

# SURFACE DISINFECTION (Concentrate)



Accel Surface Cleaner & Disinfectant is a cleaner and disinfectant designed for use in many areas such as (but not limited to) daycares, call centres, long term care facilities, hospitals, laboratories and emergency services where the requirement for broad-spectrum germicidal performance in short contact times is required, including: toys, diapering areas, keyboards, BP cuffs, stethoscopes, bench tops, fume hoods, patient care monitors and all hand contact surfaces.

Accel Surface Cleaner & Disinfectant is proven effective as a Low Level Disinfectant for non-critical devices and environmental surfaces.

USE DILUTION MADE EASY		
RATIO	PER LITRE OF WATER	PER 32 oz. OF WATER
1:16	64 ML	2 OZ
1:64	16 ML	1 OZ

**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. 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 O157: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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