



Certainty™ Medical TB Disinfectant Wipes

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Technical Bulletin

Certainty™ Medical TB Disinfectant Wipes are specially formulated for broad spectrum, rapid disinfection of hard, non-porous surfaces in just 1 minute. These disposable, ready-to-use wipes are pre-saturated with a disinfectant formula composed of 3 active ingredients that work together to quickly destroy pathogenic microorganisms.

Active Ingredients:

Ethanol	79.00% w/w
o-Phenylphenol	0.10% w/w
Benzalkonium Chloride	0.20% w/w

Certainty™ Medical TB Disinfectant Wipes provide disinfection of bacteria, mycobacterium, viruses and fungi when used as directed. The non-corrosive formula is designed for cleaning medical devices and rapid disinfection and cleaning of all environmental hard surfaces in medical and dental offices.

They are intended for use in:

- Hospitals and healthcare settings: ambulances, anesthesia, CAT labs, CCU, Central Supply, Clinics, Dental Offices, Dialysis Clinics, Doctor's office(s), Emergency Rooms, E.R., Home health care, Hospices, ICU, Laboratory, Laundry rooms, Nursing homes, Operating rooms, Pediatrics, Pediatric Intensive Care Units (PICU), Physical therapy, Physician's office(s), Ophthalmic offices, Radiology, Recovery Room, Rehabilitation, Respiratory therapy, Surgery, Transport vehicles, X-Ray
- Veterinary clinics, animal hospitals, animal life science laboratories, kennels, pet animal kennels, breeding establishments, grooming establishments, pet animal quarters, zoos, pet shops, tack shops
- Animal holding areas, veterinary waiting rooms, veterinary examination rooms, veterinary X-ray rooms, veterinary operating rooms, animal transportation vehicles
- Beauty salons, barber shops, correctional facilities, funeral homes, mortuaries
- Schools, health clubs, gyms, athletic facilities, airports, transportation terminals

Certain classes of microorganisms are much harder to kill than others. Certainty Medical TB Disinfectant Wipes have been tested against benchmark organisms to prove their effectiveness in killing different classes along with the easier to kill pathogens.

Proven efficacy against:	Kill Time
<i>Mycobacterium terrae</i>	1 minute
<i>Poliovirus 1</i>	1 minute
<i>Pseudomonas aeruginosa</i>	1 minute
<i>Salmonella enterica</i>	1 minute
<i>Staphylococcus aureus</i>	1 minute
<i>Trichophyton mentagrophytes</i>	1 minute

Figure 1: Classes of Microorganisms Ranked According to Chemical Disinfectant Resistance

Source: Infection Control Guidelines: Hand Washing, Cleaning, Disinfection and Sterilization in Health Care (CCDR 24S8)

Level of Resistance to Chemical Disinfectants	Classes of Microorganisms
<p style="text-align: center;">Most Resistant</p>  <p style="text-align: center;">Least Resistant</p>	<p>Bacteria with spores (Examples: Bacillus subtilis, Clostridium tetani, C. difficile, C. botulinum)</p>
	<p>Protozoa with cysts (Examples: Giardia lamblia, Cryptosporidium parvum)</p>
	<p>Mycobacteria (Examples: Mycobacterium tuberculosis, M. avium-intracellulare, M. chelonae)</p>
	<p>Non-enveloped viruses (Examples: Coxsackieviruses, polioviruses, rhinoviruses, rotaviruses, Norwalk virus, hepatitis A virus)</p>
	<p>Fungi (Examples: Trichophyton mentagrophytes, Candida species, Cryptococcus species, Aspergillus species, Dermatophytes)</p>
	<p>Vegetative Bacteria (Examples: Staphylococcus aureus, Salmonella typhi, Pseudomonas aeruginosa, coliforms)</p>
	<p>Enveloped Viruses (Examples: Herpes simplex, varicella-zoster virus, cytomegalovirus, Epstein-Barr virus, measles virus, mumps virus, rubella virus, influenza virus, respiratory syncytial virus, hepatitis B and C viruses, hantaviruses, and human immunodeficiency virus)</p>



- ✓ **Mycobactericidal**
- ✓ **Bactericidal**
- ✓ **Virucidal**
- ✓ **Fungicidal**

Certainty™ Medical TB Disinfectant Wipes are not to be used as a sterilant/high-level disinfectant on any surface or instrument that: (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body. This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization or high-level disinfection.

Keep out of reach and sight of children. Not for use in hospital nurseries or on children toys.