

Kills 99.9% of Germs • Kills Bacteria in 60 seconds

SNiPER® is an easy to use all-purpose and multi surface cleaner, Hospital Disinfectant, and HEAVY DUTY Odor Eliminator with no harsh chemical fumes or residue left behind. **SNiPER®** has the unique ability to eliminate VOCs. **SNiPER®** provides this unique disinfectant and cleaning technology that is ideal for your indoor use both in homes and any institutional setting. **SNiPER®** technology is a versatile cleaner and disinfectant that is non-abrasive and non-corrosive with a ready-to-use, no-fragrance added formula that does not require rinsing.

Disinfect Hard Non-Porous Surfaces: For disinfection of pre-cleaned hard non-porous surfaces such as glass, plastic, painted or finished wood, chrome, stainless steel, aluminum, galvanized coated surfaces, polyurethane coated hardwood floors, glazed ceramic tile, sealed concrete and linoleum floors, etc.

For Disinfection: Spray **SNiPER®** at full strength, at a distance of 6-8 inches from surfaces while wetting surfaces thoroughly. Allow surfaces to remain wet for 5 minutes for disinfection of bacteria, including: Staph and Salmonella. Allow surfaces to remain wet for 10 minutes for virus inactivation of Influenza and Canine Parvovirus (Peel back label to learn more*)

Hard Surface Sanitization: **SNiPER®** sanitizes hard, non-porous food contact surfaces in 60 seconds – No rinse required (Peel Back label to see Sanitization Directions for use*)

Disaster Recovery: **SNiPER®** can be used in all disaster recovery, such as fire and smoke damage or flood and water damage.

- Antimicrobial
- Eliminate Bacteria Causing Odor
- Fungicide (Peel back label to see fungus treatment directions for use*)
- Fungistat
- Mold and Mildew Cleaner
- Removes Odors from Mold / Mildew
- Allergen Remover (Peel Back Label to see Disaster Recovery Directions of Use*)

SNiPER® Eliminates VOC Odors: **SNiPER®** has the unique ability to eliminate VOC odors in the air:

- Ammonia
- Sulfur
- Formaldehyde



Nonfood Compounds
D2
LISTED (146747)

**Disinfectant Technology****ACTIVE INGREDIENTS**

Chlorine Dioxide	0.200%
n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18)	
Dimethyl Benzyl Ammonium Chloride	0.085%
n-Alkyl (68% C12, 32% C14)	
DimethylEthylbenzyl Ammonium Chloride	0.085%
OTHER INGREDIENTS	99.630%
TOTAL	100%



EPA Reg. No. 71700-2EPA
Est. No. 085984-MI-002
Net Contents: 1 Gallon

KEEP OUT OF REACH OF CHILDREN

APPROVED FOR HVAC

DISTRIBUTED BY: GLOBAL ENVIRONMENTAL RESTORATION, INC.
P.O. BOX 667 | CARENCRO, LA 70520 | 877.236.4710

Kills 99.9% of Germs • Kills Bacteria in 60 seconds

Deodorize with SNiPER®: Eliminate odors at the source – eliminate odor in shoes, furniture, mattresses, curtains / drapes, carpets, rugs, sports equipment, helmets, gloves, body armor, and vehicles. (Always check for fabric color fastness in an inconspicuous area.) Spray **SNiPER®** at full strength with spray bottle or electric / pump atomization sprayer, thoroughly wetting surfaces and let air dry for residual deodorization action. **SNiPER®** must contact the source or cause of the odor to be effective. For urine and / or pet odors in carpets, thoroughly wet the carpet with **SNiPER®**, or saturate to the pad[ding] for complete deodorization. (For concerns of color fastness on carpets / fabrics in deodorizing applications use at a 6 to 1 dilution)

IDEAL FOR ELIMINATING ODORS: Strong Cat Odors / Pet Odors, Animal Kennels, barn stalls, Urine and other Waste Odors, Strong Ammonia Odors, strong sulfur & formaldehyde odors, strong smoke odors caused by fire, tobacco, and other sources and odors from mold and mildew. **SNiPER®** is perfect for eliminating the toughest odors in the air, is fragrance free and perfect to use in your indoor environment!

Deodorize HVAC System Ductwork (non-pathogenic organisms only): Spray product into system intake vents while system fan is running. Allow enough spray time for product to contact air duct system surfaces, repeat application if necessary.

Non-Pesticidal Allergen Removal: Destroy and eliminate non-living allergens such as:

- Cockroach matter
- Dust mite matter
- Pet Dander
- Reduce and remove allergens (Peel Back Label to see Directions to remove Allergens)

No Rinse Required • Ready to use sprayFOR ADDITIONAL INFORMATION ON SPECIFIC APPLICATIONS WITH **SNiPER®** CALL 877-236-4710.

*Peel back

SNIPER® was specifically engineered for the disinfection needs associated with the high demands of industrial uses, healthcare facility uses, as well as everyday applications in the home. **SNIPER®** provides hospital disinfectant, multi-surface cleaning, and odor elimination. **SNIPER®** disinfects as it cleans - tough on germs, easy on surfaces!

Directions for use: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Gently shake 2-3 times prior to use.

Pre-Cleaning Instructions: Remove gross filth and heavy soil by cleaning. Thoroughly wet surfaces by spray, sponge, mop, or immersion with **SNIPER®** on to soiled surfaces then thoroughly clean and wipe away gross filth with sponge or cloth.

Directions to Remove Allergens: To clean and reduce specified allergens: Spray **SNIPER®**, wait 1 minute, and wipe excess. Allow to air dry.

Disinfect Hard Non-Porous Surfaces: For disinfection of pre-cleaned hard non-porous surfaces such as glass, plastic, painted or finished wood, chrome, stainless steel, aluminum, polycarbonate coated hardwood floors, glazed ceramic tile, sealed concrete and linoleum floors, etc. Spray **SNIPER®** at full strength, at a distance of 8-8 inches from surface while wetting surfaces thoroughly. Allow surfaces to remain visibly wet for 5 min for disinfection of Gram-Negative bacteria, Gram-Positive bacteria, Staphylococcus aureus ATCC 6538 (Staph), Salmonella enterica ATCC 10708, Pseudomonas aeruginosa ATCC 15442, Methicillin Resistant Staphylococcus aureus (MRSA) ATCC 33591, Vancomycin Resistant Enterococcus faecalis (VRE) ATCC 51299. Allow surfaces to remain wet for 10 minutes for virus inactivation of Swine Influenza virus, Type A (H1N1) ATCC VR-333 and Canine Parvovirus ATCC VR-953. **SNIPER® KILLS HIV-1 and HBV ON SURFACES PREVIOUSLY SOILED WITH BLOOD / BODY FLUIDS.** In healthcare or other settings where a likelihood of surfaces / objects to be soiled with blood and / or bodily fluids with the potential of the transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS) and Human Hepatitis B Virus follow the instructions for cleaning and decontamination of surfaces.

Personal Protection: Use disposable latex gloves, gowns, masks or eye covering when handling items soiled with blood or bodily fluids.

Cleaning Procedures: Blood and other bodily fluids must be thoroughly cleaned from surfaces and objects before application of this product.

Disposal of infectious materials: Blood and other bodily fluids must be autoclaved and disposed of according to Federal, State, and local regulations for infectious waste disposal.

Contact Time: Allow surfaces to remain visibly wet for 5 minutes for the inactivation of Human Immunodeficiency Virus Type-1 (HIV-1)* and Human Hepatitis B Virus (HBV)*

To Disinfect Food Processing Premises: floors, walls and storage areas, hold container six to eight inches from the surface to be treated and spray area until it is covered with the solution. Allow this product to penetrate and remain wet for required contact times: (5 minutes for Bacteria See contact list above) Heavily soiled areas must be pre-cleaned before using this product. Food products and packaging materials must be removed or carefully protected prior to using this product.

SANITIZATION: Hard Surface Sanitization No Rinse Required: 60 sec contact time Staphylococcus aureus (ATCC 6538) Salmonella enterica serovar typhi (ATCC 6539)

To Sanitize Hard Non-porous Food Contact Surfaces: Staphylococcus aureus (ATCC 6538) and Salmonella enterica serovar typhi (ATCC 6539) sanitization of food contact surfaces. Mix 1 part product to 6 parts tap water. For glassware, utensils, cookware, and dishware: Spray and pre-wash, then wash with a good detergent. Rinse with potable water, then sanitize by immersion in product for 1 minute (or longer if specified by government sanitary code). Place on a rack or drain board to air dry. Do not rinse or wipe. Food Contact Immovable Surfaces: (food processing equipment, counter tops, tables, appliances) Remove all gross food particles and soil by cleaning and rinse with potable water. Apply product by wetting thoroughly and let stand for 1 minute (or longer if specified by government sanitary code). Let surfaces drain and air dry. Do not rinse or wipe.

Fungus Treatment Directions for Use: To Eliminate Fungus: **SNIPER®** kills Trichophyton mentagrophytes ATCC 9533 fungus on hard-non porous surfaces. Treat surfaces contaminated with fungus thoroughly with **SNIPER®** and remove visible growth from surface. To disinfect, spray to thoroughly wet pre-cleaned surface and allow surface to remain wet for 10 minutes for Trichophyton mentagrophytes ATCC 9533. **SNIPER®** can be used in all disaster recovery, such as fire and smoke damage or flood and water damage. Disaster Recovery Directions of Use: To clean wet surfaces of all organic matter (dust, mud, debris, etc.) spray **SNIPER®** on all surfaces for removal of smoke from fire damage. Floodwaters can bring concern of bacteria. Use **SNIPER®** after floodwaters recede and after clean and drying is complete. (Follow directions for use for disinfection applications) Directions to Remove Allergens: To clean and reduce specified allergens spray wait 1 minute, and wipe excess. Allow to air dry. If streaking is observed, wipe with a clean, damp cloth or paper towel.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to the discharge. Do not discharge effluent containing this product to sewer systems without preciously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the EPA.

STORAGE AND DISPOSAL Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container in areas inaccessible to children and pets. Keep securely closed.

PESTICIDE DISPOSAL: To avoid waste, use all material in this container according label directions. Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL. Non-refillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling, if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. (For containers less than or equal to 2.5 gallons) Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsed disposal. Repeat procedure two more times. Then offer for recycling if available or puncture and dispose of in sanitary landfill, or by incineration.

HVAC Directions for Use:

FOR ANTIMICROBIAL CONTROL IN HVAC SYSTEMS AND AIR DUCTS (INCLUDING ODOR CAUSING BACTERIA). IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. THE PERSON APPLYING THIS PRODUCT IS RESPONSIBLE FOR FOLLOWING THESE DIRECTIONS UNDER BOTH STATE AND FEDERAL LAWS.

If you need help in understanding any part of these instructions or have additional questions after reading these instructions, DO NOT APPLY THIS PRODUCT until you have received the answers for all of your questions.

Inspection: Prior to inspecting, cleaning, treating, repairing or otherwise working on the HVAC or duct section, the HVAC system should be turned off or the section under repair physically isolated from sections in active use. Prior to any application of PRODUCT the system must be inspected for cleanliness and mechanical condition. When instituting any measures to repair, clean or treat HVAC system components or air ducts, industry standards from the American Society of Heating and Refrigeration Engineers (ASHRAE), National Air Duct Cleaners Association (NADCA), Indoor Air Quality Association (IAQA) and other organizations must be followed. HVAC systems should be routinely inspected for cleanliness by visual means. The NADCA Standard, Assessment, Cleaning and Restoration of HVAC Systems (ACR 2002 or the latest revision), provides minimum recommended inspection frequency schedules for ducts and other system components. More information on NADCA standards can be obtained from the NADCA web site at www.nadca.com.

Cleanliness Inspection: According to NADCA Standards, HVAC system cleaning must be performed when any of the following conditions are found in the cleanliness inspection. If any of these deficiencies are found during inspection in accordance with industry standards must be performed prior to the application of PRODUCT. At a minimum, these standards require removing all loose soil and debris with a HEPA filter equipped vacuum cleaner and complete cleaning of soil from all heat exchange surfaces using a special cleaner formulated so as to clean such soils effectively yet not damage heat exchange components or release unpleasant or potentially damaging fumes.

Cleanliness: HVAC systems should be operated in a clean condition. If significant accumulations of contaminants or debris are visually observed within the HVAC system, then cleaning is necessary. Likewise, if evidence of microbial growth is visually observed or confirmed by analytical methods, then cleaning is required. If the HVAC system discharges visible particulate into the occupied space, or a significant contribution of airborne particles from the HVAC system into the indoor ambient air is confirmed, then cleaning is necessary. Heat exchange coils, cooling coils, air flow control devices, filtration devices, and air-handling equipment determined to have restrictions, blockages, or contamination deposits that may cause system performance inefficiencies, air flow degradation, or that may significantly affect the design intent of the HVAC system, require cleaning. Drain pans must be free from slime and sludge or other contamination. Bled and/or corroded drain pans must either be repaired or replaced.

Fans and Fan Housing: Must be free from accumulations of microbial growth and particulate matter.

Filters: Must be in good condition and cleaned or replaced as needed to avoid exceeding the allowable pressure drop for the equipment. If you need help in understanding existing industry standards, consult a qualified professional or contact Customer Service at 1-877-236-4710 for guidance and further direction or consult the information at www.epa.gov (search on "HVAC Systems" or "air ducts"). In addition, the following association and society Internet sites should be consulted for information on standards and guidelines they have developed: ACCA - www.acca.org ASHRAE - www.ashrae.org NADCA - www.nadca.com NAIMA - www.naima.org SMACNA - www.smacna.org.

Mechanical Inspection: PRODUCT must be used only on HVAC system components and air ducts in sound mechanical condition as defined in 2.2.1 and 2.2.2 (below). The HVAC system components must be designed and installed in conformance with industry standards and guidelines. Prior to using the Product, inspect the HVAC system and ducts and assure that they are in sound mechanical condition. The following general guidelines, supplemented by industry standards from SMACNA, NAIMA, ASHRAE, ACCA and other organizations, must be followed:

Air Leaks and Mechanical Defects: The equipment housing, cabinets and ducts must be free from air leaks and other mechanical defects. Air leaks will promote condensation of water that causes microbial growth and will lead to failure of PRODUCT to protect the system adequately.

Design and Installation: ASHRAE, SMACNA, NAIMA and other industry organizations have established guidelines and standards for the design and installation of HVAC and duct systems. You should determine that the system components you wish to contract to industry practice. If you are not knowledgeable of industry guidelines and standards, consult a qualified professional or contact Customer Service at 1-877-236-4710 for assistance. In some situations, the inspection may reveal that a component of the HVAC or duct system is badly damaged or in such poor operating condition that it cannot be corrected through cleaning and/or minor repair. In these situations, the system should be replaced or rebuilt in conformity to the applicable industry standards prior to using PRODUCT. Some (but not all) of the conditions that would indicate the need for major repairs or replacement of the system include: Improper size of system or component: The system and all components must be sized to achieve correct airflow and be of the proper capacity for the load. When air-handling equipment is changed or new inlets or outlets added, the size of all components in the system should be recalculated and replacements made as needed.

Physical Damage: Crushed or physically damaged equipment may leak air or perform as designed. Deformed air ducts will restrict airflow and may leak (especially at joint areas). Damaged equipment must be repaired or replaced if it is extensive damage, the entire system should be replaced. **Badly corroded metal components:** Including duct sections, housings and cabinets, coil assemblies, drain pans, fans and their housings and heat exchange surfaces.

Loose, Damaged, Friable or Missing Insulation: Insulation is important in preventing moisture condensation and subsequent growth of bacteria and other organisms. If insulation (either interior or exterior) is damaged, missing or not properly fastened it must be repaired or replaced or the associated duct sections replaced. Air handling, mixing, and VAV box housings are also normally insulated and this insulation should be checked for damage in a like manner. Removable components that are contaminated with bacteria and other microbial growth may spread contamination while being removed from the building. To prevent this, smaller items should be placed in plastic bags that should then be sealed before being removed. Larger items that cannot be safely packaged should be treated before being moved through occupied spaces. An appropriately labeled disinfectant can be used during treatment. Care must be used during treatment to assure that fumes from the agent being used are not released into occupied spaces. Products used should be used according to their label directions. Please contact Customer Service at 1-877-236-4710 for guidance on the appropriate disinfectant to use for treatment.

General Directions for PRODUCT Usage: PRODUCT effectively controls by inhibiting growth of odor causing bacteria, fungi, and other odor, stain or damage causing organisms in HVAC system components and air ducts in residential, commercial, institutional, and industrial buildings. PRODUCT also eliminates odors associated with bacteria, smoke, animals, cooking, spillage, musty and other odors and removes odor-causing organisms when used as part of such a comprehensive preventative maintenance program in HVAC systems and air ducts. PRODUCT is a bacteriostatic, fungistat, and deodorizer for use in residential, commercial and industrial settings. It will not stain or bleach materials or fabrics and will not harm or damage HVAC system components.

PRODUCT is formulated for use in all kinds of HVAC components and air ducts including:

Turnouts; Air Handlers; Packaged units including Rooftops and Packaged Terminal Air Conditioner (PTAC) units, Fan coil units, Air distribution, components such as air handlers, mixing boxes, transfer boxes, transitions, and turning vanes, dampers, fans and fan housings; and associated components: Condensate drain pans, Unlined sheet metal ducts, Air supply and return ducts and plenums fabricated with plywood, OSB or other wood like material: Flexible air ducts fabricated of metal or plastic, Humidifiers, Dehumidifiers, both Desiccant and Refrigerated, Registers, Grills and other air intake and discharge devices

Follow the directions below for the specific type of duct or component being treated. It is vital that the following directions be carefully read and understood prior to using the Product. If you have any questions, need further information, require clarification, or do not understand any of the directions, call Customer Service at 1-877-236-4710 prior to use.

HVAC Application Instructions: Wet the surfaces with the spray, giving special attention to cracks and crevices. [Product will not stain any materials not stained by water] we suggest testing for compatibility on surface of concern first. Allow ten to twenty minutes for drying. No rinsing or wiping is required. Following the elapsed drying time it is best practice to purge the system, by increasing the negative pressure through the outdoor exhaust or negative air machine or by turning on the vacuum used to pre-clean the HVAC system, while removing the duct openings seals. This will minimize the release of scent into the spaces served by the system.

Application Equipment and Devices: Refer to the precautionary statements for the Personal Protective Clothing and other special instructions that must be followed.

Spray Applicators:

Spray application is preferred on large surfaces that are easily accessible (such asplenums, coil assemblies, the interior of cabinets, housings with removable access panels, and in long runs of large diameter ducts). The spray equipment chosen should provide a consistent fine (1-300 micron) particle size and uniform spray pattern. Powered medium pressure sprayers are preferred. However, airless sprayers are suitable. Where airless sprayers are used, the most satisfactory spray pattern will be achieved using a 0.01 1" spray tip. For other brands and options contact Customer Service at 1-877-236-4710. Pump up garden type sprayers can be used but care must be taken to maintain maximum pressure by pumping frequently and the spray nozzle must be adjusted for the finest spray pattern possible. During application achieve complete uniform coverage. Avoid excessive wetting and do not allow the spray to run or pool. Automated Atomizing or Spray System: There are a number of automated spraying systems on the market including those that are carried by a "robot" through air ducts. These may provide an excellent option for application of PRODUCT in parts of air ducts that are difficult to access if they produce the correct spray pattern and application quantity. These devices must be visually monitored using video or other means while applying spray so proper application rate will be maintained. Please contact Customer Service at 1-877-236-4710 regarding a specific device should you have questions. Brush, Mop or Wipe Application: Brush, Mop or Wipe Application: Brush, Mop or Wipe Application may be specified by some facility maintenance or remediation plans. These techniques are generally more labor intensive than other methods and are normally used only when specifications require. These methods are suitable only for smooth uniform surfaces. Do not use on porous or non-uniform surfaces. If in doubt about a given surface, contact Customer Service at 1-877-236-4710 before proceeding. When using brush or mop application, tools and materials used should be reserved only for application of PRODUCT, kept clean and protected between uses and replaces when worn or visibly soiled. Natural fiber brushes are preferred although any quality brush is acceptable. Mops should be of the types that leave minimal lint behind. Micro-fiber or other non-linting cloths are preferable. Where other types of cloths are used, they must be soft enough that they absorb a sufficient quantity of liquid to provide uniform application. During Brush, Mop or Wipe Application, the applicator must have access to the surfaces being treated. Usually this will require entering the component or air duct. In such cases, application should start from the point most distant from the point of entry. The applicator will then work from that point back to the entry point covering a 3-foot length of duct at a time. Apply to the top of the area to be treated first, followed by the sides then the floor. Overlay applications to assure complete coverage. Cover completely while avoiding runs or pooling. Application Techniques: PRODUCT must be applied evenly to surfaces that are being treated. Even and uniform application is essential for satisfactory results. The procedures, equipment and techniques described below have been tested and provide the desired results. Other procedures, equipment or techniques may also achieve satisfactory results but should not be used without discussing the specific situation and equipment with a Customer Service Representative who can be reached toll free at 1-877-236-4710.

Application from Exterior of the HVAC System or Air Duct:

PRODUCT may be sprayed into existing access openings where these provide adequate access. Normally these consist of removable panels or access doors. Completely cover all nonleakable components until they are thoroughly and uniformly covered using hand or powered spray equipment. This is the technique of choice for large penthouse or built up air handlers and other components with access panels or doors. When applying to ductwork, spray into openings at a minimum of every 8 feet Existing supply openings can be used where they provide a clear view of the surfaces being sprayed so that uniform application can be achieved. However, additional penetrations will have to be made, as needed, so enough openings will be available to achieve total and uniform coverage. Spray application is not an acceptable technique where openings are greater than 8 feet apart, additional openings cannot be made and properly sealed, and/or the duct geometry does not allow for uniform coverage. In such cases, application from within the HVAC system is necessary (see 3.3.2 below). Application from Within the HVAC System: When PRODUCT cannot be sprayed into openings at intervals throughout the HVAC or duct system, you must gain entry into the system and spray the Product onto interior surfaces until they are thoroughly and uniformly covered using hand or powered spray equipment. This is the most frequently used technique and is the technique of choice for air handlers, other components with access panels or doors and large diameter (generally 20" x 20" minimum) ducts where direct access can be gained to surfaces being treated. Some protection is provided for drain pans by excess PRODUCT that runs off of cooling coils when they are treated. Spraying PRODUCT, onto the surfaces of the pan or pouring into the drain pan until the bottom of the pan is uniformly wetted, can provide additional protection. Before treating the drain pan, check to determine that the drain line is clear and free running and that the drain pan is clean and free of loose corrosion. Replace badly deteriorated pans. Drain pans that do not drain completely and retain water may experience microbial growth even when treated. Level drain pans and otherwise adjust them so water completely drains from them. Fans and Fan Housings: Fans create air turbulence, which can lead to condensation of water that supports bacterial and other growth. As a result, fan blade and blower wheel surfaces as well as associated housings are especially prone to fouling from both microbial growth and soil accumulation. It may be necessary to partially or completely remove and disassemble these components so they may be properly cleaned prior to application of PRODUCT. Complete cleaning must take place before attempting to treat these components. Humidifiers and Dehumidifiers: Because of the amount of water present, humidifiers and dehumidifiers are often sites especially prone to microbial growth. They also attract and hold soil as growth related contamination builds up over time. This accumulated material must be thoroughly removed prior to treatment with PRODUCT. For some units, cleaning may also signal the need to replace pads, belts, wheels or service other components. The manufacturer of the unit being maintained should be consulted on the proper maintenance and cleaning procedure. Rate of Application: The recommended rate of application for PRODUCT varies depending on the surface being treated. Users of this Product must carefully follow the rate of application instructions provided below: Bare Metal and Flexible Ducts: Apply until surface is evenly wet. Coverage 1,000 t12 per gallon. Spray coverage 500 t12 per gallon. If the above application rates result in surface runoff or liquid pooling on the bottom of the duct, lower the application rate until the surface is thoroughly and evenly wet without runoff or pooling. The exception to this is when treating coil assemblies. In this case, the spray should be applied generously until there is runoff into the drain pan or as to penetrate the coil assembly to the greatest possible depth. Semi Porous Surfaces such as Concrete or Plaster: Apply until surface is evenly wet. Coverage 500 t12 per gallon. Wipe not recommended. Spray coverage 250- t12 per gallon. PRODUCT must penetrate into surface crevices and irregularities or it will not be effective. Inspect and assure that penetration is satisfactory. It may be helpful to apply half of the quantity needed for full coverage spraying from side to side then repeat the application moving the spray from top to bottom. Frequency of Application: Normally, infrequent application (every 3 months for HVAC Systems and every 6 months to every two years for air ducts) will provide effective control. Some critical applications such as HVAC and duct systems serving critical health care spaces or clean rooms where it is essential to minimize the generation of particulate matter that may be released as a by Product of microbial growth may require more frequent treatment. Do not apply more often than monthly and then only if there is evidence of re-growth. This Product must only be used in those cases where visible microbial growth has been detected in the system and then only after removing that growth and identifying and correcting the conditions that led to that growth. Prior to reapplication in such cases, investigate to determine the cause of re-growth and correct that problem prior to re-application. Before embarking on a program of frequent application (more frequent than every three months) contact Customer Service at 1-877-236-4710 to discuss the specific application and situation. Also make sure the recurrence of microbial growth does not have another cause such as persistently high humidity, standing water or hidden leaks. Prior to reapplication, the interior of the ducts and other surfaces must be inspected and found to be free of accumulated soil. If soil or growth is found, the cause should be determined and corrected and then the ducts cleaned in accordance with accepted industry practice. If microbial growth persists in air ducts following application re-inspect for duct leaks, carryover of water from cooling coils or humidifiers and other sources of moisture promoting growth. Eliminate such sources of moisture through proper retreating. Returning the System to Operation following Application: Equipment being treated and the fans and blowers in the section of duct being treated must be turned off during application of PRODUCT. If the system cannot be shut down, the section of the system being treated must be isolated until treatment is complete. This will prevent the spray from being blown away from the surface that is being treated. Do not attempt to use the system fan or blower to carry PRODUCT to the surfaces within system. Such a practice will not result in uniform application of the Product to the surfaces being treated and will lead to ineffective control. Do not attempt this. The system can be returned to full operation as soon as treatment is completed or at any time following completion of treatment. PRODUCT will dry on surfaces within 15 minutes following application. Extended drying time does not have an impact on effectiveness of treatment. PRODUCT should not be rinsed off following application so it will continue to inhibit the growth of microorganisms on treated surfaces. When the above directions are followed properly, there will not be significant concentrations of Product released to the spaces served by a system being treated.

There is no need to have occupants leave the building during application.