

Quantum™ TB Disinfectant

911100

CLASSIFICATION:

Ready-to-use cleaner and disinfectant

SCOPE:

Quantum TB Disinfectant is a ready-to-use, "one-step" Detergent-Disinfectant, Bactericide, Tuberculocide, Fungicide and Virucide. Quantum TB Disinfectant is recommended for disinfecting and cleaning floors, walls, and other hard non-porous environmental surfaces such as tables, chairs, countertops, changing tables, bathroom fixtures, sinks, shelves, racks, carts, the outside of refrigerators exteriors, non-food contact surfaces of coolers, glazed tile, linoleum, vinyl, glazed porcelain, plastic (such as polyethylene, polypropylene, polyvinylchloride, and polycarbonate), metal, glass, and painted or varnished surfaces. Quantum TB Disinfectant will not harm finished floors. Quantum TB Disinfectant is an effective product for blood-borne pathogen cleanup. Quantum TB Disinfectant can be used to clean and disinfect hard, non-porous toys.

Areas of Use: Hospitals, nursing homes, daycare centers, other health care-facilities, schools and colleges, industrial facilities, dietary areas, beverage and food processing plants, restaurants, hotels, motels, office buildings, recreational facilities, retail and wholesale establishments. *Quantum TB Disinfectant* is not to be used as a terminal 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 devices prior to sterilization or high-level disinfection.

- U.S. Patent Number 5,234,719

FEATURES AND BENEFITS:

- Non-phenolic.
- Non-flammable for easy storage and handling.
- Mild enough to use every day on most any surface; use one product to clean and disinfect the entire facility.
- Ready-to-use for your convenience – no mixing, no guessing, no testing, no mess.
- Gentle enough to use on brass, plastic tile, vinyl metal, varnished or painted surfaces, just spray and wipe.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DISINFECTION/CLEANING/DEODORIZING DIRECTIONS: For hospital disinfection, deodorizing and cleaning of hard non-porous surfaces according to the AOAC Use-Dilution Test, modified in the presence of 5% organic soil load. Apply *Quantum TB Disinfectant* with a coarse trigger sprayer, cloth, mop, brush, scrubber, or by soaking to thoroughly wet surface. Allow surface to remain wet for at least 10 minutes. Remove solution with a mop, cloth, sponge, or vacuum pickup or allow to air dry. For heavily soiled areas, a pre-cleaning step is required. Rinsing of non-food contact surfaces is not necessary. Rinse food contact surfaces with potable water prior to reuse. Do not use on glasses, dishes or utensils.

BACTERICIDAL: *Quantum TB Disinfectant* is effective against the following pathogenic bacteria at a contact time of 10 minutes in the presence of 5% organic soil load. Apply as directed in the Disinfection/Cleaning/Deodorizing directions for use.

<i>Pseudomonas aeruginosa</i> - ATCC 15442	<i>Staphylococcus aureus</i> - ATCC 6538	<i>Salmonella choleraesuis</i> - ATCC 10708
<i>Staphylococcus aureus</i> (MRSA) - ATCC 33592	<i>Staphylococcus aureus</i> (VISA) - ATCC 5836	
<i>Enterococcus faecalis</i> (VRE) - ATCC 51299	<i>Klebsiella pneumoniae</i> - ATCC 4352	<i>Proteus vulgaris</i> - ATCC 9920
<i>Enterobacter aerogenes</i> - ATCC 13048	<i>Serratia marcescens</i> - ATCC 14756	<i>Escherichia coli</i> - ATCC 11229
<i>Escherichia coli</i> O157:H7 - ATCC 35150	<i>Salmonella typhi</i> - ATCC 6539	<i>Shigella flexneri</i> - ATCC 9380

TUBERCULOCIDAL: *Quantum TB Disinfectant* is effective against *Mycobacterium bovis* - BCG at a contact time of 5 minutes in the presence of 5% organic soil load. Apply as directed in the Disinfection/Cleaning/Deodorizing directions for use.

FUNGICIDAL: *Quantum TB Disinfectant* is effective against *Trichophyton mentagrophytes* (the athlete's foot fungus) - ATCC 9533 at a contact time of 10 minutes in the presence of 5% organic soil load. Apply as directed in the Disinfection/Cleaning/Deodorizing directions for use.

VIROCIDAL*: *Quantum TB Disinfectant* is effective against the following viruses at a contact time of 10 minutes in the presence of 5% organic soil load. Apply as directed in the Disinfection/Cleaning/Deodorizing directions for use.

HIV-1 (AIDS virus)*	Herpes simplex Virus Type 1 - VTCC VR-733*	Herpes simplex Virus Type 2 - ATCC VR-734*
Hepatitis B Virus (HBV)*	Human Corona Virus - ATCC VR-740*	Respiratory syncytial virus (ATCC VR-26)*
Vaccinia Virus - ATCC VR-119*		Rhinovirus Type 37 - ATCC VR-1147*
Influenza A Virus - ATCC VR-544*		Avian Influenza Virus - ATCC VR-2072*

***KILLS HIV-1 (AIDS VIRUS) and HBV ON PRECLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS** in health care settings or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood or body fluids, and in which the surfaces/objects likely to be soiled with blood or body fluids can be associated with the potential for the transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS) or Hepatitis B virus (HBV).

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATION AGAINST HIV-1 (AIDS VIRUS) AND HBV OF SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS.

PERSONAL PROTECTION: Disposable latex or vinyl gloves, gowns, face masks, or eye coverings must be worn during all cleaning of body fluids, blood, and decontamination procedures. **CLEANING PROCEDURES:** Blood/body fluids must be thoroughly cleaned from surfaces and objects before application of *Quantum TB Disinfectant*. This cleaning may be accomplished with any cleaning solution, including this product. **CONTACT TIME:** 10 minutes. **DISPOSAL OF INFECTIOUS MATERIALS:** Blood and other body fluids should be autoclaved and disposed of according to local regulations for infectious waste disposal.

Product Information:

- **State** Liquid
- **Appearance** Red (light)
- **Fragrance** Floral
- **pH – conc.** 2.7
- **% P** 0
- **Conc. Test** RTU
- **Hazard Rating (HMIS)** Health - 1 Fire - 0 Reactivity - 0

REGULATORY CLAIMS:

- EPA Reg. No. 1677 – 199

MICROBIOLOGY:

Quantum TB Disinfectant is effective against:

(10 minute contact time unless otherwise noted)

<i>Pseudomonas aeruginosa</i> – ATCC 15442	<i>Mycobacterium bovis</i> – BCG at a contact time of 5 minutes
<i>Staphylococcus aureus</i> – ATCC 6538	
<i>Salmonella choleraesuis</i> – ATCC 10708	<i>Trichophyton mentagrophytes</i> (the athlete's foot fungus) - ATCC 9533
<i>Staphylococcus aureus</i> (MRSA) – ATCC 33592	
<i>Staphylococcus aureus</i> (VISA) – ATCC 5836	HIV-1 (AIDS virus)*
<i>Enterococcus faecalis</i> (VRE) – ATCC 51299	Herpes simplex Virus Type 1 – ATCC VR-733*
<i>Klebsiella pneumoniae</i> – ATCC 4352	Herpes simplex Virus Type 2 – ATCC VR-734*
<i>Proteus vulgaris</i> – ATCC 9920	Hepatitis B Virus (HBV)*
<i>Enterobacter aerogenes</i> – ATCC 13048	Human Corona Virus – ATCC VR-740*
<i>Serratia marcescens</i> – ATCC 14756	Respiratory syncytial virus ATCC VR-26*
<i>Escherichia coli</i> – ATCC 11229	Vaccinia Virus – ATCC VR-119*
<i>Escherichia coli</i> O157:H7 – ATCC 35150	Rhinovirus Type 37 – ATCC VR-1147*
<i>Salmonella typhi</i> – ATCC 6539	Influenza A Virus – ATCC VR-544*
<i>Shigella flexneri</i> – ATCC 9380	Avian Influenza Virus – ATCC VR – 2072*

STABILITY & STORAGE:

- Shelf life: 12 months

Usage Notes: