

# HYDROTHERAPY TUB DISINFECTION



Accel Hydrotherapy+ is designed for use as a disinfectant for foot baths and hydrotherapy tubs in higher risk environments such as (but not limited to) long term care facilities, spas, burn units and physiotherapy centres where the requirement for broad-spectrum germicidal performance in a short contact time is required. Accel Hydrotherapy+ carries a five minute disinfectant contact time against vegetative bacteria, enveloped and non-enveloped viruses and fungi.

**INITIAL INTRODUCTION PURGING:** Fill tub with cool water to above the water jet line. Add Accel Hydrotherapy+ at 1:16 (1 part Accel Hydrotherapy+ to 15 parts of water). Allow Accel Hydrotherapy+ to sit in tub lines for a minimum of 5 minutes to facilitate the removal of biofilms. To reduce the generation of foam, add Dow Corning Antifoam (Antifoam 1410 or Antifoam C - contact Virox Technologies Inc. for product distribution). Detailed protocols for Foot Baths, Birthing Tubs, Turbine or Jetted Hydrotherapy Tubs can be found on the Virox website at [www.virox.com](http://www.virox.com).

**DISINFECTING AND PREVENTION OF BIOFILM FORMATION:** Fill tub with cool water to above the water jet line. Add Accel Hydrotherapy+ at 1:16 (1 part Accel Hydrotherapy+ to 15 parts of water). Turn on the pump to circulate. Let stand for 5 minutes. Surfaces inside tub can be scrubbed with a brush or washed with a sponge or cloth. Drain tub. Re-fill tub with cool water to above the jet e the jet line. Turn on jets for 1 minute to rinse. Drain tub.

**BROAD-SPECTRUM SANITIZING MAINTENANCE:** Fill tub with cool water to above the water jet line. Add Accel Hydrotherapy+ at 1:128 (1 part Accel Hydrotherapy+ to 127 parts of water). Turn on the pump and allow the water to circulate for 30 seconds. Ensure surfaces have been scrubbed. Drain then rinse.

## EFFICACY DATA SUMMARY

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

*Pseudomonas aeruginosa* (ATCC 15442)  
*Staphylococcus aureus* (ATCC 6538)  
Methicillin-resistant *Staphylococcus aureus* (MRSA)  
Vancomycin-resistant *Enterococcus faecalis* VRE (ATCC 51575)

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)

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

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

*Trychophyton mentagrophytes* (ATCC 9533)

Fungicidal activity was determined in accordance with the Canadian General Standards Board's Standard CAN/CGSB-2.161-M97

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

Polio Virus, Sabin strain type 1 (ATCCVR-192)

Virucidal activity was determined by the ASTM International E2197-02 Quantitative Carrier Test (QCT) Method.



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