



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.

EFFICACY DATA SUMMARY

BROAD-SPECTRUM NON-FOOD CONTACT SANITIZING IN THE PRESENCE OF 5% SERUM LOAD AND 30 SECOND CONTACT TIME 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.

VIROCIDAL IN THE PRESENCE OF 5% SERUM 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-IIIB (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 (DHBV16 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.

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.

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.

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.



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.

Claims backed by third party validation. All reports found on the Virox website: www.virox.com.



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