Fast Acting

tb Minuteman

BACTERICIDE/TUBERCULOCIDE/VIRUCIDE/FUNGICIDE

HARD SURFACE DISINFECTANT

- 1 Minute Tuberculocide
- 1 Minute Virucide
- 1 Minute Fungicide
- 1 Minute Bactericide

1 Minute

Intermediate Level Disinfection

tb Minuteman is a unique formulation of active ingredients that react synergistically to create an unparalleled broad spectrum disinfectant. tb Minuteman not only inactivates a broad spectrum of pathogenic microorganisms but is also a superb hard surface cleaner. tb Minuteman has been engineered with the user in mind and tested to exceed Health Canada (HC) standards for Intermediate Level Disinfection (ILD).



What goes into tb Minuteman?

Breakthrough Chemistry

- Excellent Shelf Life
- Broad Spectrum Hospital Disinfection
- Synergistic Fast Acting Formula
- Non-Corrosive Formula

Smart Packaging

- Convenient Compliance Oriented Design
- Cost & Waste Reduction
- Environmentally Friendly Design
- User Friendly Design

Certification & Testing Standards

- Independent GLP Lab Testing
- Registered with Health Canada
- DIN 02246644, DIN 02282461
- Excellent Antimicrobial Efficacy



User Benefits

- 1 Minute Disinfection
- Superior Cleaning Properties
- Economical to Use
- Higher Compliance
- Fastest ILD available
- Meets Government and Regulatory Guidelines for Surface Disinfection

maxill® 1-800-268-8633
www.maxill.com

tb Minuteman... More than just a name?

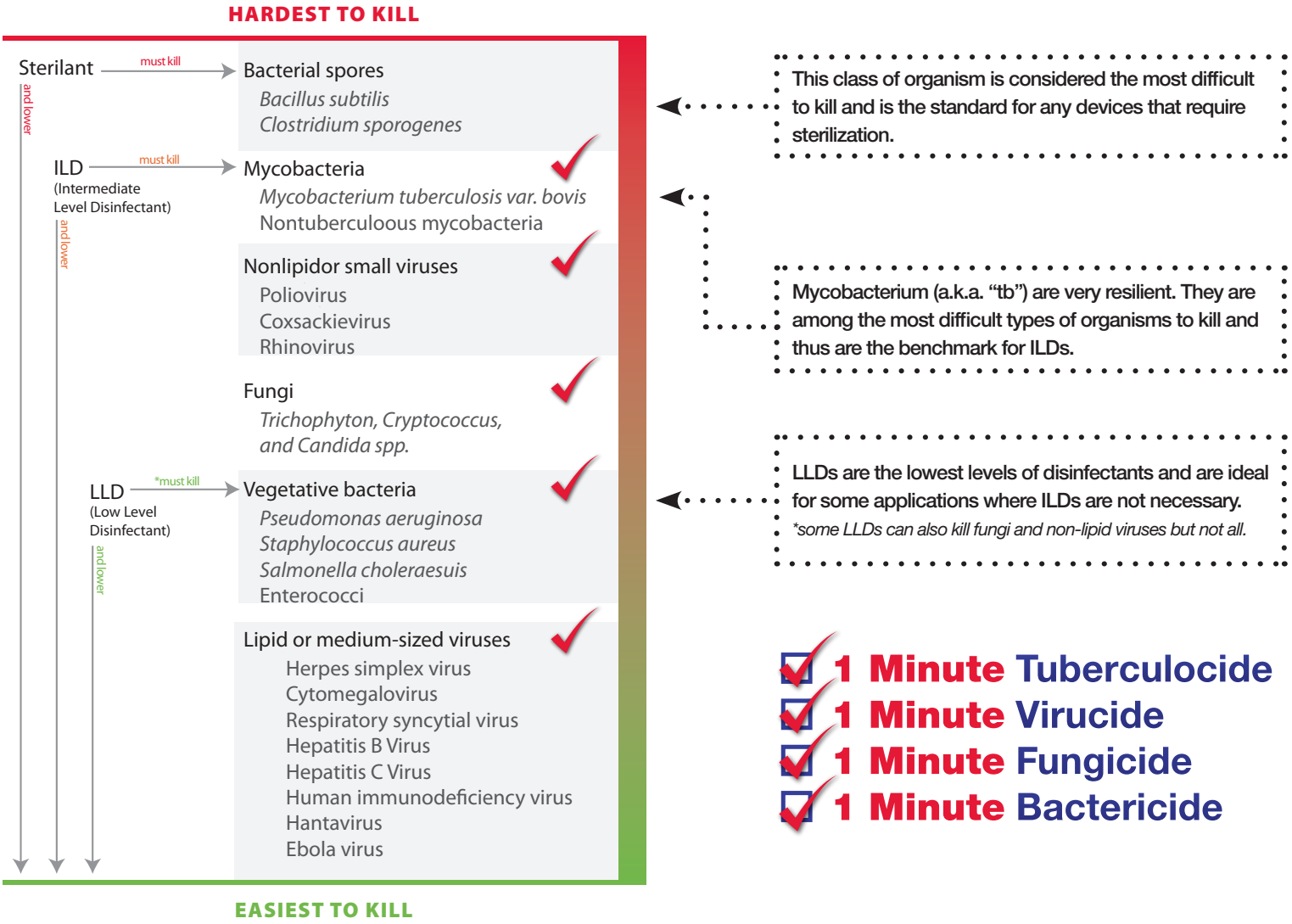
tb Minuteman is a 1 minute intermediate level hard surface and non-critical instrument disinfectant. In addition to standard testing, maxill's efficacy has been proven against the difficult to kill genus of microorganism known as mycobacteria. This testing gives tb Minuteman its tuberculocidal or "tb" claim which is the benchmark used by Health Canada (HC) to meet and exceed the requirements of an intermediate level disinfectant (ILD). Not only has tb Minuteman met all of HC's requirements but it has exceeded them by proving its efficacy in only 1 minute, making it the fastest ILD on the market and earning its name as "tb Minuteman"!

Why is a tuberculocidal claim so important?

A tuberculocidal or mycobactericidal claim is a very important claim to look for when choosing a broad spectrum disinfectant. The reason a tb claim is so important is because it represents the genus of microorganism known as mycobacteria. Mycobacteria are well cited for their difficulty to kill due to their unique cellular structure, thus are internationally accepted as benchmark test organisms for the difficult to kill organisms in broad spectrum disinfectants.

Because there are so many types of microorganisms, it is impossible to test each known species separately. Regulatory bodies choose benchmark organisms such as tb, Staphylococcus, Polio virus, etc. to represent the numerous different pathogenic "bugs" throughout the various microscopic realms. Disinfectants that wish to make broad spectrum claims must be tested against benchmark organisms to prove their efficacy against the representative organism in addition to those that are generally easier to kill. The tb benchmark is Canada's requirement for ILD because of its chemical resilience and its high rank in the chemical resistance hierarchy. The reasoning is, products that can inactivate mycobacteria are capable of destroying the easier to kill groups of organisms such as bacteria, viruses and fungi with few exceptions. **(See Figure 1 for a summarized hierarchy of chemical resistance adapted to show benchmark organisms and disinfection levels in Canada.)**

Figure 1. Microorganism Chemical Resistance Chart



1-800-268-8633

What makes tb Minuteman a better broad spectrum disinfectant?

Unlike many other disinfectants on the market tb Minuteman has 3 active ingredients which work together synergistically to achieve superior antimicrobial activity via multiple modes of action. All disinfectants work at the microscopic level to inactivate and/or destroy microorganisms such as tuberculosis bacteria, viruses and fungi. What differs from product to product is largely the method in which this microbial destruction occurs. If a product only contains one active ingredient and works via only one method of destruction, it may not be as effective on a broad spectrum of microorganism as a product with multiple active ingredients, much like putting all your eggs in one basket so to speak.

tb Minuteman contains 3 fully compatible active ingredients in perfect concentration, combined in our proprietary formulation to exert superior antimicrobial activity in the shortest time possible. The tb Minuteman formulation is designed to inactivate a broad spectrum of microorganisms by multiple modes of action thus working on many levels to ensure excellent disinfection and peace of mind.

tb Minuteman's active ingredients:

Ethyl Alcohol.....79.0% w/w
Benzalkonium Chloride.....0.20% w/w
Ortho-Phenylphenol .....0.10% w/w

DIN 02246644, DIN 02282461

1 Minute Label Efficacy Data

Tuberculocidal:
- Mycobacterium bovis (BCG)

Virucidal:
- Poliovirus type 1 (Sabin)
- Influenza A virus
- Herpes simplex virus type 1
- Herpes simplex virus type 2
- Human Immunodeficiency Virus type 1 (HIV-1)

Fungicidal:
- Trichophyton mentagrophytes (conidial spores)

Bactericidal:
- Methicillin Resistant Staphylococcus aureus (MRSA)
- Vancomycin Resistant Enterococcus faecalis (VRE)
- Pseudomonas aeruginosa
- Salmonella choleraesius
- Staphylococcus aureus

Supplemental Virucidal Data

Virucidal:
- Rotavirus
- Rhinovirus type 37
- Adenovirus type 2
- Human Coronavirus
- Avian Influenza A (H3N2) virus (Avian Reassortant)





*Wall mounted bracket sold separately

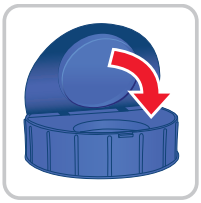
tb Minuteman was developed in Canada and is manufactured in Canada

tb Minuteman is available in the following convenient ready to use packaging.

Product	Contents	Item Number
tb Minuteman Wipes (Fresh Scent and Unscented)	160 Wipes per Tub	#61163 & #61163U
tb Minuteman Wipes Refill Rolls (Fresh Scent and Unscented)	160 Wipes per Pouch	#61163R & #61163RU
tb Minuteman Spray Bottle (Fresh Scent and Unscented)	946 mL per Bottle	#60007 & #60007U
tb Minuteman Jug (Fresh Scent and Unscented)	5 L per Jug	#60006 & #60006U
tb Minuteman Wipe Wall Mount Dispenser Rack	Holds 1 Tub	#91163

tb Minuteman is a 1 minute Intermediate Level Disinfectant, Tuberculocide and Virucide. tb Minuteman is safe for use on non-porous environmental hard surfaces and non-critical medical devices/instruments. tb Minuteman is designed for use throughout the dental and medical market including: dental/medical offices, hospitals, long term care facilities, ambulance and emergency medical service settings, personal care settings, esthetic and hair salons, and wherever infection control is of prime importance.

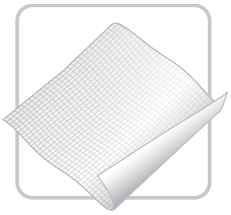
Designed With You In Mind



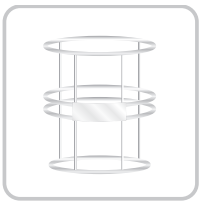
Flip close lid (spring loaded) increases compliance, saves money, limits waste, prevents drying and saves you time.



Convenient refill rolls reduce waste and save you money. Our pouches are designed with triple wall protection to eliminate product migration and ensure stability until you are ready to use it.



Superior woven cloth technology provides the best liquid release ratio available ensuring an evenly saturated surface, no bunching or tearing, while providing superior scrubbing ability.



Wall mountable tub rack facilitates increased compliance by making it easier to have a disinfectant wipe within reach.



Easy-to-read calendar with every refill roll to easily keep track of when product was opened, making your job easier.



Superior cleaning formulation picks up what the others leave behind. Pre-cleaning a surface before disinfection is a mandatory step with all disinfectants according to HC, CDC, & WHO. maxill developed a product that is designed for carrying out both steps ensuring compatibility, providing longer contact times while giving you peace of mind.

Having trouble deciding using a wipe or liquid?

Many dental/medical offices think they have to use either wipes or liquid exclusively, which is not the case. It is true that both disinfectant wipes and disinfectant liquid have their pros and cons. Ideally every office should use liquid disinfectant and disinfectant wipes to complement the other. When you design your infection control protocols to include both wipes and liquid, you ensure complete disinfection in all those difficult to access areas. Using both liquid and wipe tb Minuteman products for your disinfection protocols will save you time and money and provide peace of mind. Should you have any questions on what products are best for certain applications, please feel free to contact one of our infection control experts at **1-800-268-8633.**

Issued: February 11, 2026