ACTIVATE™ 5.25% INSTITUTIONAL BLEACH

ONE-STEP HOSPITAL DISINFECTANT

Dispensed by the Activate™ Bleach Dilution System

EPA Registration No. 75266-1

Kills Clostridium difficile spores in 4 minutes.

PRODUCT DESCRIPTION

Activate™ 5.25% Institutional Bleach is an effective EPA-registered, one-step hospital-level disinfectant cleaner dispensed by the Activate™ Bleach Dilution System, a patented hand-held, two-bottle trigger sprayer.

The Activate™ Bleach Dilution System dispenses sodium hypochlorite in the widely-recommended 5000 ppm available chlorine solution as a coarse, non-aerosol spray.

Activate™ 5.25% Institutional Bleach is recommended for use in hospitals, laboratories, nursing homes, clinics, physicians offices, dental operatories, veterinary hospitals, schools, institutions, reception areas, kitchen areas, and restrooms.

Activate™ 5.25% Institutional Bleach is appropriate for use on hard, non-porous surfaces such as glazed ceramic tile, stainless steel, chrome, enameled walls & ceilings, laminated plastic countertops & cabinets, sealed fiberglass, glass, and glazed porcelain.

FEATURES & BENEFITS

- Fast contact times for practical hospital use
- Kills Clostridium difficile spores in 4 minutes
- Efficient one-step cleaning & disinfecting
- Broad spectrum efficacy
- Simple spray system eliminates human error and safety issues associated with handling bleach
- Non-aerosol coarse spray
- Sustainable packaging reduces plastic waste and saves in freight costs
- Sealed system prevents closed cap concerns
- Ergonomic trigger sprayer is comfortable for high use
- Easy-to-install disposable bleach cartridges make approximately one gallon of useable solution
- Significantly more economical than wipes or typical institutional RTU products

EFFICACY SUMMARY

The Activate™ Bleach Dilution System dispenses 5000 ppm of available chlorine, making it highly effective against a broad spectrum of pathogens when used as directed.

Pathogen	Soil Load	Contact Time
HIV-1 (Aids)	5.0% Blood Serum	30 seconds
HBV (Hepatitis B)	5.0% Blood Serum	30 seconds
MRSA (Methicillan-resistant Staphylococcus aureus)	7.5% Blood Serum	2 minutes
Staphylococcus aureus	7.5% Blood Serum	2 minutes
Pseudomonas aeruginosa	7.5% Blood Serum	2 minutes
Salmonella enterica	7.5% Blood Serum	2 minutes
Streptococcus pyogenes	7.5% Blood Serum	2 minutes
VRE (Vancomycin-resistant Enterococcus faecalis)	7.5% Blood Serum	2 minutes
Acinetobacter baumannii	7.5% Blood Serum	2 minutes
Clostridium difficile Endospores	N/A	4 minutes

All AOAC Spray tests were performed using 400ppm hard water diluent.

SPECIFICATIONS

Active Ingredient:	5.25% Sodium Hypochlorite
Dispensed Dilution Rate:	10% (1:9 bleach-to-water ratio)
Dispensed Available Chlorine:	5000 ppm
EPA Reg. No.:	75266-1
Personal Protection Dispensed Solution:	Gloves, eye & clothing protection
Ventilation Requirement Dispensed Solution:	Moderate ventilation required
Solubility:	100% in water
Odor Dispensed Solution:	Light chlorine
pH Dispensed Solution:	9.5
Fire Hazard:	None
Explosion Hazard:	None
Storage Temperature:	50°-72°F
Shelf life:	12 Mos from manufacture (when stored at 50°-72°F)
Incompatibilities:	Ammonia, acids, reducing agents, heavy metals such as cobalt, copper, iron, and nickel

For commercial and industrial use only. MSDS available online at www.activatebleach.com

PACKAGING

MFR ITEM #77062	Starter Kit; contains 2 sprayer heads, 2 water bottles and 6 bleach cartridges
MFR ITEM #77012	Bleach Cartridge 12-Pack; contains 12 bleach cartridges
MFR ITEM #77006	Bleach Dilution Sprayer 6-Pack; contains 6 sprayers and water bottles

Deardorff Fitzsimmons Corporation
Merlin, OR 97532 www.activatebleach.com

ACTIVATE™ 5.25% INSTITUTIONAL BLEACH

ONE-STEP HOSPITAL DISINFECTANT

Dispensed by the Activate™ Bleach Dilution System

EPA Registration No. 75266-1

DIRECTIONS FOR USE

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

Install Activate™ Bleach cartridge onto Activate™ Bleach Dilution Sprayer by following directions on Activate™ Water Bottle label.

To Clean and Disinfect in One Step: Spray Activate™ 6- 8" from surface until surface is thoroughly wet; let stand for 2 minutes. To kill HIV-1 and HBV, allow 30 seconds contact time at room temperature. Wipe with a clean cloth or paper towel and allow to air dry. For food contact surfaces, rinse with potable water. Always remove gross dirt and debris from surface prior to disinfection.

Special Instructions for Cleaning Prior to Disinfecting against Clostridium difficile spores:

Personal Protection: Wear appropriate barrier protection such as gloves, gowns, masks, or eye covering. **Cleaning Procedure:** Thoroughly clean fecal matter/waste from surfaces/objects before disinfection by application with a clean cloth, mop, and/or sponge saturated with Activate™. Vigorously wipe and/or scrub surfaces/objects until all visible soil is removed. Pay special attention to high-touch surfaces. Clean surfaces in patient rooms in an appropriate manner, such as from right to left or left to right, on horizontal surfaces, and top to bottom, on vertical surfaces, to minimize spreading of the spores. Clean restrooms last. Do not reuse soiled cloths. **Infectious Materials Disposal:** Immediately dispose of materials used in the cleaning process that may contain feces/waste in accordance with local regulations for infectious materials disposal. **Disinfection Procedure:** Spray Activate™ 6- 8" from surface until surface is thoroughly wet; let stand for 4 minutes. Wipe with a clean, damp cloth or paper towel, or allow to air dry.

To Pre-clean Instruments Prior to Terminal Sterilization: Place instruments in a suitable container. Spray Activate™ on instruments until all surfaces are thoroughly wet. Allow to stand for up to 10 minutes. Rinse instruments with water, and follow with an appropriate sterilization/high-level disinfecting process. **Cleaning of critical and semi-critical devices must be followed by an appropriate terminal sterilization/high-level disinfection process.**

Use Activate™ on stainless steel instruments only.

To disinfect non-critical, pre-cleaned instruments: Instruments first must be thoroughly cleaned to remove gross dirt and debris, rinsed, and dried. Place instruments in a suitable container. Spray Activate™ on instruments until all surfaces are thoroughly wet; let stand for 2 minutes. To kill HIV-1 and HBV, allow 30 seconds contact time at room temperature. To kill *Clostridium difficile* spores, let stand for 4 minutes. Wipe with a clean, damp cloth or paper towel, and allow to air dry.

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.

Kills HIV and HBV on pre-cleaned environmental surfaces and objects previously soiled with blood/body fluids in healthcare settings 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 Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS) and Hepatitis B Virus (HBV).

Special Instructions for Cleaning and Decontaminating Against HIV-1 and HBV on Surfaces/Objects Soiled with Blood/Body Fluids: When handling items soiled with blood/body fluids, personal protective equipment such as disposable gloves, gowns, masks, and eye coverings must be used. Blood/body fluids must be thoroughly cleaned from surfaces/objects prior to disinfecting. Spray Activate™ on surface/object until all surfaces are thoroughly wet; let stand for 30 seconds. Wipe with a clean cloth or paper towel, and allow to air dry. Blood/body fluids and cleaning materials must be autoclaved and disposed of according to federal, state, and local regulations for infectious waste disposal.

To Clean and Disinfect in a Veterinary Application: Use to clean and disinfect hard, non-porous surfaces such as feeding and watering equipment, cages, utensils, instruments, kennels, stables,catteries, etc. Remove all animals and feed from premises, animal transportation vehicles, crates, etc. Remove all litter, droppings, and manure from walls, floors, and surfaces of facilities occupied or traversed by animals. Empty all feeding and watering equipment. Pre-clean all surfaces with soap or detergent and rinse with water. Spray Activate™ on surface/object until all surfaces are saturated; let stand for 2 minutes. To kill HIV and HBV, allow 30 seconds at room temperature. Rinse all surfaces with potable water. Ventilate buildings and other closed spaces. Do not house animals or employ equipment until treated surfaces have been thoroughly rinsed with water and allowed to dry. Thoroughly scrub all treating, feeding, and watering appliances with soap or detergent, and rinse with potable water before reuse.

STORAGE & DISPOSAL

Do not contaminate food or feed by storage, disposal or cleaning of equipment.

Pesticide Storage

This product degrades with age; test active level of sprayed product periodically with high-level chlorine test strips.

Store in a cool (50° – 72°F), dry area away from direct sunlight and heat to avoid deterioration. In case of spill, flood area with large quantities of water.

Pesticide Disposal

Products or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer.

Container Handling:

Non-refillable container. Do not re-use or refill this container. Offer for recycling if available or place in trash collection.