

PRODUCT CENTRAL

103 HBV Disinfectant 256 TECHNICAL DATA

◆ ◆ ◆ STREAK-FREE ◆ ◆ ◆ MULTI-USE ◆ ◆ ◆

Product Central 103 HBV Disinfectant 256 is a one-step cleaner-disinfectant-sanitizer-fungicide-mildewstat-virucide. This formulation is effective against a broad spectrum of bacteria, is a virucidal, fungicidal and will prevent the growth of mold and mildew and their odors when used as directed. Effective against HIV Aids and Hepatitis B. This product is an effective one-step sanitizer-cleaner for use on non-food contact areas in schools, colleges, hospitals, nursing homes, veterinary clinics, animal life science laboratories, and hotels. It is specially formulated to be non-dulling to floor finishes. This product does not contain nonyl phenol ethoxylate detergents, is a 100% biodegradable and phosphate free.

EASY TO USE

- Dispense automatically with the Product Central Express Dispenser.
- For floor cleaning use with a wet mopping system.
- For general cleaning use with sprayers, wipers, sponges, and pails.

SPECIFICATIONS

Dilution	1:256 (½ oz/gal)
Yield/cartridge	128 gallons
pH @ ½ oz/gal	8.5
Color	Green
Odor	Floral
Weight per gallon	8.50 lbs.
Packaging	½ gallon cartridge
Shelf Life	1 year

CAUTION: KEEP OUT OF THE REACH OF CHILDREN. EYE IRRITANT. MAY CAUSE SKIN IRRITATION. Avoid contact with eyes and skin. Wash thoroughly after handling. Harmful if swallowed. Do not mix with chlorine bleach, ammonia or any other cleaning products. Do not reuse container. Keep container closed when not in use.

FIRST AID: **For eyes:** flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention. **For Skin:** Remove contaminated clothing. Wash skin area with plenty of water. Get medical attention if irritation persists. **Ingestion:** drink plenty of water. Get medical attention. Never try to give water to an unconscious person.

SAFETY PRECAUTIONS: Wear protective gloves and safety goggles when handling this or any other cleaning product.

INTEGRATED SYSTEM

Use the Product Central chemical cartridges with the

- **Express Wall Mount Dispenser**
- **Express Portable Dispenser**

User Friendly

- Simply choose the appropriate chemical.
- Insert the cartridge into the dispenser.
- Select the spray bottle fill button or the bulk fill button.
- Fill spray bottles, buckets, machines, etc.
- The dispenser automatically dilutes the product.

Built-in Features

- Each cartridge comes with its own dilution control mechanism.
- A flow reduction washer keeps pressure constant, assuring accurate dilution.
- Air gap technology protects the water supply.

Smart Packaging

- Color and number coded labels
- Labels have icons to show proper usage



DIRECTIONS FOR USE

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

This product 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 medical devices prior to sterilization or high-level disinfection.

Cleaning/Deodorizing:

Apply use solution (1:256 dilution) to hard, nonporous surfaces, thoroughly wetting surfaces with a cloth, mop, sponge, or sprayer. Allow surfaces to air dry.

Mildewcidal:

At a 1:256 dilution in 400ppm hard water (calculated as CaCO₃) and 5% organic blood serum, HBV Disinfectant 256 will kill *Aspergillus niger* when applied to hard, nonporous surface. Repeat when mildew growth returns.

Fungicidal:

Kills Trichophyton mentagrophytes, the fungus causing athlete's foot, on environmental surfaces such as shower room floors, locker room benches, and bath mats at 1:256 (½ ounce per gallon) with a contact time of 10 minutes.

General Disinfection:

For use on the following hard, inanimate, nonporous surfaces; floors, walls, metal surfaces, glazed porcelain, and plastic surfaces. Can be used on the outside of appliances, microwaves, and refrigerators. Add ½ ounce product per gallon of water. Remove gross filth and heavy soil deposits then thoroughly wet surface for 10 minutes. Can be applied with a mop, sponge, cloth, as well as coarse spraying or soaking. For sprayer applications, use a coarse mist pump or trigger sprayer. Spray 6-8 inches from surface, rub with a sponge or cloth. Do not breathe spray mist. NOTE: With spray applications, cover or remove all food products. Prepare a fresh solution daily or when solution becomes visibly dirty. Solution can remain on the surface to air dry unless used on a floor, which is to be waxed or polished.

Veterinary Practice/Animal Life Science Laboratories Disinfection:

For cleaning and disinfecting hard, non-porous surfaces including equipment, utensils, instruments, cages, kennels, stables, catteries, etc. Remove all animals and feeds from premises, animal transportation vehicles, crates, etc. Remove all litter, drippings and manure from floors, walls, and surfaces of facilities occupied or traversed by animals. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate surfaces with a sue-solution of ½ ounce of HBV Disinfectant 256 per gallon of water (or equivalent dilution) for a period of 10 minutes. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried. Thoroughly scrub treated feeding and watering equipment with soap or detergent and rinse with potable water before reuse. Fresh disinfectant solution should be made daily or when visibly soiled.

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

Personal Protection:

Disposable latex or vinyl gloves, gowns, face masks or eye protection as appropriate, must be worn during all cleaning of blood/body fluids, and decontamination procedures.

Cleaning Procedure:

Blood/body fluids must be thoroughly cleaned from surfaces and objects before application of the disinfectant.

Contact Time:

HIV-1 is inactivated after a 30 second contact time. HBV is inactivated after a 3 minute contact time. Use either a 5 or 10 minute contact time for other organisms, as stated on the label.

Disposal of Infectious Materials:

Blood/body fluids should be autoclaved and disposed of according to federal, state and local regulations for infectious waste disposal.

HBV Disinfectant 256 is a broad-spectrum germicidal cleaner and deodorant that is effective at 1:256 (½ ounce per gallon) dilution in the presence of 400ppm hard water (calculated as CaCO₃) plus 5% organic blood serum against the following organisms:

Bactericidal in 10 minutes against:

Pseudomonas aeruginosa ATCC 15442
Staphylococcus aureus ATCC 6538
Salmonella choleraesuis ATCC 10788
Enterobacter aerogenes ATCC 13048
Shigella dysenteriae ATCC 9361

Bactericidal in 5 minutes against:

Enterococcus faecium (Vancomycin Resistant) (VRE)
Enterococcus faecium ATCC 6569
Enterococcus faecium (Antibiotic Resistant)
Escherichia coli ATCC 8739
Escherichia coli (Antibiotic Resistant)
Escherichia coli 0157:H7 ATCC 35150
Klebsiella pneumoniae ATCC 13883
Klebsiella pneumoniae (Antibiotic Resistant)
Listeria monocytogenes ATCC 984
Proteus mirabilis GBL 34 Clinical Isolate
Proteus vulgaris ATCC 33240
Salmonella choleraesuis (ssp enteritidis) ATCC 13076
Salmonella choleraesuis (ssp pullorum) ATCC 19945
Salmonella typhi ATCC 12022
Salmonella typhimurium ATCC 14028
Serratia marcescens ATCC GBL-NC 76 Industry Isolate
Shigella flexneri ATCC 19615
Shigella sonnei ATCC 9290
Staphylococcus aureus (Methicillin Resistant-MRSA) ATCC 33591
Staphylococcus epidermidis ATCC 14990
Staphylococcus epidermidis (Antibiotic Resistant)
Streptococcus pyogenes ATCC 19615
Streptococcus pneumoniae (Penicillin Resistant) ATCC 85088
Yersinia enterocolitica ATCC 23715

Fungicidal in 5 minutes against:

Candida albicans ATCC 10231

Fungicidal in 10 minutes against:

Trichophyton mentagrophytes ATCC 9533

Virucidal in 3 minutes against:

Hepatitis B Virus (HBV)

Virucidal in 5 minutes against:

Herpes simplex, Type 1 ATCC VR-733, Strain F(1)
Herpes simplex, Type 2 ATCC VR-734, Strain G
Influenza Virus, Type A2 ATCC VR-544, Strain Hong Kong
Pseudorabies Virus ATCC VR-135, Strain Aujeszky
Respiratory Syncytial Virus ATCC VR-26, Strain Long
Vaccinia Virus ATCC VR-119, Strain WR

Virucidal in 30 seconds against:

Human Immunodeficiency Virus, Type 1 Strain HTLV-III, Vanderbilt U.

Mildewcidal in 10 minutes against:

Aspergillus niger

Non-Acid Toilet Bowl Disinfection/Cleaner Directions:

Remove gross filth prior to disinfection.

From Concentrate: Add ½ ounce to the toilet bowl or urinal and mix. Brush thoroughly over exposed surfaces and under the rim with a cloth, mop, sponge, or spray. Allow to stand for ten (10) minutes, then flush.

From use solution: Empty toilet bowl or urinal and apply ½ ounce per gallon use-solution to exposed surfaces, including under the rim, with a cloth, mop, sponge, or sprayer. Allow to stand for ten (10) minutes, then flush.

Kills HIV (AIDS Virus) and HBV (Hepatitis B Virus) on pre-cleaned environmental surfaces previously soiled with blood/body fluids in healthcare setting or other settings in which there is an expected likelihood of soiling of inanimate surfaces/objects with blood/body fluids, and in which the surfaces/objects likely to be soiled with blood/body fluids can be associated with the potential for transmission of HIV-1 (AIDS Virus) and/or HBV (Hepatitis B Virus).