

Information for Reviewers:

Informational text is presented in {braces} or *italicized*; Optional text is presented in [square brackets]. An optional text block containing other optional text is presented in [[double square brackets]]. Label claims and use directions within a block marked [[[to]]] are all individually optional.

{FRONT PANEL}

MASTER LABEL

{Primary Brand Name:}

1st Place Science

[Optional MOA Classification No.]

{Alternate Brand Names:}

NOTE TO REVIEWER: The following descriptors may be used on a label only if use directions for the described use are included on the label.

**[Cleaner / Mold and Mildew Stain Remover] [Allergen Remover]
[Disinfectant] [Antimicrobial / Fungicide] [Deodorizer] [Bactericide]
[Food Contact Surface Sanitizer] [Fungistat]**

ACTIVE INGREDIENTS:

Chlorine dioxide	0.200%
Dimethyl Benzyl Ammonium Chloride N-Alkyl (60% C14, 30% C16, 5% C12, 5% C18).....	0.085%
Ethylbenzyl Ammonium Chloride N-Alkyl (68% C12, 32% C14) Dimethyl.....	0.085%
Other Ingredients.....	99.630%
Total.....	100.000%

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 71700-2-92519
EPA Est. No.

Distributed by: Applied Science Labs
P.O Box 2416
McKinney, TX 75070
619-825-2121

Net Contents: 3, 4, 8, 16, 32 fluid ounces, 1, 2.5, 55 gallon(s)

{END OF FRONT PANEL}

NOTE TO REVIEWER: Any claim may appear on either FRONT, LEFT, RIGHT, or BACK panel in bullet or paragraph format. Claims relating to a given use pattern may be used on a label only if use directions for the described use are included on the label.

[CLAIMS and DIRECTIONS FOR USE]

{General Claims}

[[[

- [All Purpose Cleaner]
 - [Odor Eliminator]
 - [Hospital Disinfectant]
 - [Bactericide]
 - [Virucide*]
 - [Fungicide]
 - Cleans[Hunting][Fishing][Camping]Gear Equipment
-]]]

{Extended Cleaning and General Claims}

[[[

- Cleaner Technology
- A shining [pure] clean you can see/trust
- [Available in] Economical refill
- Bathrooms, sinks and faucets and floor areas
- Brightens
- Cleans
- Cleans bathroom soils
- Cleans blood stains
- Cleans everyday messes
- Cleans fingerprints
- Cleans food stains
- Cleans to a shine
- Cleans up grease and grime
- Cleans away allergens and odor
- Clear drying
- Compatible with equipment surfaces
- [Compatible with -or- Suitable] [for use on] equipment surfaces
- Compatible with -or- Suitable –or compatible with equipment surfaces for use on hospital surfaces
- Complies with VOC laws
- Cuts -and/or- removes grease -and/or grime -and/or- sweat
- Cuts cleaning time
- Designed -or- Ideal for daily [cleaning] [use]
- Easy [cleaning]
- Effective [cleaner -or- cleaning] [formula]
- Fecal matter
- For a cleaner, fresher household
- For direct application
- For easy cleaning
- For terminal cleaning
- Good for use with microfiber cloths
- Great for Kitchen[s] -and/or- bathroom[s] [too]
- Ideal for use in gyms -and/or- health clubs -and/or- wellness centers

- Cleans beyond the surface
- Ideal for use in schools -and/or- daycare-and/or- universities -and/or- colleges -and/or- offices
- Ideal for use on high touch surfaces
- Ideal for use indoors
- Labor saving no-rinse formula
- Makes cleaning easier
- Multi surface cleaner
- No added [perfumes] [and] [or] [dyes] [and] [or] fragrance
- No fragrance added
- Fresh Scent
- Clean Scent
- No chemical fumes -or smell –or odor -and/or- build-up -and/or- residue
- No phosphates
- No rinsing
- No sticky or dulling residue on hard floors
- No sticky residue on carpets
- Non-abrasive
- Non-corrosive
- Pleasant smell
- Proof is in the clean
- Removes dried on [blood] stains
- Smell of clean
- Will not harm most hard, non-porous surfaces
- Will not harm sealed natural stone [Granite, Marble, Travertine]
- Fast & effective cleaning [for pet accidents]
- For a cleaner, fresher household
- Effectively [removes] [eliminates] tough [dirt] [stains] [spots] [and] [grime]
- Spot treatment for [pet stains and odors] [insert usage site]
- Cleans tough [pet spots] [spots] [and] [pet stains] [stains] [removes] [eliminates] [tough] [dirt] [and] [stains] [pet stains]
- Removes dirt, dust, and common allergens
- [Cockroach, Dust mite and Pet dander] from [insert usage site]
- Cleans everyday [pet] messes
- Fast and effective cleaning
- For a deep clean
- Get a true clean [with] [this product]
- Okay [suitable] to use daily
- [Okay] [suitable] for daily use
- [Okay] [suitable] for weekly use
- [Okay] [suitable] for monthly use
- [Okay] [suitable] for regular use
- [Okay] for everyday use
- Great [cleaning] on your carpet
- Guaranteed to remove odors & most stains.
- Satisfaction guaranteed or your money back
- No Fragrance added formula does not require rinsing
- Cleaning [dirt] [and] [fish slime] without [ever] [damaging] [or] fading] your surfaces

- Cleans or removes stains from mold, mildew or other non-public health organisms.
]]

{Hard Non-Porous [Surfaces] Claims}

[[[

- [[To Clean [and] [&] [Remove Stains]: {Insert cleaning/stain removal use directions}.]]
- [[[For use on] [Use only on] {Insert hard non -porous surfaces list}.]]
- [[To Disinfect [Hard] [Non-Porous] Surfaces]: {Insert disinfection use directions}.]]
- [Effective against {Insert bacteria and/or viruses list}.]

]]]

[[Cleaning Directions for Use:

[Pre-Cleaning Instructions: Remove gross filth and heavy soil by cleaning. Thoroughly wet surfaces by spray, sponge, mop, or immersion, with 1st Place Science® on to soiled surfaces then thoroughly clean and wipe away gross filth with sponge or cloth.

]

[To Spot Clean Carpet: Spray on soiled area until wet. Gently blot area with a clean, damp, color safe cloth. Repeat as needed [for stubborn stains]. Let air dry.

]

[To Use as a Pre-Spray (Pre-Cleaner) on Carpet: Spray a light even coating over the soiled area until wet.

]

]]

{Deodorization Claims}

[[[

- Heavy Duty Odor Eliminator
- Fragrance free
- Contains no heavy metal, optical brighteners or dyes Deodorizes [-and/or- disinfects -or- helps deodorize] Deodorizer [for institutional use] Deodorizes food odors [like garlic and onion] [left behind on kitchen surfaces] [after cooking]
- Eliminates odors caused by bacteria [and non-fresh foods]
- Eliminates -or- reduces [kitchen] odors [in the trash can –or recycling bin odors -or- smells] [caused by bacteria]
- Eliminates pet odors caused by bacteria
- Eliminates Smoke Odors [caused by fire or tobacco or other sources]
- Eliminates odor associated with[water damage][,][floods][,][pipe [leaks][/][failures]]] or][stale water]
- Eliminates tough odors
- Kills odor-causing bacteria in the kitchen -or- bathroom
- Kills odor-causing bacteria
- Kills -or- eliminates bacteria that cause [bad] odors
- Removes odors from mold, mildew or other non-public health organisms.
- [Removing the smell of fish, seafood and spoiled meat from clothing, gear, ice chests and refrigerators/freezers, as well as from live wells of boat compartments. Treat your gear to remove smoke, body odor or anything the can be detected by game or predators.]
- [Ideal for: Ice chest/freezers, trash cans, boats/live well, hunting & fishing gear, sleeping bags, tents, fish/game cleaning stations, trucks, dog kennels]

]]]

{Deodorizations by Air Claims}

[[[

- Air odor [eliminator] [deodorizer] [fighter]
- Controls odors in the air
- Controls [the toughest] [tough] [kitchen] [and] [bathroom] [pet] odors [in the air]
- Deodorizes [the air] with a [new] [fresh] [pleasant] [clean] fragrance
- Eliminates [pet] [food] [bad] odors [in the air]
- Fights odors in the air
- Gets rid of odors in the air
- It's ok to spray [to deodorize] [eliminate odors] [make your home smell fresh and clean]
- Leaves your home smelling clean and fresh
- Leaves your home [air] smelling clean [and fresh] Leaves a fresh clean scent Long lasting freshness
- [Now] Freshens [deodorizes] [the air]
- [Now] Freshens [deodorizes] [the air] and kills [odor] bacteria on surfaces Odor [fighter] [eliminator] [elimination] [for the air]
- Odor eliminator
- Removes -or- eliminates odors
- Strong cat odors
- Strong pet odors
- [This effective product] eliminates odors at their source. [Does not just mask odors.]
- Deodorizes areas that are hard to keep fresh smelling
- Use to control odors in animal kennels
- Use to control odors barn stalls.
- Eliminates urine and other strong pet odors{cat} {dog}
- Eliminates pet odors
- Pet waste odors
- Cat Urine
- Fecal Odors
- Eliminates strong ammonia odors
- Eliminates strong sulfur odors & formaldehyde odors
- Heavy duty odor eliminator removes strong, deep set pet odors
- Perfect for eliminating your toughest odors [in the air]
- Smoke Odors [caused by fire, tobacco, and other sources]
- Odor in HVAC Systems [See Deodorization of HVAC Systems for directions for use]

]]]

[[Deodorization Directions for Use:

[To Deodorize: Apply 1st Place Science® at full strength to eliminate odors 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). 1st Place Science® eliminates odor associated with smoke from tobacco or fires, musty odors, body odors, stale-cooking odors, and odors from urine. Spray 1st Place Science® at full strength, using with spray bottle or electric / pump atomization sprayer, thoroughly wetting surfaces and let air dry for residual deodorizing action. 1st Place Science® must contact the source or cause of the odor to be effective. For Urine on carpets, thoroughly wet the carpet with 1st Place Science®, or saturate to the pad[ding] for complete deodorization.

]

[For hard to reach areas, apply with electrostatic, compression sprayer.

]

[Product works by oxidation, not by masking of odors. Eliminates odors caused by fire smoke, tobacco smoke, musty odors, stale-cooking odors and malodors. Simply spray or wipe on full strength and let air dry to provide long lasting residual deodorizing action. When applying to deodorize apply approximately 1 quart per 2000 cubic ft. (consumption depends on the degree of the problem (odor)). For pet urine stains in carpet, blot urine as dry as possible then saturate stain with Product through carpet pad.

]

[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 as necessary.

]

[Deodorize or Freshen Carpet: Spray until slightly damp to eliminate (pet) odors and malodors.

]

[For Removal of odor in carpets of trucks/boats spray 1st Place Science liberally on entire cleaned area, ensuring that thorough wetness is achieved, then let dry. Always Check for color fastness prior.

]

{Non-Pesticidal Allergen Claims}

[[[

- Breaks Down non -living Allergens[!] [including {insert one or more item names}] [in {insert one or more locations}][on {insert one or more items names}]
- Controls [the most] [common] non -living allergens [including {insert one or more items names}] [in {insert one or more locations}] [on {insert one or more items names}]
- Destroys [Eliminates] non -living Allergens[!] [including {insert one or more item names}] [in{insert one or more locations}][on {insert one or more item names}]
- Destroys -or - deactivates dust mite matter -or - particles, cockroach matter -or - particles, and pet dander allergens [found in dust] [in {insert one or more locations}] [on {insert one or more item names}]
- Penetrates [and breaks down] dust mite matter -or - particles, cockroach matter -or - particles, and pet dander allergens [found in dust] [in {insert one or more locations}] [on {insert one or more item names}]
- Reduces dust mite matter -or- particles, cockroach matter -or- particles, and pet dander allergens [found in dust]
- Reduces non -living Allergens[!] [in {insert one or more locations}] [on {insert one or more item names}]
- Reduces up to XX% of [inanimate] [non -living] allergens [that become airborne from {insert one or more item names}],][such as {insert one or more item name}]
- [This product] Destroys non -living allergens [while cleaning hard, non-porous surfaces.]

]]]

{Non-Pesticidal Allergen Removal Claims}

[[[

- Allergens:
 - Cockroach matter -or- particles
 - Dust mite matter -or- particles
 - Pet dander -or- dog and cat dander
- Claims:
 - Reduces dust mite matter -or- particles, cockroach matter –or particles, and pet dander allergens
 - Reduces Allergens[!]
 - Removes Allergens
 - Removes allergen from your home

- Cockroach matter -or- particles
- Dust mite matter -or- particles
- Pet dander -or- dog and cat dander
- Reduces allergy-causing particles, such as pet dander, and dust-mite matter

]]]

[[Directions to Remove Allergens*{Allergen Removal claims are only possible if directions for allergen removal use are provided.}*

[[

[To [clean and] reduce specified allergens: [Set trigger to SPRAY.] Spray[, wait 1 minute], and wipe excess. [Rinse.] Allow to air dry. [If streaking is observed, wipe with a clean, damp [cloth or] paper towel.]

]]

{Disaster Recovery Claim}

[1st Place Science® can be used in all disaster recovery, such as fire and smoke damage or flood and water damage.]

[[Disaster Recovery Direction of Use: [After cleaning surfaces of all organic matter (dust, mud, debris, etc.) spray 1st Place Science® on all surfaces for removal of smoke from fire damage. Floodwaters can bring concerns of bacteria. Use 1st Place Science® after floodwaters recede and after clean and drying is complete.

]

[Follow directions for use for disinfection applications]

{HVAC claims (non-pathogenic organisms only)}

[[

This Product is designed to be used as one component of a comprehensive HVAC and duct maintenance program. The purpose of such a program is to assure that the HVAC system and ducts function in the manner they were designed to, remain free from microbial growth and other contamination, and continue in that condition. This Product should 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. It may also be used to inhibit growth on surfaces that normally become wet during operation of the system. These normally include (but are not limited to) evaporator coils, uninsulated piping, condensate drain pans, drain lines, silicon caulks, mist eliminators and cabinet housing components subject to wetting by mist or carryover of water.]]

[[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 initiating 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, 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 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.

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 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. Badly rusted or corroded drain pans must either be repaired 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 professional or contact Customer Service at 619-825-2121 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 treat conform to industry practice. If you are not knowledgeable of industry guidelines and standards, consult a qualified professional or contact Customer Service at 619-825-2121 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 or fail to perform as designed. Deformed air ducts will restrict airflow and may leak (especially at joint areas). Damaged equipment must be repaired or replaced or if there 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 handler, mixing, and VAV box 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 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 619-825-2121 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, spoilage, 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:

- 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, 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 619-825-2121 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 as plenums, 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 619-825-2121. 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 619-825-2121 regarding a specific device should you have questions.

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 619-825-2121 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 replaced 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 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 top 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 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 619-825-2121.

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 nonelectrical 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,

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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 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 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 619-825-2121 and

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, 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 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 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.

]
]]

{Sanitization Claims}

[[[

- Leaves pre-cleaned food contact surfaces sanitized

]]]

{Sanitization of Food Contact Surface Claims}

[[[

- Sanitization of hard, non-porous food contact surfaces
- Food contact surface sanitizer [See Sanitization directions for use]
- Food contact surface sanitizer [No rinse required]
- Sanitizes hard, non-porous food contact surfaces in 60 seconds

]]]

[[Sanitization Directions for Use on Hard Non-Porous Food Contact Surface Claims]

[Food contact surface sanitizer [See Sanitization for directions for use

]

[Food contact surface sanitizer [No rinse required]

]

]]

{Bacterial Sanitization of Hard Non-Porous Food Contact Surfaces Claims}

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[[[

- [Kills] [Destroys] [Eliminates] bacteria on hard, non-porous surfaces in 60 seconds
- Kills Harmful Bacteria
- Kills Bacteria on hard non-porous surfaces
- Sanitizes by killing the bacteria [on hard, non-porous surfaces]
- Sanitizes by killing *Staphylococcus aureus* on hard, non-porous surfaces in 60 seconds
- 60 seconds is all it takes to kill bacteria
- 1st Place Science® Kills Bacteria in 60 seconds
- 60 Seconds is all takes to kill bacteria
- Kills Bacteria in 60 seconds
- Effective against bacteria
- *Staphylococcus aureus* (ATCC 6538)
- *Salmonella enterica serovarTyphi* (ATCC #6539)

]]]

[[

Sanitization Directions For Use:**[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: 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 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 (or longer if specified by government sanitary code). Let surfaces drain and air dry. Do not rinse or wipe.

]]

{Disinfection Claims and Use Directions}**{Disinfectant Claims for hard, non-porous surfaces}**

[[[

- Antibacterial [spray] [action] [formula]
- An effective disinfectant for use for *hard, non-porous surfaces* in the kitchen, bathroom, bedroom, and other areas
- Antibacterial [Formula] [disinfects]
- Antibacterial -or- germicidal on hard, non-porous surfaces [for kitchens and bathrooms]
- Antibacterial -or- germicidal [formula]
- Bactericidal
- [Bathroom][,] [and] [restroom][,] [and] [kitchen] disinfectant for hard, non-porous surfaces
- Just one step kills [99.9% of] bacteria

- Kills and cleans
- Kills -and/or- eliminates] [99.9%] of bacteria and/or- viruses* (insert bacteria and/or viruses list) from toys

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- Kills bacteria, and viruses* (insert bacteria and/or viruses list)
- Kills -and/or- [eliminates] [disinfects] [destroys] [attacks] [gets rid of] [99.9% of] bacteria -and/or- viruses* (insert bacteria and/or viruses list)
- Broad spectrum -or- hospital disinfectant
- Disinfectant
- Disinfectant [for institutional use]
- Disinfects & [and] Deodorizes
- Disinfects by killing microorganisms on hard, non-porous surface such as stainless steel, chrome, plastic, glazed ceramic, and mirrors.
- Disinfects in one step
- Disinfecting spray
- Disinfect[s]
- Disinfects [to kill the germs]
- Disinfects [washable] kitchen surfaces including killing [99.9% of] germs -or- Disinfects [washable] kitchen surfaces including killing [99.9% of] bacteria -and/or- viruses* -and/or- fungi (insert bacteria and/or viruses and/or fungus list)
- Disinfects [washable] kitchen surfaces including killing [99.9% of] bacteria,] [and] viruses*[,] [and] fungi (insert bacteria and/or viruses and/or fungus list)
- Ready-to-use spray
- For [hospital] [commercial] [industrial] [&] [institutional] use
- For Healthcare Facility use
- For Hospital use
- Germicidal
- Hard non-porous surface disinfectant
- Hospital disinfectant
- Kills [99.9% of] germs
- Kills [99.9% of] bacteria and viruses* (on hard surfaces) (insert bacteria and/or viruses list)
- Kills [99.9% of] [kitchen] [and] [bathroom] bacteria (insert bacteria list)
- Kills [99.9% of] (insert organism from list) -or- Kills the following organisms (insert organism from list)
- Kills bacteria -or- germs -or- viruses* on washable kitchen -and/or bathroom surfaces and fixtures on [use sites] (insert bacteria and/or viruses list)
- Kills Harmful Bacteria (insert bacteria list)
- One step cleaning and disinfecting when use directions for disinfection are followed
- Disinfectant cleaner
- Oxidizing agent to provide disinfection
- Ready to use disinfectant cleaner
- Touch up cleaning/disinfection
- Tough on germs, easy on surfaces
- Tough on germs, easy to use around patient[s] [areas]
- Tough on germs, easy enough for everyday use
- Two in one, no sacrifice on cleaning and disinfecting
- Two in one, cleaning and disinfecting

- Use in places you are concerned about bacteria - and/or- viruses*-and/or- germs (insert bacteria and/or viruses list)
- Use -or- cleans and disinfects on healthcare surfaces
- Versatile cleaner disinfectant
- [Virucide* -or-Virucidal* {insert virus list}]

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- Disinfection Virus 5 minute contact time [Hepatitis B Virus Duck Hepatitis (surrogate for Human Hepatitis B Virus)] [Human Immunodeficiency Virus (HIV Type 1)]
- Disinfection Virus 10 minute contact time [Swine Influenza Virus Type A (H1N1) ATCC VR-333] [Canine Parvovirus ATCC VR-953]
- **AREAS OF USE INCLUDE:** homes, vehicles, schools & daycare, gyms & locker rooms, sports gear, hospitals, nursing homes, laundry rooms, veterinary, correctional facilities, pharmacies, ambulances, barber shops, laboratories, restaurants, boats, ships, federally inspected meat & poultry processing plants, farms, animal pens and poultry houses, egg processing premises, hatcheries, swine premise sanitation, refrigerated storage units (empty & disconnected), airplanes, trains, trucks, buses & automobiles.
- 1st Place Science® provides hospital disinfection, multi-surface cleaning, and odor elimination.
- 1st Place Science® disinfects as it cleans, eliminates odors and is fragrance free.
[Areas for use include: Hospitals, Long-Term care facilities, out-patient clinics, surgery centers, rehab facilities, correctional facilities, laboratories, ambulances, homes, schools, daycare's, gyms, locker rooms, salons, restaurants, boats, ships, airplanes, trains, buses, automobiles, industrial / food processing plants, meat packing facilities, poultry hatcheries, dairies, veterinary facilities, pet grooming and boarding, and animal pens.]

{Fungus Claims}

[[

- Fungistat
- [Kills] Trichophyton mentagrophytes ATCC 9533
- Fungicide: 10 Minute contact time [[Trichophyton mentagrophytes ATCC 9533]
- !

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]]]

{Disinfectant Hard Non-Porous Surfaces Directions for Use}

]]]

Pre-Cleaning Instructions: Remove gross filth and heavy soil by cleaning. Thoroughly wet surfaces, by spray, sponge, mop, or immersion, with 1ST PLACE SCIENCE® on to soiled surfaces then thoroughly clean and wipe away gross filth with sponge or cloth.

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, polyurethane coated hardwood floors, glazed ceramic tile, sealed concrete and linoleum floors.

Disinfect Items such as: Appliances, bed frames, wheelchairs, chairs, counters, tables, doorknobs, cabinet handles, handrails, light switch covers, tubs, showers, toilets, faucets, sinks, waste containers, etc.

Spray 1st Place Science® at full strength, at a distance of 6-8 inches from surfaces while, wetting surfaces thoroughly. Allow surfaces to remain visibly wet for 5 minutes for disinfection of Gram-negative bacteria and Gram-positive bacteria, *Salmonella enterica* ATCC 10708, *Staphylococcus aureus* ATCC 6538, *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.

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1st Place Science® 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 following instruction 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 body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

Disposal of infectious materials: Blood and other body 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*.

To Disinfect Poultry Houses and Animal Pens: Remove all animals (as necessary). Remove feed from premises. Remove all litter and manure from floors, walls, and surfaces of barns, stalls, chutes, and other facility fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces and rinse with water. Saturate all surfaces with 1st Place Science® for 10 minutes for disinfection. Immerse halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used in removing litter and manure. Allow to air dry. Ventilate closed spaces and drain pooled product and / or rinse standing product with potable water.

To Disinfect Because of Blood and Other Body Fluids.

The following statement only to be used on institutional labels with medical use sites, medical devices and/or blood borne pathogens:

This product may be used to pre-clean or decontaminate critical or semi-critical medical devices prior to sterilization of high level disinfection. This product is not to be used as a terminal sterilant/high level disinfectant on any surface of 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.

SPECIAL INSTRUCTIONS FOR CLEANING AND DECONTAMINATIONS AGAINST HIV-1, and HBV ON SURFACES/OBJECTS SOILED WITH BLOOD/BODY FLUIDS KILLS HIV-1 and HBV ON PRE-CLEANED ENVIRONMENTAL SURFACES/OBJECTS PREVIOUSLY SOILED WITH BLOOD/BODY FLUIDS in health care settings or other settings in which there is expected likelihood of soiling of inanimate surfaces/objects with blood or body

fluids and surfaces/ objects likely to be soiled with blood or body fluids can be associated with the potential for transmission of Human Immunodeficiency Virus Type 1 (HIV-1) (associated with AIDS) and Human Hepatitis B virus.

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When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, or eye coverings.

CLEANING PROCEDURES: Blood and other body fluids must be thoroughly cleaned from surfaces and objects before application of this product.

DISPOSAL OF INFECTIOUS MATERIALS: Blood and other body 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) (associated with AIDS) and Human Hepatitis B virus.

TO PRE-CLEAN INSTRUMENTS PRIOR TO TERMINAL STERILIZATION/HIGH LEVEL DISINFECTION: AS A PRECLEANING SPRAY - Place instruments into a suitable container. Spray this product onto instruments to thoroughly wet all surfaces. Let stand [for] up to 10 minutes]. Rinse instruments. A manual instrument cleaner - Thoroughly pre-rinse dirty instruments under running water to remove visible, gross debris. Immerse pre-rinsed instruments into an appropriate size container filled with this product. Scrub instruments using a stiff bristle brush until visibly clean. Submerge instruments while scrubbing. Rinse instruments thoroughly. Change solution daily. Follow with an appropriate disinfection process. Cleaning of critical and semi-critical devices must be followed by an appropriate terminal sterilization/high-level disinfection process.
Hospitals/Healthcare facilities:

When use directions for disinfection are followed this product [-or- product name] cleans, disinfects and deodorizes hard, non-porous [hospital] [medical] surfaces in one step [with no rinsing required].

When use directions for disinfection are followed this product [-or- product name] is a one-step [hospital- use] germicidal [disinfectant] cleaner and deodorant [odor counteractant] [odor neutralizer] designed for general cleaning, [and] disinfecting [deodorizing] [of] hard, non-porous inanimate surfaces. Removes dirt, grime, fungus, food residue, blood and other organic matter commonly found in hospitals [in health care facilities [on medical surfaces]. It [also] eliminates odors leaving [restroom] surfaces smelling clean and fresh. Use where odors are a problem.

For Disinfection: Spray 1st Place Science 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 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.)

To Disinfect Farm Premises, Poultry Houses, Animal Pens & Vehicles: Remove all animals (as necessary). Remove feed from premises, vehicles, and enclosures. Remove all litter and manure from floors, walls and surfaces of barns, pens, stalls, chutes, and other facilities and fixtures occupied or traversed by animals. Empty all troughs, racks, and other feeding and water appliances. Thoroughly clean all surfaces with soap or detergent and rinse with

water. Saturate all surfaces with product for a period of 10 minutes. Immerse all halters, ropes, and other types of equipment used in handling and restraining animals, as well as forks, shovels, and scrapers used for removing litter and manure. Allow to air dry. Ventilate buildings, cars, boats, and other closed spaces. Drain any pooled product and/or rinse standing product with potable water. Do not house livestock or employ equipment until treatment has been absorbed, or dried.

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] [contact time listed [below] [or] [on label]] [10 minutes]].

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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. Disinfection of animal quarters and kennels: For disinfection of pre-cleaned animal quarters and kennels, apply this product [-or- product name]. Remove all animals (as necessary) Remove feed from premises. Remove all litter and droppings from floors, walls and surfaces of facilities occupied or traversed by animals. Empty all troughs, racks, and other feeding and watering appliances. Thoroughly clean all surfaces with soap or detergent and rinse with water. Saturate the surfaces with the disinfecting solution for contact time of 10 minutes. Ventilate building and other closed spaces. Do not house animals or employ equipment until treatment has been absorbed, set or dried.

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 (as necessary). Remove 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. Saturate surfaces with this product and let stand [for] 10 minutes. [To kill fungi, let stand [for] 10 minutes] [at room temperature].] Ventilate buildings and other closed spaces.

To Disinfect Hard Non-Porous Surfaces: For disinfecting pre-cleaned hard non-porous surfaces such as glass, plastic, painted wood, laminate, chrome, stainless steel, aluminum, polyurethane coated hardwood floors, glazed ceramic tile, sealed concrete & linoleum floors. Types of items include: Exterior of appliances, bed frames, cabinet handles, wheelchairs, child car seats, counters, cribs, doorknobs, tables, tubs, exterior toilet surfaces, faucet handles, handrails, jungle gyms, keyboards, light switch covers, patio furniture, showers, sinks, stovetops, telephones, toys, walls, waste containers. Spray product full strength to pre-cleaned hard non-porous surfaces, at a distance of 6-8 inches from surfaces while wetting thoroughly. Allow surfaces to remain visibly wet for 10 minutes for disinfection.

***Table of Viruses Controlled by 1st Place Science**

Virus Name	Contact Time for Control
Hepatitis B Virus Duck Hepatitis (surrogate for Human Hepatitis B Virus)	5 minutes
Human Immunodeficiency Virus (HIV Type 1)	5 minutes
Swine Influenza Virus Type A (H1N1) ATCC VR-333	10 minutes
Canine Parvovirus ATCC VR-953	10 minutes

[[Fungus Treatment Directions for Use:

To Eliminate Fungus: 1st Place Science® kills *Trichophyton mentagrophytes* ATCC 9533 fungus on hard non- porous surfaces! Treat surfaces contaminated with fungus thoroughly with 1st Place Science® 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.

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]]

]]]

{Medical Use Sites Claims}

[[[Hard, non-porous surfaces associated with the following:

- Ambulances -Or- [Emergency Medical] Transport Vehicles
- Ambulatory surgical centers (ASC)
- Anesthesia rooms -or- areas
- [Assisted living -Or- Full care] Nursing homes
- Carts
- CA T Laboratories
- Central service areas
- Central supply rooms -or- areas
- Critical care units -or- CCUS
- Dialysis clinics [facilities]
- Doctors' offices
- Donation centers [blood] [plasma] [semen] [milk] [apheresis]
- Emergency rooms -or- ERs
- Eye surgical centers
- Health care settings -or- facilities
- Home health care settings
- [medical] clinics
- Medical facilities
- Medical -or- physician's -or- doctor's offices
- Newborn -or- neonatal [nurseries] [intensive care] units [NICU]
- Nursing homes
- Nursing -or- nurses' stations
- Operating rooms
- Ophthalmic offices
- Orthopedics
- Out-Patient [Surgical Centers (OPSC)] [clinics] [facilities]
- Patient areas
- Patient restrooms
- Patient rooms
- [Pediatric] Examination rooms -or- areas pediatric intensive care units [PICU] pharmacies
- Physical therapy rooms -or- areas physicians' offices
- Hospital kitchens
- Hospices

- Hospitals
- Intensive care units -or- ICU[s] [areas] isolation areas
- Laundry rooms laboratories
- Long term care facilities
- Psychiatric facilities
- Radiology -or- x-ray rooms -or- areas recovery rooms
- Rehabilitation centers
- Respiratory therapy rooms -or- areas restrooms
- Surgery rooms -or- operating rooms -or- ors
- Waiting rooms -or- waiting areas

]]]

{Medical Use Surfaces Claims}

[[[Hard, non-porous surfaces associated with the following:

- Anesthesia machines
- Aphaeresis machines
- Autoclave exteriors
- Bathroom doorknob
- Bedpans
- Bedrails
- [Bedside] Commodes
- Bedside tables
- Blood pressure cuffs
- Blood pressure (BP) monitors]
- Cabinet handles
- Call boxes
- CAT -Or- Computerized Axial Tomography equipment
- Carts
- Cellular phones
- Charging stations
- Closet handles
- Coated mattresses
- Coated pillows
- [computer] mice
- Computer tables
- Cords
- Counters
- [Crash] [Emergency] [Carts] [Desktops] [Diagnostic equipment]
- Dialysis machines
- Docking stations
- [Exam -or- Examination] Tables
- Exterior surfaces of air vents -or- air vent exteriors
- External surfaces of [medical] equipment -or- [medical] equipment surfaces
- [External] [Surfaces of] ultrasound
- Transducers [-and/or- probes]
- Exterior of Pipes
- Footboards
- Glucometers

- Gurneys
- [Hard, non-porous] Edges of privacy curtains hard, non-porous hospital -or- medical surfaces
- Isolettes
- IV [stands] [pumps] [poles]
- Large surfaces
- Loupes

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- Mammography equipment
- [Mayo] [Instrument] stands
- Medication carts
- Mobile devices
- Mobile workstations
- Mouse pads
- MRI -or- Magnetic resonance imaging equipment
- Nurse-Call [devices] [buttons] [and cords]
- Operating Room Tables And Lights Operatory Light Switches
- Oxygen hoods
- Overbed tables
- Paddles
- Pagers
- [Patient] chairs
- Patient monitoring equipment]
- Patient support and delivery equipment [phlebotomy trays]
- Physical therapy (PT) [equipment] [portable bathrooms]
- Prescription container exteriors
- Pulse oximeters
- Pvc tubing
- Reception counters -or- desks -or- areas remote controls
- Scales
- Side rails
- Slit lamps
- Small surfaces
- Spine backboards
- Stethoscopes
- Stools
- Stretchers
- Surfaces in and around toilets in patient rooms
- Toilet handholds
- Toilet[s] rims -or- seats
- Traction devices
- Walls [around toilet] [in patient rooms]
- Hard, non-porous surfaces
- Headboards
- [Hard, non-porous] High touch surfaces [hospital -or- patient] bed[s] [springs] [railings] [frames] [linings]

- Infant incubators and care cribs
- Infant warmers
- [Inner] [inside of] drawers
- Wash basins
- Safety rails
- Hard Non-Porous Whirlpool Surfaces Wheelchairs
- Medical use [surfaces]

]]]

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{Dental Use Site Claims:}

[[[Hard, non-porous surfaces associated with the following:

- Dental Offices Dental Operatories
- Examination rooms
- Dental -or- Dentists' Offices
- Dental Surfaces
- Amalgamators -and/or- dental curing lights
- Endodontic equipment such as apex locators
- Pulp testers and motors
- Dental [countertops] [hard, non-porous surfaces] [dental reception counters] [desks] [areas]
- Operatory surfaces
- Light lens covers

]]]

{Veterinary Use Site Claims}

[[[Hard, non-porous surfaces associated with the following:

- Animal [pet] [housing] [kennels] [facilities] [pens] [cages]
- Animal holding areas
- Animal -and/or- Life science laboratories
- [Animal -or- Pet] Grooming facilities
- Animal transportation vehicles
- Breeding establishments
- Dairy farms
- Equine farms
- Farms
- Hatcheries
- Kennels
- Litter Boxes
- Livestock -and/or- Swine -and/or- Poultry facilities -and/or- pet [areas] [quarters]
- Pet Shops -or- Stores
- Pet waters and feeders
- Small animal facilities
- Tack Shops
- Veterinary Clinics -or- Facilities
- Veterinary [Offices] [Waiting rooms]
- Veterinary -or- Animal Hospitals

- Veterinary Examination Rooms
- Veterinary X-Ray Rooms
- Veterinary Operating Rooms
- Zoos

]]]

{Veterinary Use Surfaces Claims}

[[[Hard, non-porous surfaces associated with the following:

- Animal equipment

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- Automatic feeders
- Cages
- Surfaces of fountains
- Exterior surfaces of watering appliances feed racks
- Hard, non-porous veterinary surfaces pens
- Reception counters -or- desks -or- areas stalls
- Troughs
- Veterinary care surfaces

]]]

{Food Service Use Sites Claims}

[[[Hard, non-porous surfaces associated with the following:

- Banquet halls
- Bars
- Cafeterias
- Catering facilities
- Commercial -or- institutional kitchens
- Delis
- Fast food chains -or- restaurants
- Food preparation and processing areas school kitchens food [service -or- processing]
- Establishments
- Food serving areas
- Vending machines
- Water coolers
- Water fountains

]]]

{Food Service Surfaces Claims}

[[[Hard, non-porous surfaces associated with the following:

- Dish racks
- Drain boards
- Food cases
- Food trays
- Freezer exteriors
- Hoods
- [Kitchen] Appliance exteriors
- Microwave exteriors

- Plastic -or- metal outdoor furniture
- Refrigerator exteriors
- Salad bar sneeze guards

]]]

{Miscellaneous/General Use Sites}

[[[Hard, non-porous surfaces associated with the following:

- Airplanes [Airports]
- Ambulances

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- Athletic [recreational] facilities automobiles
- Barber shops
- Basements
- Bathroom[s]
- Bathroom -or- locker room facilities
- Beauty salons
- Bedroom[s]
- Blood banks
- Boat interiors
- Bowling alleys
- Bus interiors
- Butcher shops
- Cafeterias
- Camper interiors
- Car interiors
- Churches
- Colleges
- Convenience stores
- Correctional facilities curtains
- [Damp] Storage areas
- [Garbage] [Waste] storage areas
- Living room
- Locker Rooms
- Lodging Establishment
- Lounges
- Malls
- Manufacturing plants -or- facilities
- Markets
- Mass Merchandisers - and/or- Discount Retailers -and/or- General Merchandise Stores
- Mobile Homes
- Mortuaries
- Motels
- Motor home interiors mudrooms
- Nurseries
- Office[s] [buildings]
- Pet animal quarters

- Pet areas
- Crates
- Carries
- Pet bedding
- Pet car seats
- Pet feeders
- Subways
- Supermarkets
- Tattoo parlors
- Toolsheds
- Transportation - and/or- Terminals - and/or- Trains - and/or- Trolleys

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- Universities
- Upholstery
- Vacation homes
- Warehouse
- Clubs
- Day care centers den[s]
- Dining Room Dorms
- Dormitories
- Elevators
- Emergency vehicles
- Factories
- Fast food restaurants [food processing] [manufacturing] plants funeral homes
- Gas stations
- Grocery stores gymnasiums -or- gyms health club[s] [facilities] home[s]
- Home centers
- Hotels
- Industrial facilities institutional kitchens [institutional] laundromats institutions
- Kennels
- Kitchen[s] [surfaces] laboratories
- Laundromats
- Laundry room[s]
- Pet water dishes dog houses
- Dog runs
- Pet toys
- Litter boxes
- Bird cages
- Cage accessories feeder & -or- and waters small animal cages pharmacies
- Play areas -or- rooms
- [Police -and/or- fire] Vehicles produce areas
- Public facilities
- Public restrooms
- Recreational centers -or- facilities
- Rental cars
- Rest stops
- Restroom[s] -or- restroom areas retail businesses
- School buses
- Schools

- Shelters
- Ships
- Shopping centers / Shops
- Shower rooms
- Sports arenas -and/or- stadiums storage rooms -or- areas

]]]

{Miscellaneous/General Surfaces Claims}

[[[Hard, non-porous surfaces associated with the following:

- Cabinet knobs
- Appliance exteriors
- Armchairs (hard non-porous surfaces of)

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- [Baked] Enamel
- Bassinets (hard non-porous surfaces of)
- Bathroom mats
- [Bathroom] Fixtures [bathroom] [kitchen] faucet[s] [handles]
- [Bath] Tubs
- Bed frames
- Behind and under counters behind and under sinks
- Boat interiors (hard non-porous surfaces of)
- Booster chairs (hard non-porous surfaces of)
- Box springs
- Brush handles
- Burner trays
- Cabinets / Cabinet knobs
- Car seats (hard non-porous surfaces of)
- Exercise [machines] [equipment]
- Exhaust fans
- Exterior -or- external toilet surfaces
- Exterior -or- external urinal surfaces
- Faucets
- [Filing] [Medicine] Cabinets
- Free weights
- Freezer exteriors
- Furniture
- Garage surfaces
- Garbage-or-trash cans
- Glazed ceramic [restroom surfaces]
- Glazed [ceramic] tile[s]
- Glazed porcelain [tiling -or- tile]
- Grill surfaces
- [Grocery [store -or- supermarket] carts
- [Handles] [Child seats] (hard non-porous surfaces of)
- Gymnastic equipment (hard non-porous surfaces of)
- Stretchers (hard non-porous surfaces of)
- Synthetic marble
- Tables [table tops]
- [Tiled] Walls
- [Exterior of toilet [flush]]

- [telephone][cabinet] [dishwasher][door] handles
 - Lockers
 - Metal
 - Metal blinds
 - Metal work benches
 - Microwave exterior
 - Office machinery
 - Office -or- bedroom -or- bedside furniture
 - Patio furniture (hard non-porous surfaces of)
 - Pencil sharpeners
 - Pet areas -or- surfaces (hard non-porous surfaces of)
-
- Plastic laundry hampers -or- baskets (hard non-porous surfaces of)
 - Plastic patio furniture -or- lawn chairs (hard non-porous surfaces of)
 - Car interiors (hard non-porous surfaces of)
 - Carts
 - Chairs -or- Arm chair [Children's] furniture (hard non-porous surfaces of)
 - Closets
 - [Clothes] [Diaper] Hampers (hard non-porous surfaces of)
 - Coated ceilings
 - Cooler exteriors
 - Counters -or- countertops
 - Cupboards
 - Cribs
 - Crutches
 - Crystal (non-food contact areas)
 - Dashboard
 - Desk[s] [tops]
 - Diaper pails
 - [Dining] [fast food] [kitchen] [picnic] [play]
 - [Restaurant] [tray] [diaper -or- infant]
 - [Changing] [Tables] -or- [areas] -or- [stations] (hard non-porous surfaces of)
 - Dining room surfaces -and/or- tables -and/or- fast food restaurant tables door[s] [handle[s]] [frames]]
 - Doorknobs & Drawer pulls
 - Dressing carts
 - Elevator buttons
 - hampers (hard non-porous surfaces of)
 - [Hand] Railings -or- rails
 - Hard, non-porous floors [around toilets]
 - Hard plastic -or- vinyl headsets
 - Helmets
 - High chairs (non-food contact surfaces)
 - [Kids'] play [structures] [equipment] (hard non-porous surfaces of)
 - [Furniture] [tables]
 - [Kitchen] appliance exteriors kitchen appliance exterior[s] [surfaces]
 - Light fixtures -or- switches -or- panels
 - Rocking chairs (hard non-porous surfaces of)
 - RV interior(s) (hard non-porous surfaces of)
 - Sealed fiberglass

- Shelves [and drawers]
- Shin guards
- Shoes (hard non-porous surfaces of)
- Shopping carts
- Shoulder pads (hard non-porous surfaces of)
- Shower[s] [area] [doors] [stalls] [walls]
- Signs
- Sink[s] [basins]
- Seats (hard non-porous surfaces of)
- Sports equipment
- Stainless steel

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- Stall doors
- Staplers
- Steering wheel (hard non-porous surfaces of)
- Stools
- Plastic surfaces associated with: floors,
- Walls, mirrors, sinks, shower rooms and locker rooms playpens
- Portable toilet exteriors
- Range hoods
- Recycling bins
- Refrigerator exterior [door handles] tray tables
- Tubs
- Urinal exterior surfaces
- Vanity tops -or- vanities
- Vehicle interiors (hard non-porous surfaces of)
- Vending machine surfaces
- Walkers
- Walls
- Wash basins
- [Washable] kitchen[s] [surfaces] washers/dryers -or- washing machine exteriors]
- Wastebaskets
- Weight machines
- Whirlpool tubs -and/or- Jacuzzis window [blinds] [shades]
- Window treatments (hard surfaces)
- Windshields
- Tools
- Towel dispensers
- Toy boxes-or-storage bins
- Trailers
- Exterior of toilet [training] toilets trash cans -or- compactors

]]]

{BACK PANEL}

PRECAUTIONARY STATEMENTS

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 previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

1st Place Science® is not intended to be ingested. Keep product out of reach of children to avoid unintended consumption.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all directions and precautions on this product label.

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.

STORAGE AND DISPOSAL

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

{Residential Containers}**STORAGE [AND DISPOSAL]:**

Store in original container in areas inaccessible to children and pets. Keep securely closed. Nonrefillable 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.

[Storage: Store in original closed container in a cool, dry place away from heat and open flame.]

{Institutional Containers}***{Nonrefillable containers}*****STORAGE AND DISPOSAL:**

Do not contaminate water, food or feed by storage and 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 to label directions. Wastes 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 1/4 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.

(For 55 gallon containers:) Triple Rinse container (or equivalent) promptly after emptying. Triple rinses as follows: Fill container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate. Repeat procedure two more times. Then offer for recycling if available or puncture and dispose of in sanitary landfill, or by incineration.

WARRANTY

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.

NOTE TO REVIEWER: Any graphic may appear on either FRONT, LEFT, RIGHT, or BACK panel in bullet or paragraph format on label that includes the corresponding use directions.

{GRAPHICS}



{This graphic is valid only on labels that include disinfectant use directions.}



{This graphic is valid only on labels that include disinfectant use directions.}



{This graphic is valid only on labels that include disinfectant use directions.}

