Sporicidin® Application Guide

Product Description
Sporicidin® Disinfectant Products (Solution, Spray and Wipes) are FDA, EPA and OSHA compliant. They are recommended for use in homes, offices, hospitals, medical, dental and veterinary clinics, pet areas, pharmaceutical and industrial clean rooms, laboratories, nursing homes, schools, hotels, dormitories, buses, trains, airplanes, trucks, automobiles, morgues, lockers, athletic facilities, beauty and tanning salons, massage facilities and public toilets.

Sporicidin® Disinfectant Products are broad-spectrum disinfectants that provide 100% kill of disease and odor-causing organisms on hard, non-porous surfaces. They cleanse, disinfect and deodorize and prevent mold and mildew growth. They are recommended for use on floors, walls and ceilings in areas damaged by water, smoke and sewage. Sporicidin® is fungicidal and effective against Stachybotrys chartarum (black mold), Chaetomium globosum and Aspergillus niger.

Sporicidin® Disinfectant Solution is approved for cleaning air ducts and decontaminating carpets. Sporicidin® can be used to clean and disinfect biohazards at trauma and crime scenes where blood and bodily fluids are found. Sporicidin® is EPA registered to provide up to six months of continuous residual bacteriostatic activity after it is applied to surfaces.

Directions for Use:
Surfaces and objects should be pre-cleaned to remove debris. Pre-cleaning can be accomplished by first applying Sporicidin® Disinfectant Solution or Sporicidin® Enzymatic Cleaner. Then apply Sporicidin® Disinfectant Solution and allow to remain for 10 minutes for 100% kill of vegetative organisms. Sporicidin® can be applied by sponge, mop, cloth, pressure sprayer, fogging device, portable sprayer, portable or truckmounted carpet cleaning machine.

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

Do not dilute prior to use. Do not mix with any other chemicals.

Mold Remediation/IAQ:
Sporicidin® Disinfectant Solution is an EPA registered fungicide that cleans, disinfects and deodorizes. It provides continuous residual bacteriostatic activity for 6 months after application.
Clean, Disinfect and Deodorize: Pre-clean contaminated area with Sporicidin Disinfectant Solution or Sporicidin Enzymatic Cleaner to remove excess vegetative growth, filth or contaminates. Thoroughly wet pre-cleaned area with Sporicidin® Disinfectant Solution and allow surfaces to remain wet for ten minutes. Sporicidin® can be applied by hand sprayer, sponge, mop, cloth, pressure sprayer, fogging device, portable sprayer, portable or truckmounted carpet cleaning machine.

Dust and Spore Suppression Applications: Use Sporicidin® Disinfectant Solution to effectively knockdown and suppress airborne dust particles and spores within containment areas prior to final clearance inspection and testing during mold mitigation. Mist Sporicidin® Disinfectant Solution into the air within the containment area using a trigger sprayer, pressure sprayer or fogging device in accordance with device manufacturer instructions. Refer to applicable fogging or misting guideline section below for more information. Allow mist or vapor to settle onto surfaces and remain wet for ten minutes. Thoroughly clean and wipe all hard, non-porous surfaces with Sporicidin® Disinfectant Solution using clean cloth, sponge or mop (Sporicidin® Disinfectant Towelettes [Wipes] are ideal when working in containment areas). Allow surfaces to air dry.

Fogging: Sporicidin® Disinfectant Solution is recommended for fogging surfaces and articles in sealed rooms adjunct to manual cleaning and disinfecting. Vacate the area to be fogged. Seal windows, doors, air intakes and ducts. Fill fogging device with Sporicidin® and set timer for treatment cycle as recommended by manufacturer. Turn on the device, leave the room area and seal the door. Enter the area after it has been properly ventilated.

Misting Applications: Misting treatments may be applied using a pressure sprayer, trigger sprayer or an electric fogging device and Sporicidin® Disinfectant Solution. Seal all doors, windows and intake ducts or vents. Vacate the area to be treated. Personnel remaining in the contained area should wear personal protective equipment (PPE) during the misting application in accordance with OSHA Respiratory Protection Standards (see Respiratory Protection notice below). Fill misting device with Sporicidin® Disinfectant Solution and adjust device output to desired settings. Mist disinfectant into air and onto articles and/or surfaces allow remaining wet for 10 minutes. Vacate room and reseal door. Treated area should remain sealed for 15 to 30 minutes after the misting application is complete. Ventilate treated area prior to commencing normal cleaning procedures. Follow regular Sporicidin® cleaning and disinfecting procedures upon returning to the treated area.

Water/Flood Damage:
Remove excess floodwater and foreign matter. Pre-clean contaminated surfaces with Sporicidin® Disinfectant Solution using mop, cloth, sponge or pressure sprayer. Wipe dry. After final cleaning, reapply Sporicidin® Disinfectant Solution to affected areas and allow to remain for 10 minutes. Sporicidin® Disinfectant Solution provides 100% kill of disease and odor-causing organisms and provides up to 6 months continuous, residual bacteriostatic protection when applied to pre-cleaned hard, non-porous surfaces.
Air Ducts/HVAC Systems:
Deodorize HVAC System: Sporicidin® Disinfectant Solution is recommended as an effective deodorizer to eliminate stale or musty odors in HVAC systems. Vacate area and fog or spray Sporicidin® into HVAC system intakes while the system fan is operating and allow enough spray time to allow Sporicidin® to contact internal HVAC air duct surfaces. Repeat application as needed.

Air Duct Cleaning: Sporicidin® Disinfectant Solution is EPA registered for use on hard duct surfaces. Not intended for use in fiberglass duct board, unlined flex ducts or other porous duct surfaces.

Prior to treatment, thoroughly inspect air duct system and complete any needed repairs. Mechanically clean air ducts in accordance with industry guidelines to remove gross filth and contaminants. Vacate area to be fogged. Fog into pre-cleaned ventilation duct system and allow Sporicidin® to air dry; do not rinse.

Cleaning and Disinfecting Evaporator Coils and Drip Pans: Sporicidin® may be used to clean and disinfect HVAC evaporator coils and condensation drip pans and prevent odors by reducing microbial and fungal growth. To clean coils: Turn HVAC system off. Pre-clean coils with Sporicidin® to remove debris. Then saturate coils with Sporicidin® and allow to remain wet for ten minutes. Allow to air dry. To clean drip pans: Empty any standing condensation from drip pan. Pre-clean drip pan with Sporicidin® and wipe surfaces dry. Saturate cleaned pan surfaces with Sporicidin®, allow to remain wet for ten minutes and air dry.

Sewage Backflow:
Remove foreign matter prior to cleaning and disinfecting. Saturate contaminated surfaces with Sporicidin® Disinfectant Solution with a mop, cloth, sponge or pressure sprayer to pre-clean. Wipe dry. After pre-cleaning, reapply Sporicidin® Disinfectant Solution to affected areas and allow to remain for 10 minutes. Sporicidin® Disinfectant Solution provides 100% kill of disease and odor-causing organisms and provides up to 6 months continuous, residual bacteriostatic protection when applied to pre-cleaned hard, non-porous surfaces.

Trauma Scene Cleanup:
Sporicidin® Disinfectant Solution complies with OSHA bloodborne pathogens standard and can be used effectively to remove bodily fluids present at crime scenes. Refer to Sporicidin® Bulletin No's. 303 & 403 for additional instructions.

Carpet Cleaning:
Cleans: Sporicidin® Disinfectant Solution contains an effective combination of surfactants which break down and remove soils and stains commonly found in carpets. When used as part of a carpet maintenance program, Sporicidin® helps carpets last longer. Decontaminates: Sporicidin® Disinfectant Solution removes and limits the growth of new organisms. Deodorizes: Sporicidin® Disinfectant Solution kills the organisms that cause odors.

Pre-test for colorfastness by applying Sporicidin® to an inconspicuous area and rubbing with a clean white cloth. If the color changes or transfers to the cloth, a water-based cleaning method should not be used.
Pre-Spray Method: Sporicidin® Disinfectant Solution can be applied to carpets using a pressure sprayer. Wet carpet with Sporicidin® Disinfectant Solution and brush or roll into carpet nap. Allow carpets to remain damp for 10 minutes before extracting. Sporicidin® Disinfectant Solution is pre-mixed and ready to use.

Portable/Truckmount Method: Add Sporicidin® Disinfectant Solution to tank or bottle. Pre-treat heavily soiled or contaminated areas prior to final cleaning and extraction. After extraction, set carpet pile in one direction with carpet rake or brush and raise furniture legs until dry. Air movers may be used to speed the drying process. Sporicidin® Disinfectant Solution is pre-mixed and ready to use.

Equipment Disinfection:
Personal Protective Equipment (PPE): Sporicidin® Disinfectant Solution and Towelettes (Wipes) can be used to clean, disinfect and deodorize Personal Protective Equipment (PPE). They are non-corrosive to plastics, latex, vinyl, glass, wood, metal and porcelain. Sporicidin® is non-staining, non-flammable and non-abrasive. It is recommended on such items as respirators, breathing apparatus, goggles, hard hats, hearing protectors, gloves, aprons and boots.

Clean contaminated surfaces with Sporicidin® and allow to air dry. Follow manufacturer’s recommended directions for cleaning and decontaminating personal protective equipment.

Restoration Equipment: Use Sporicidin® Disinfectant Solution or Towelettes to effectively clean, disinfect and deodorize restoration equipment after use for mold remediation, trauma scene cleaning, water/flood damage restoration or sewage cleanup.

Unplug equipment from power source. Clean exterior and accessible interior surfaces with Sporicidin® Disinfectant Solution or Sporicidin® Disinfectant Towelettes (Wipes). Surfaces should remain wet for 10 minutes and allow to air dry. Thoroughly clean reusable filters or strainers with Sporicidin® Disinfectant Solution and allow to remain for 10 minutes for 100% kill of vegetative disease-causing organisms. To deodorize and decontaminate waste recovery tanks and reservoirs: Remove gross contaminates and sediment from tank. Thoroughly clean interior surfaces with Sporicidin® Disinfectant Solution and air dry. To clean and deodorize extraction hoses and wands: Attach hose and wand to extractor/truck mount. Turn unit on to create vacuum source. Spray Sporicidin® Disinfectant Solution into wand/hose opening for several minutes to thoroughly coat interior surfaces. Turn unit off. Clean exterior of disinfected wand and apply with Sporicidin® before storing.

Veterinary and Other Animal Facilities:
Sporicidin® Disinfectant Solution cleans, disinfects and deodorizes (kills the organisms that cause odors) in animal areas, such as kennels, cages, stables, portable carriers, vehicles, trailers and on instruments.

Vacate the area and pre-clean surfaces with Sporicidin® Disinfectant Solution or Sporicidin® Enzymatic Cleaner to remove excess debris prior to disinfecting. To disinfect, wet surfaces with Sporicidin® Disinfectant Solution and allow to remain for 10 minutes, allow to air dry before returning animals.
**Fogging Articles and Surfaces in Sealed Clean Rooms and Cubicles:**
Sporicidin® Disinfectant Solution is recommended for fogging articles and surfaces in sealed clean rooms and cubicles as an adjunct to manual cleaning.

Vacate the area to be fogged. Seal all windows, doors, air intakes and ducts. Fill fogging device with Sporicidin® and set timer for treatment cycle as recommended by device manufacturer and turn on device. Leave room and reseal door for 2 hours after fogging cycle has completed. Ventilate room or cubicle. Refer to Sporicidin® Bulletin No. #301 for additional information.

**STORAGE AND DISPOSAL:**
Store at room temperature. Dispose of container in regular trash.

* **RESPIRATORY PROTECTION:**

In accordance with OSHA regulations (29 CFR 1910.134 and 29 CFR 1910.1000), fogging or spraying applications may require the use of respiratory protection during and after treatment to protect workers from chemical hazards.