

# VIROX<sup>5</sup>

## ACCELERATED<sup>™</sup>

### HYDROGEN PEROXIDE

USA PAT#: 6,346,279  
CAN PAT#: 2,344,471



Virox AHP 5 is a cleaner & disinfectant designed for use in many areas such as (but not limited to) daycares, schools, call centres, long term care facilities, hospitals and emergency services where the requirement for broad-spectrum germicidal performance in short contact times is required, including: toys, diapering areas, gym equipment, keyboards, BP cuffs, stethoscopes, patient care monitors and all hand contact surfaces. Virox AHP 5 is proven effective as a Low Level Disinfectant for non-critical medical devices and environmental surfaces.

**DISINFECTION OF NON-POROUS HAND CONTACT SURFACES:** Apply to surface with cloth or disposable wipe. Ensure surface remains wet for at least 5 minutes at 20°C. Wipe dry. Food contact surfaces require rinsing with potable water. Periodic rinsing of soft surfaces is recommended.

**BROAD-SPECTRUM SANITIZING:** Apply to surface, allow surface to remain wet for 30 seconds. Wipe dry. Food contact surfaces require rinsing with potable water. Periodic rinsing of soft surfaces is recommended.

#### EFFICACY DATA SUMMARY

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

*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* (MEA Isolate)  
*Escherichia coli* (ATCC 25404)  
*Campylobacter jejuni* (ATCC 33560)  
*Listeria monocytogenes* (ATCC 19112)  
*Acinetobacter baumannii*

Germicidal activity was determined in accordance with the Canadian General Standards Board's standard CAN/CGSB-2.161-97.

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

*Pseudomonas aeruginosa* (ATCC 15442)  
*Staphylococcus aureus* (ATCC 6538)  
*Salmonella choleraesuis* (ATCC 10708)  
*Staphylococcus aureus MRSA* (ATCC 51299)  
*Enterococcus faecalis VRE* (ATCC 29247)  
*Acinetobacter baumannii*

Germicidal activity was determined in accordance with the Canadian General Standards Board's standard CAN/CGSB-2.161-97.

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

Avian Influenza (H3N2) Virus (Avian Reassortant) (ATCC VR-2072)  
Poliovirus Type 1, Sabin Strain (ATCC VR-192)  
Human Immunodeficiency virus type 1 (HIV-1)  
Noroviruses (Norwalk & Norwalk-like viruses)  
Human Coronavirus (ATCC VR-740)  
Human Rhinovirus Type 14 (ATCC VR-1059)  
Human Rotavirus WA strain (ATCC VR-2018)  
Canine Parvovirus (ATCC VR-2017)  
Duck Hepatitis B  
Human Hepatitis C

Virucidal activity was determined by the ASTM International E2197-02 Quantitative Carrier Test (QCT) Method. Canine Parvovirus activity was determined by ASTM International 1053-97 Standard Test Method for Efficacy of Virucidal Agents Intended for Inanimate Environmental Surfaces.

#### TOXICITY DATA SUMMARY

Toxicity testing was conducted at the Use Dilution of 0.5% AHP.

##### **ACUTE ORAL TOXICITY**

The acute oral LD50 is greater than 2000 mg/kg. OECD Guidelines classify compounds in which the survival rate of animals is 100% at 2000 mg/kg as being "compounds that do not present a significant acute toxic risk if swallowed".

Oral Toxicity was determined by OECD Method 420.

##### **ACUTE EYE IRRITATION / CORROSION**

Based on the Maximum Average Irritation Score the product is considered to be non-irritating.

Acute Eye Irritation was determined by OECD Method 405.

##### **ACUTE DERMAL IRRITATION / CORROSION**

Based on the Primary Irritation Index of 0.0, the product is considered to be non-irritating.

Acute Dermal Irritation was determined by OECD 404.

##### **DAPHNIA MAGNA AQUATIC TOXICITY**

The Acute 48hr EC50 is 0.37 mL/L.

Daphnia magna Aquatic Toxicity was determined by OECD 202, Acute Immobilization and Reproduction Test.

##### **RAINBOW TROUT AQUATIC TOXICITY**

The Acute 96hr LC50 is 1.77 mL/L.

Rainbow trout Aquatic Toxicity was determined by OECD 203, Fish Acute Toxicity Test.

##### **VOLATILE ORGANIC COMPOUNDS (VOCs)**

The Chamber Emissions test reported VOCs to be less than the Method Detection Limit (MDL) of 0.05 mg/m<sup>2</sup>.h determining that the product is considered to be VOC free.

Volatile Organic Compound (VOC) emissions was determined by ASTM D5116 Small Chamber Building Material/Products Test.

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