

# INTERMEDIATE LEVEL SURFACE DISINFECTION



Accelerated Hydrogen Peroxide (AHP) is a cleaner & disinfectant designed for use in high risk areas such as (but not limited to) long term care facilities, hospitals, emergency services and isolation rooms where the requirement for broad-spectrum germicidal performance in short contact times is required, including: BP cuffs, stethoscopes, haemodialysis units, and patient care monitors. AHP is proven effective as an Intermediate Level Disinfectant for non-critical medical devices, and environmental surfaces.

**DISINFECTION OF NON-POROUS HAND CONTACT SURFACES:** Apply disinfectant to surface with cloth or disposable wipe. Ensure surface remains wet for 1 minute at 20°C. No rinsing is required, however, as with most chemistry, periodic damp wiping of soft surfaces and high risk equipment is considered best practice.

**BROAD-SPECTRUM SANITIZING:** Apply disinfectant to surface with cloth or disposable wipe. Ensure surface remains wet for 30 seconds at 20°C. Wipe

## EFFICACY DATA SUMMARY

### BROAD-SPECTRUM SANITIZING IN 30 SECONDS AT 20°C ON HARD, NON-POROUS ENVIRONMENTAL SURFACES.

*Klebsiella pneumoniae* (ATCC 4352)  
*Salmonella choleraesuis* (ATCC 10708)  
*Pseudomonas aeruginosa* (ATCC 15442)  
*Staphylococcus aureus* (ATCC 6538)  
*Staphylococcus aureus* MRSA (ATCC 33592)  
*Enterococcus faecalis* VRE (ATCC 51575)  
*Escherichia coli* 0157:H7 (ATCC 35150)

Sanitizing activity was determined by the EPA Sanitizer Test for Inanimate, Non-Food Contact Surfaces and ASTM E113 Standard Test for Efficacy of Sanitizers Recommended for Inanimate non-Food Contact Surfaces.

### HOSPITAL DISINFECTANT: BACTERICIDAL IN THE PRESENCE OF 5% SERUM LOAD AND 1 MINUTE CONTACT TIME AT 20°C ON HARD, NON-POROUS ENVIRONMENTAL SURFACES.

*Pseudomonas aeruginosa* (ATCC 15442)  
*Staphylococcus aureus* (ATCC 6538)  
*Salmonella choleraesuis* (ATCC 10708)  
*Escherichia coli* 0157:H7 (ATCC 35150)  
*Staphylococcus aureus* MRSA (ATCC 33592)  
*Enterococcus faecalis* VRE (ATCC 51575)  
*Acinetobacter baumannii* (ATCC 196060)

Bactericidal activity was determined by the AOAC Use Dilution Test Method.

### FUNGICIDAL IN THE PRESENCE OF 5% SERUM LOAD AND 10 MINUTE CONTACT TIME AT 20°C ON HARD, NON-POROUS ENVIRONMENTAL SURFACES.

*Trichophyton mentagrophytes* (ATCC 9533)

Fungicidal activity was determined by the AOAC Fungicidal Activity of Disinfectants Method.

### VIRUCIDAL IN THE PRESENCE OF 5% SOIL LOAD AND 1 MINUTE CONTACT TIME AT 20°C ON HARD, NON-POROUS ENVIRONMENTAL SURFACES.

Poliovirus Type 1, Strain Brunhilde (ATCC VR-1000)  
HIV-1 (AIDS Virus), Strain HTLV-III B (HIV-1)  
Feline Calicivirus, Strain F9 (ATCC VR-782)  
Human Coronavirus Strain 229E (ATCC VR-740)  
Herpes Simplex Virus, Type 1 (HSV-1) (ATCCVR-733)  
Herpes Simplex Virus, Type 2 (HSV-2) (ATCCVR-734)  
Rhinovirus Type 37, Strain 151-1 (ATCC VR-1147)  
Rotavirus WA  
Bovine Viral Diarrhea Virus, NADL Strain (HCV)  
Hepatitis B Virus (DHBV 16 Strain)  
Influenza A Virus (ATCC VR-544)  
Avian Influenza (H3N2) Virus (ATCC VR-2072)

Virucidal activity was determined by the efficacy test methods for virucidal agents intended for inanimate environmental surfaces; ASTM 1053-97

Standard Test Method for Efficacy of Virucidal Agents Intended for Inanimate Environmental Surfaces and EPA protocols for surrogate viral testing.

### TUBERCULOCIDAL IN THE PRESENCE OF 5% SERUM LOAD AND 5 MINUTE CONTACT TIME AT 20°C ON HARD, NON-POROUS ENVIRONMENTAL SURFACES.

*Mycobacterium bovis* (BCG) (OT 451C150)

Tuberculocidal activity was determined by the EPA Quantitative Tuberculocidal Activity Test Method.

## TOXICITY DATA SUMMARY

### ACUTE ORAL TOXICITY

The acute oral LD50 is greater than 5000 mg/kg. Oral Toxicity was determined by US EPA OPPTS 870.1100.

### ACUTE DERMAL TOXICITY

The acute dermal LD50 is greater than 5050 mg/kg. Dermal Toxicity was determined by US EPA OPPTS 870.1200.

### ACUTE INHALATION TOXICITY

The acute inhalation LC50 is greater than 2.59 mg/L. Acute Inhalation was determined by US EPA OPPTS 870.1300.

### ACUTE EYE IRRITATION

Based on the Maximum Average Irritation Score of 0.0, the product is considered to be non-irritating and has been assigned to Toxicity Category IV\*. Acute Eye Irritation was determined by US EPA OPPTS 870.2400.

### ACUTE DERMAL IRRITATION

Based on the Primary Irritation Index of 0.1, the product is considered to be slightly-irritating and has been assigned to Toxicity Category IV\*. Acute Dermal Irritation was determined by US EPA OPPTS 870.2500.

### SKIN SENSITIZATION

A stimulation index of <3 was produced. The product is therefore not considered a sensitizer. Skin Sensitization was determined by US EPA Health Effects Test Guideline OPPTS 870.2600.

\*as per US EPA classification, no cautionary wording is required for AHP, other than Keep Out of Reach of Children.



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