**BactroKill Plus** provides hospital disinfection, multi-surface cleaning and odor elimination. *BactroKill Plus is Ready to Use, No Rinse and Fragrance Free!* 

**BactroKill Plus** is formulated to be non-abrasive and will not harm most hard, non--porous surfaces. **BactroKill Plus** technology has no harsh chemical fumes or phosphates and will not leave a sticky residue. For easy cleaning, **BactroKill Plus** is good to use with microfiber cloths.

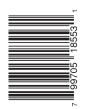
**DISINFECTION:** for disinfection of hard non-porous surfaces, typically found in medical facilities, food processing, schools and institutions. Ideal for use in: patient rooms, ORs, ERs, kitchens, restrooms, food processing, labs, senior care and athletic facilities. Spray **BactroKill Plus** at full strength, wetting surfaces thoroughly. Allow surfaces to remain wet for 5 minutes for disinfection of bacteria, including: MRSA and Salmonella\*. Allow surfaces to remain wet for 10 minutes for virus inactivation of Influenza and Canine Parvovirus.\*

(\*Peel back label to learn more.)

*ODOR CONTROL:* **BactroKill Plus**'s unique technology destroys odor at the source leaving a clean fresh scent. Apply at full strength on affected items such as: furniture, mattresses, curtains, carpets, litter boxes, sports equipment, body armor, shoes and vehicles. (Always check for fabric color fastness in an inconspicuous area). Wet items thoroughly and let air dry for residual deodorizing. (\*Peel back label to learn more.)

# **MOLD & MILDEW CLEANER**

KEEP OUT OF REACH OF CHILDREN





# Bactronix Corp.

Airside Business Drive Building 500, Suite 530 Lindbergh Drive Moon Township, PA 15108 855-515-3231

Fighting the Invisible Enemy!



**BactroKill Plus** is a revolutionary broad spectrum, non-abrasive, disinfectant, cleaner and odor eliminator.

SANITIZING: Hard Surface Sanitization No Rinse Required: 60 sec contact time. Staphylococcus aureus (ATCC 6538) and Salmonella enterica serovar typhi (ATCC 6539) sanitization. To Sanitize Hard Non-Porous Food Contact Surfaces: Mix 1-part product to 6 parts tap water. For glassware, utensils, cookware, and dishware: Scrape and pre-wash, then sanitize by immersion in product for 1 minute. Place on a rack or drain board to air dry. Do not rinse or wipe. Food Contact Immobile 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. Let surfaces drain and air dry. Do not rinse or wipe. Final Sanitizing Bottle Rinse: BactroKill Plus may be used as a final sanitizing rinse for returnable and nonreturnable bottles when diluted 6 parts water to 1-part BactroKill Plus. (\*Peel back label to learn more.)

**DISASTER RECOVERY:** BactroKill Plus can be used in all disaster recovery, such as fire and smoke damage or flood and water damage.

- Fungicide
- Heavy Duty Odor Eliminator
- Antimicrobial
- Eliminate Bacteria Causing Odor
- Mold and Mildew Cleaner
- Removes Odors from Mold / Mildew
- Allergen Remover



HVAC APPROVED (Peel back label to learn more)
IDEAL FOR MEDICAL, FOOD PROCESSING, SCHOOLS AND INSTITUTIONS:
Hospitals, Senior Care, Food Service Equipment, Restaurants, Kitchens, Classrooms,
Dorms, Athletic Facilities, Sporting Equipment, Wrestling Mats, Labs, Locker Rooms
and Correctional Facilities.

Net Content: ONE GALLON (128 Ounces)
PEEL HERE FOR MORE INSTRUCTIONS



BACTROKILL PLUS® was specifically engineered for the disinfection needs associated with the high demands of industrial uses. Healthcare facility uses, as well

BACTROKILL PLUS® provides hospital disinfection, multi-surface cleaning, and odor elimination.

BACTROKILL PLUS® 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 BACTROKILL PLUS® on to soiled surfaces then thoroughly clean and wipe away gross filth with sponge or cloth.

Discinfect Harrl Non-Porous Surfaces: For disinfection of ore-cleaned hard non-porous surfaces such as plastic, painted or finished wood, chrome, stainless steel, aluminum, polyurethane coated hardwood floors, glazed ceramic tile, sealed concrete and linoleum floors, etc. Soray BACTROKILL PLUS® at full strength, at a distance of 6-8 inches from surfaces while wetting surfaces thoroughly. Allow surfaces to remain visibly wet for 5 min for disinfection of Gram-Negative hacteria, Gram-Positive hacteria, Stanbulococcus aureus ATCC 6538 (Stanb), 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. TYDE A (H1N1) ATCC VR-333 and Capine Parvoyinis ATCC VR-953. BACTROKILL PLUS® 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 Tyce 1 (HIV-1) (associated with AIDS) and Human Henatitis 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 Henatitis 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 - 10 min for Virus inactivation See 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 Stanhylococcus aureus (ATCC 6538) Salmonella enterica sernyar tyohi (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 plassware, utensils, cookware, and dishware; Scrape 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 wine, Food Contact Immobile Surfaces; (food processing equipment, counter toos, 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. Final Sanitizing Bottle Rinse; Bactrokill Plus may be used as a final sanitizing rinse for returnable and non-returnable bottles when diluted at the rate of 6 parts water to 1 part RactroKill Plus

Fundus Treatment Directions for Use: To Eliminate Fungus: BACTROKILL PLUS® kills Triochphyton mentagrophytes ATCC 9533 fungus on hard-non porous surfaces. Treat surfaces contaminated with fungus thoroughly with BACTROKILL PLUS <sup>(8)</sup> 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 inhority

FOR DISASTER RELIEF: BACTROKILL PLUS can be used in all disaster recovery, such as fire and smoke damage or flood and water damage, Disaster Recovery Directions of Use: After cleaning surfaces of all organic matter (dust, mud, debris, etc.) soray BACTROKILL PLUS® on all surfaces for removal of smoke from fire damage. Floodwaters can bring concern of bacteria. Use BACTROKILL PLUS® after floodwaters recede and after clean and drying is complete. (Follow directions for use for disinfection applications) Directions to Remove Alleroens: To clean and reduce specified alleroens soray wait 1 minute, and wice 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 quidance contact your State Water Board or Regional office of the EPA.

### HVAC Directions for Use:

FOR ANTIMICRIOBIAL 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 LINDER 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 active use. Prior to any application of PRODUCT the system must be inspected for cleanliness and mechanical condition. When initiating any measures to renair, clean or treat HVAC system components or air ducts, industry Standards from the American Society of Heating and Refrigeration Engineers (ASHRAF) National Air Duct Cleaners Association (NADCA). Indoor Air Quality Association (IADA) 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.

inspection, cleaning 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

Contamination: 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 from the HVAC system into the indoor ambient air is confirmed, then cleaning is necessary. Heat exchange coils, conling 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. Badly rusted or corroded drain pans must either be regained or replaced.

Fans and Fan Housings: 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 nonfessional or contact Distance Service at 1-855-515-3273 for unidance and further direction or consult the information at www.vea.oru (search on "NWAC Systems" or "air ducts"). In addition, the following association and BACTRONILL PLUS may be surraised into existing access openings where these provide adequate access. Normally these consists of removable roades. society Internet sites should be consulted for information on standards and quidelines they have developed: ACCA - www.acca.org ASHRAF - www.ashrae.org NADCA - www.gadca.com NAIMÁ - www.gaima.org SMACNA -

Mechanical Inspection: BACTROKILL PLUS 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 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 quidelines and standards for the design and installation of HVAC and duct systems. You should determine that the system components you wish to treat conform to industry practice. If you are not knowledgeable of industry quidelines and standards, consult a qualified professional or contact Customer Service at 1-855-515-323 for assistance. In some situations, the inspection may reveal that a component of the HVAC or duct system is hadly damaged or in such noor operating condition that it cannot be corrected through cleaning and/or minor renair. 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.

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 mission or not properly fastened it must be renaized or replaced or the associated duct sections replaced. Air handler, mixing, and VAV hox housings are also normally insulated and this insulation should be checked for damage. in a like manner, Removed 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 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 1-855-515-3731 for quidance on the appropriate disinfectant to use for treatment.

General Directions for BACTROKILL PLUS 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, spoilage, musty and other odors and removes odor-causing groundsms will not stain or bleach materials or fabrics and will not harm or damage HVAC system components.

#### BACTROKIL PLUS is formulated for use in all kinds of HVAC components and air ducts including:

Furnaces, Air Handlers, Packaged units including Rooftgos and Packaged Terminal Air Conditioner (PTACT) units, Fan coil units, Air distribution, components such as air handlers, mixing hoxes, transfer hoxes, transitions, and turning vanes, dampers, fans and fan housings, and associated components; Condensate drain gans, Unlined sheet metal ducts, Air supply and return ducts and glenums fabricated with plywood. QSB or other wood like material; Flexible air ducts fabricated of metal or plastic, Humidifiers, Dehumidifiers; both Desiccant and Refrioerated, 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 1-855-515-3231 prior to use.

HVAC Application Instructions: Wet the surfaces with the soray, giving special attention to cracks and crevices, BACTROKILL PLUS 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

Soray 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 soray 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 nattern will be achieved using a 0.01 1" spray tip. For other brands and onlines contact Customer Service at 1-855-515-3232, 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 gool. Automates 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 BACTROKILL PLUS in parts of air ducts that are difficult to access if they produce the correct soray pattern and application quantity. These devices must be visually monitored using video or other means while applying soray so proper application rate will be maintained. Please contact Customer Service at 1-855-515-3231 reparding a specific device should you have questions. Brush, Mon or Wine Application: Brush, Mon or Wine 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-Cleanliness inspection: According to NADCA Standards, HAZC system cleaning must be performed when any of the following conditions are found during uniform surfaces. If in doubt about a given surface, contact Customer Service at 1-855-515-223 before proceeding. When using brush or mop application, tools and materials used should be reserved only for acolication of PRODUCT. keep clean and protected between uses and replaced when worn or visibly soiled. Natural fiber brushes are preferred although any quality brush is acceptable. Moos should be of the types that leave minimal lint behind. Micro-fiber or other noncleaner and compilete 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 access to the surfaces being treated. Usually this will require entering the component or air ducts. In such cases, application must 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 too of the area to be treated first, followed by the sides then the floor, Overlap applications to assure complete coverage, Cover completely while avoiding runs o microbial growth is visually observed or confirmed by analytical methods, then cleaning is required. If the HMZ system discharges visible particulate into the occupied space, or a significant contribution of airbrane earticles profile. 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

## Application from Exterior of the HVAC System or Air Duct:

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 opening 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, designed and installed in conformance with industry standards and guidelines. Prior to using the Product, inspect the HAAC system and ducts and asset that they are in south mechanical conformance with industry standards and guidelines. Prior to using the Product, inspect the HAAC system: When PRODUCT cannot be sorared into one-intos 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. Soraving BACTROKILL PLUS, onto the surfaces of the pan or pouring into the drain pan until the bottom of the pan is uniformly wet, can provide additional protection. Before treating the drain gan, check to determine that the drain line is clear and free running and that the drain gan is clean and free of loose corrosion. Replace hadly deteriorated gans. 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 nactivity 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 prope to microbial provide. They also attract and hold soil as provide 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 Physical Damage: Crushed or physically damaged equipment may leak or fail to perform as designed. Deformed air duots will restrict airflow and may leak (especially at joint areas). Damaged equipment must be reasined or manufacturer of the unit being maintained should be consulted on the proper maintenance and cleaning procedure. Rate of Acolication. The recommended rate of acolication for BACTROKILI PLUS varies desembling in the surface being maintained should be consulted on the proper maintenance and cleaning procedure. Rate of Acolication. 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Rate of Acolication for BACTROKILI PLUS varies desembling in the proper maintenance and cleaning procedure. Rate of Acolication for BACTROKILI PLUS varies desembling in the proper maintenance and cleaning procedure. Rate of Acolication for BACTROKILI PLUS varies desembling in the proper maintenance and cleaning procedure. Rate of Acolication for BACTROKILI PLUS varies desembling in the proper maintenance and cleaning procedure. Rate of Acolication for BACTROKILI PLUS varies desembling in the proper maintenance and cleaning procedure. Rate of Acolication for BACTROKILI PLUS varie replaced or if there is extensive damage, the entire system should be replaced. Badly corroded metal components: Including dust sections, housings and each nets, coal assembles, drain pans, fans and their housings and heart treated. Users of this Product must carefully follow the rate of application instructions provided below: Bere Metal and Flexible Ducts: Apply until surface is evenly wet. Coverage 1,000 ft2 per gallon. Spray coverage 500 ft2 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 so 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 ft2 per gallon. Wipe not recommended. Spray coverage 250- ft2 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 baos that should then be sealed before being removed. Larger items that cannot be safely occioused should be treated before being moved through occupied spaces. An appropriately labeled disinfectant can be used during a 3 months for HVAC Systems and every for morths 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-roduct 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 reapplicatio 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 reoccurrence of microbial growth does not have another cause such as persistently high humidity, standing water or hidden leaks. Prior to reapplication when used as part of such a comprehensive preventative maintenance program in HVAC systems and air ducts. PRODUCT is a bacteriostat. Impoistat, and develorizer for use in residential, commercial and industrial settinos, It the interior of the ducts and other surfaces must be inspected and found to be free of accommentated 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 before 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 micrographisms 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.

Seller expressly warrants that the product conforms to its chemical description. There are no warranties associated with sale of the product either express or implied including but not limited to the warranties of fitness for a particular purpose or use. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE. For additional application information call 1-855-515-3231

# HVAC APPROVED

General Directions for PRODUCT Usage: BactroKill Plus 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 buildings. BactroKill Plus also eliminates odors associated with bacteria, smoke, animals, cooking, spoilage, musty and other odors and removes odor-causing organisms when used as part of a comprehensive preventative maintenance program in HVAC systems and air ducts. BactroKill Plus is a bacteriostat, fungistat, and deodorizer for use in residential, commercial and industrial settings. It will not harm or damage HVAC system components.

# BactroKill Plus is formulated for use in all kinds of HVAC components and air ducts including:

- Furnaces
- 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, turning vanes, dampers, fan and fan housings and associated components
- Condensate drain pans
- · Unlined sheet metal ducts
- Air supply and return ducts and plenums fabricated with plywood, 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 devises

# **BactroKill Plus Deodorizations by Air Claims:**

- Air odor eliminator
- Eliminates odors at the source
- . Deodorizes and freshens air from odor caused by bacteria
- Eliminates strong ammonia odors

# MEDICAL USE SITE

- Ambulance / Medical Transport Vehicles
- Ambulatory surgical centers (ASC)
- Anesthesia rooms or areas
- · Assisted living / Nursing homes
- Carts
- CAT Laboratories
- · Central service areas
- · Central supply rooms or areas
- . Critical care units or CCUS
- · Dialysis clinics
- Doctors' offices
- Donation centers (blood) (plasma)
- Emergency room or ERs
- Eye surgical centers
- Health care facilities
   Health care facilities
- Home health care settings
- Medical clinics
- Medical facilities
- Newborn or neonatal (nurseries)
- Nursing homes
- . Nursing or nurses' stations
- · Operating rooms
- Ophthalmic offices
- Orthopedics
- Out-Patient Surgical Centers (OPSC)
- · Patient areas
- Patient restrooms
- · Patient rooms
- Pediatric Examination rooms / pharmacies
- Physical therapy rooms / physicians' offices
- Hospital kitchens
- Hospices
- Intensive care ICUs
- Laundry rooms laboratories
- Long term care facilities
- Psychiatric facilities
- Radiology x-rayrooms / recovery rooms
- · Rehabilitation centers
- · Respiratory therapy rooms
- Surgery rooms / operating rooms
- Waiting rooms or areas
- Nursing homes

# DENTAL USE SITE

- Dental Offices Dental Operatories
- Examination rooms
- Dental Offices
- Dental Surfaces
- · Amalgamators / dental curing lights
- · Endodontic equipment such as apex locators
- · Pulp testers and motors
- · Dental hard, non-porous surfaces
- Operatory surfaces
- Light lens covers

# **FOOD PROCESSING USE SITE**

- · Dish racks
- Drain boards
- Food cases
- Food travs
- · Freezer exteriors
- Hood
- (Kitchen) Appliance exteriors
- · Microwave exteriors
- Plastic or metal outdoor furniture
- Refrigerator exteriors
- Salad bar sneeze guards
- Food processing equipment
- Bars
- Cafeterias
- Catering facilities
- Commercial / institutional kitchens
- Delis
- Fast food chains
- Restaurants
- Food processing areas
- School kitchens food processing
- Establishments
- Food serving areas
- Vending machines
- Water coolers
- Water fountains

# VETERINARY USE SITE

- · Animal holding areas
- Animal and Life science laboratories
- Animal or Pet Grooming facilities
- Animal transportation vehicles
- Breeding establishments
- Dairy farms
- Equine farmsFarms
- Hatcheries
- Kennels
- Litter BoxesLivestock / Swine / Poultry facilities
- Pet Shop or Stores
- · Pet waters and feeders
- · Tack Shops
- Veterinary Clinics or Facilities
- Veterinary / Offices / Waiting rooms
   Veterinary / Animal Hospitals
- Veterinary Examination Rooms
- Veterinary X-Ray Rooms
- Veterinary Operating Rooms700s

**Deodorization Directions for Use:** To Deodorize: Apply BactroKill Plus at full strength to eliminate odors in shoes. furniture, mattresses, curtains / drapes, carpets, rugs, sports equipment, helmets, gloves, body armor, vehicles and airplanes. (Always check for fabric color fastness in an inconspicuous area). BactroKill Plus eliminates odor associated with smoke from tobacco or fires, musty odors, body odors, stalecooking odors, and odors from urine. For carpeting, spray BactroKill Plus at full strength, with spray bottle or electric / pump atomization spray, thoroughly wet the carpet with BactroKill Plus, or saturate to the padding for complete deodorization. For hard to reach areas, apply with electrostatic, compression sprayer, Product works by oxidation, not by masking of odors. Eliminates odors from mold. mildew or other nonpublic health organisms. Removes the smell of fish, from clothing, gear, ice chests and refrigerators / freezers. Treat your gear to remove smoke, body odor or anything that can be detected by game or predators. Ideal for: ice chest / freezers, trash cans, boats, hunting & fishing gear, sleeping bags, tents, fish / game cleaning stations. trucks, cars, and dog kennels.

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 ½ 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.