

**OPTIM<sup>®</sup>**

OPTIM<sup>®</sup> cleaners, disinfectants and sterilants...  
Quick, Clean and Green!



**SciCan**  
A HIGHER STANDARD



**NEW SUPERBUGS!**  
**RESISTANT BACTERIA!**  
**CHALLENGING VIRUSES!**

**1** MINUTE  
 Tuberculocide,  
 Virucide, Bactericide

**OPTIM 33TB**

Today's world is full of challenging viruses and bacteria. Did you know that Norwalk-like viruses (Feline Calicivirus), Polio virus and even a common cold virus (Rhinovirus) are resistant to many surface disinfectants? OPTIM 33 TB Surface Cleaner & Intermediate Level Disinfectant kills them all in **1 minute!**

- OPTIM 33 TB also has a **1 minute** claim against: Mycobacterium TB, Human Coronavirus (SARS), HIV-1, Hepatitis B, Hepatitis C, Avian Influenza (Bird Flu), *Salmonella*, *E.Coli*, *Pseudomonas*, *Staphylococcus aureus*, MRSA and other viruses & bacteria\*.
- In addition, OPTIM 33 TB achieves 99.999% broad-spectrum kill (5 log reduction) of vegetative bacteria in **30 seconds!**

**OPTIM's AHP Technology widely recognized in North America**

- Centers for Disease Control (CDC) in Atlanta recommends AHP for vessel decontamination for cruise lines. CDC Guidelines December 13th, 2002
- Provincial Infectious Diseases Advisory Committee (PIDAC) Best Practices For Cleaning, Disinfection, and Sterilization In All Health Care Settings (April 2006) includes Accelerated Hydrogen Peroxide as a recognized surface and instrument disinfectant.
- Most hospitals in Canada use AHP-based infection control products.
- OPTIM 33 TB is a leading disinfectant in dental offices in Canada.
- DIN 02282488 (OPTIM 33TB liquid)
- DIN 02285347 (OPTIM 33TB wipes)



\* Please refer to the Microbiological Effectiveness Table for further details.

# OPTIM 33 TB – Surface Cleaner & Intermediate Level Disinfectant

OPTIM 33 TB is the optimal choice for surface disinfection, due to its unsurpassed health, safety and environmental profile:

- No VOC's (Volatile Organic Compounds)
- Non-irritating to eyes and skin (according to criteria established under OECD)
- No noxious fumes
- Non-flammable
- No waste treatment required
- Biodegradable, decomposing to water and oxygen within moments of being properly discharged into a drainage system

GERMICIDE TYPE	NON-IRRITANT, NO VOC'S				SUPERIOR CLEANING EFFICACY				ENVIRONMENTALLY-FRIENDLY				SAFER TO USE			
	AHP (OPTIM)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	
Alcohols	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
Quats + Alcohol	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
Phenolics	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
Chlorine	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	
Quats	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	

OPTIM 33 TB means safer infection control for you, your staff, your patients and the environment!

## AREAS OF USE IN THE DENTAL PRACTICE

- Entire Dental unit, cuspidor, overhead lamp & handles
  - Operatory surface, trays, counters, plastics, pens
    - X-ray machines, sinks, cabinet handles
- Computer keyboards, doorknobs, bathrooms, telephones, light switches

## BENEFITS

- No drying / cracking
- Does not evaporate quickly like alcohol-based formulas
  - Cleaning & disinfection in one solution
- Exceptional cleaning results – proper base for successful disinfection
  - Safer and environmentally friendly



## OPTIM 33 TB Leading Edge Technology

OPTIM 33 TB surface cleaner and disinfectant is formulated with AHP, a globally patented technology. The active ingredient – 0.5 % Hydrogen Peroxide. Accelerated Hydrogen Peroxide (AHP) is a synergistic blend of commonly used, safe ingredients that, when combined with low levels of hydrogen peroxide, produces exceptional potency as a germicide and performance as a cleaner. These claims are all backed with governmental registrations and extensive third party analysis.



## OPTIM 33 TB Microbiological Effectiveness:

### TEST ORGANISM

### CONTACT TIME

#### VIRUCIDAL

Poliovirus Type 1, Strain Brunhilde which allows for a general virucidal claim against most enveloped and non-enveloped viruses, HIV-1 Human Immunodeficiency virus (HIV), Strain HTLV-III B (HIV-1), Feline Calicivirus, as a surrogate for Norwalk and Norwalk-like viruses, Human Coronavirus, Influenza A, Strain Hong Kong, Herpes Simplex Virus, Type 1 (HSV-1), Herpes Simplex Virus, Type 2 (HSV-2), Rhinovirus Type 37, Strain 151-1, Rotavirus, Strain WA, Hepatitis C Virus (HCV)

1 Minute (at 20°C)

#### BACTERICIDAL

*Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Salmonella choleraesuis*, *Echerichia Coli* 0157:H7, *Staphylococcus aureus* MRSA, *Gentamycin* and *Methicillin* resistant (MRSA), *Enterococcus faecalis* VRE, *Acinetobacter baumannii*

1 Minute (at 20°C)

#### TUBERCULOCIDAL

*Mycobacterium terrae*

1 Minute (at 20°C)

#### BROAD-SPECTRUM SANITIZING

*Klebsiella pneumoniae*, *Salmonella choleraesuis*, *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Staphylococcus aureus* MRSA, *Enterococcus faecalis* VRE, *Echerichia Coli* 0157:H7

30 seconds (at 20°C)

### OPTIM 33 TB Ordering information (2 year shelf life):

SCI3312X1-ALOE	OPTIM 33 TB Surface Cleaner & Intermediate Level Disinfectant with Aloe Scent, 12 x 1L (ready to use)
SCI334X4	OPTIM 33 TB Surface Cleaner & Intermediate Level Disinfectant, 4 x 4L (ready to use)
SCI334X4-ALOE	OPTIM 33 TB Surface Cleaner & Intermediate Level Disinfectant with Aloe Scent, 4 x 4L (ready to use)
SCI33W12	OPTIM 33 TB RTU Wipes - Surface Cleaner & Intermediate Level Disinfectant, unscented (12 x 160 sheets)
SCI33W12-ALOE	OPTIM 33 TB RTU Wipes - Surface Cleaner & Intermediate Level Disinfectant with Aloe Scent (12 x 160 sheets)
SCI33R18	OPTIM 33 TB Wipes Refill 6 x 7" (18 x 160 sheets)
SCI33R18XL	OPTIM 33 TB Large Wipes Refill 10 x 10" (18 x 60 sheets)
FSA01	Sprayer Applicator for 1L bottles
PMP44	Pump Applicator for 4L bottles
SCI33-12EB	Empty 1L bottle

## OPTIM CS – Chemosterilant and High Level Disinfectant

OPTIM CS – rapid and ready to use solution designed for sterilization and high level disinfection of critical and semi critical instruments, and devices that cannot be autoclaved.

- The fastest product on the dental market for chemical sterilization  
- **20 Minute** Chemosterilant & High Level Disinfectant
- Active ingredient: 7% Hydrogen Peroxide
- Ready to use solution
- Contains corrosion inhibitors
- Effective in 5% soil load with cleaning efficacy
- No glutaraldehydes, no alcohol, no peracetic acid
- No VOC's (Volatile Organic Compounds)
- Non flammable
- Biodegradable
- Compatible with acrylic, silicone rubber, low and high density plastics, stainless steel and mild steel instruments\*
- 14-day reuse
- 16 month shelf life
- Indicator Test Strips available
- DIN 02268787

\*Please refer to the product label for further details.

20 MINUTE



### OPTIM CS Microbiological Effectiveness:

TEST ORGANISM	CONTACT TIME
<b>SPORICIDAL</b> <i>Bacillus subtilis</i> (ATCC 19659) <i>Clostridium sporogenes</i> (ATCC 7955)	20 Minutes (at 20°C)
<b>TUBERCULOCIDAL</b> <i>Mycobacterium terrae</i> (ATCC 15755)	20 Minutes (at 20°C)
<b>FUNGICIDAL</b> <i>Trychophyton mentagrophytes</i> (ATCC 9533)	20 Minutes (at 20°C)

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

### OPTIM CS Ordering information:

SCICS4X4

PMP44

AHP7

OPTIM CS Chemosterilant & High Level Disinfectant,  
 4 x 4L (ready to use)  
 Pump Applicator for 4L bottles  
 Indicator Test Strips for pass/fail determination of  
 Hydrogen Peroxide concentration

## OPTIM 28 – Instrument Precleaner

OPTIM 28 – Instrument Precleaner Concentrate (1:128 dilution – 8ml per 1L of water). Regardless the cleaning method, OPTIM 28 allows for quick and superior cleaning of instruments. Short, 5 Minute cleaning time applies to the technique of your choice - automatic machine processing, ultrasonic or manual cleaning of medical or dental instruments prior to disinfection and sterilization.

- **5 Minute** rapid cleaning time
- Contains Stabilized Hydrogen Peroxide (highly effective in cleaning organic debris)
- Bacteriostatic
- Enzyme Free
- Low foam
- Non acidic, Non flammable
- Non corrosive at in-use dilution\*
- pH neutral at in-use dilution
- Odourless
- Biodegradable
- Effective against protein, carbohydrates and lipids

\*Please refer to the product label for compatibility details.

5 MINUTE



### The importance of cleaning

“Cleaning should precede all disinfection and sterilization processes: it should involve removal of debris as well as organic and inorganic contamination. Removal of debris and contamination is achieved either by scrubbing with a surfactant, detergent, and water, or by an automated process (e.g., ultrasonic cleaner or washer-disinfector) using chemical agents. If visible debris, whether inorganic or organic matter, is not removed, it will interfere with microbial inactivation and can compromise the disinfection or sterilization process.” CDC MMWR “Guidelines for Infection Control in Dental Health-Care Settings – 2003”, December 19, 2003 / Vol.52 / No. PR-17

### OPTIM 28 Ordering information:

SCI2800  
PMP44

OPTIM 28 Instrument Precleaner, 4 x 4L (concentrate)  
Pump Applicator for 4L bottles

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Dentistry's Resource  
for Infection Control & Safety  
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