaceae (CRE), Bacterial biofilms (i.e., biofilm in water systems, restrooms, shower heads, and sinks), and Bacterial spores.

**FUNGICIDAL ACTIVITY**

- At 8 ounces per gallon or equivalent dilution rate (2812 ppm (mg/L) active quat), Spark 64 is effective against the following viruses on hard non-porous environmental surface with a 10 minute contact time: adenoviruses (types 1 and 2), enterovirus 71, influenza A and B, rhinovirus 1 to 14, SARS Associated Coronavirus, Porcine Respiratory & Enteric Coronavirus (PRRSV) (Strain TGEV), Norovirus, Reovirus (Strain 4372), and Rotavirus (Strain P66/68/70). See side panel for additional precautionary statements.

**SPARK 64** - At the 2 ounces per gallon dilution, Spark 64 is also fungicidal against the pathogenic fungi, Trichophyton mentagrophytes (causative agent of Athlete’s Foot disease, Canine Gastroenteritis), Canine Parainfluenza Virus (causative agent of viral Kennel Cough), Feline Panleukopenia (Feline Parvovirus), Feline Rhinotracheitis (causative agent of Feline Calicivirus), and Mucorales.

**ACTIVE INGREDIENTS**

Alkyl (C8-13) dimethyl benzyl ammonium chlorides (2.5%)

**REINFORCEMENT**

50% inhibited (Kills Carbapenem Resistant Enterobacteriaceae (CRE), Bacterial biofilms (i.e., biofilm in water systems, restrooms, shower heads, and sinks), and Bacterial spores).

**KILLS**

- Vaccinia virus (representative of the Pox virus group), Human Coronavirus (ATCC VR-740, Strain 229E), Human Immunodeficiency Virus Type I (HIV-1), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), Paramyxovirus (Influenza A), Rhabdovirus (Rabies), Coronaviruses (Human Coronavirus, Porcine Respiratory & Enteric Coronavirus (PRRSV) (Strain TGEV), Norovirus, Reovirus (Strain 4372), and Rotavirus (Strain P66/68/70)), Herpesviruses (HSV, VZV), and Adenoviruses (types 1 and 2)

**EFFICACY TESTS HAVE DEMONSTRATED THAT THIS PRODUCT IS AN EFFECTIVE BACTERICIDE, FUNGICIDE, AND VIRUCIDE IN THE PRESENCE OF ORGANIC SOIL (5% BLOOD SERUM).**

**DIRECTIONS FOR USE**

- **Dampen** surfaces to be disinfected, and vigorously rub in a total of 2 ounces per gallon of Spark 64 per gallon of water. For heavily soiled areas, a pre-cleaning step is required. Prepare a fresh solution each day.

**Surface Disinfection**

Spray at a rate of 2 ounces per gallon or 2812 ppm (mg/L) active quat. Apply SPARK 64 to soiled area with a mop, cloth, sponge, hand pump trigger sprayer, or hand sprayer or disposable moistened wipes. Allow surface to remain wet for 10 minutes. Follow the label directions for use. Thoroughly rinse soiled surfaces with water for at least 15-20 minutes. Call poison control center or doctor for treatment advice.

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