

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

DIRECTIONS FOR USE

MicroShield 360 Antimicrobial can be used as final bacteriostatic finish for the following sample structures, facilities, surfaces and locations.

Locations: Airports, public facilities, shipping terminals, travel rest areas, waysides, cruise ship terminals, truck stops, RV's, boats, ships, barges, cruise ships, buses, public transportation, trains, taxis, airplanes, subway trains, ambulances and EMT facilities, correctional facilities, police and fire stations, military facilities and barracks, athletic facilities, locker rooms, gymnasiums, weight rooms, swimming facilities, day care centers, playgrounds, recreational facilities, nurseries, funeral homes, health fitness clubs, hotels, laundry, museums, entertainment facilities, casinos, public showers and restrooms, schools, colleges, dormitories, sports complexes, supermarkets, convenience stores, retail and wholesale establishments, restaurants, bars, kitchens, food trucks, walk-in coolers and freezers, food storage areas, office buildings, laboratories, hospitals, nursing homes, healthcare facilities.

Surfaces: Athletic gear, exercise equipment, athletic training tables, physical therapy tables, exercise equipment, artificial turf, athletic mats, wrestling, and gymnastic mats, automobile interiors, building materials and components for floors, walls, ceilings and fixtures, siding, insulation, wallboard, wood and wood components, plumbing fixtures, vinyl, stone, roofing materials, brick, cement, doors, windows, painted surfaces, aluminum, laminated surfaces, metal, plated steel, stainless steel, glazed porcelain, plastic such as polycarbonate, polyvinylchloride, polystyrene or polypropylene, vinyl and plastic upholstery, bathroom and kitchen surfaces, toilets, bathroom fixtures, books, carpets, carpet underlayment, ceiling tiles, cell phones, telephones, remote controls, ceramic tiles, composite flooring, computers including screens, key-boards, and protective cases, countertops, sinks, tub surfaces, furniture, cabinets, interior hard surfaces, hardware door knobs and handles, light switches, door handles, remote controls, computer trays, other hard, non-porous surfaces, outdoor furniture, picnic tables, playground equipment, restaurant and food establishment furniture, medical equipment, veterinary equipment, water drinking fountains.

FOR USE AS AN ANTIMICROBIAL UNDER EPA REGULATIONS READ DIRECTIONS PRIOR TO COMMERCIAL, INSTITUTIONAL, RESIDENTIAL, AND INDUSTRIAL USE.

DESCRIPTION OF APPROVED APPLICATION METHODS

This product can be applied to organic or inorganic substrates, by dipping, wiping, soaking, or spraying.

For Pump Spray Application: Spray entire area 4 to 6 inches from the surface making sure the surface is completely covered. Apply and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. When treating coarser substrates, more this product may be required due to absorption. A fan may be used to assist in drying.

For Wiping Application: To protect hard, non-porous surfaces, thoroughly wet the surface to be treated with this product. Allow surface to dry. Excess moisture should be removed with a clean, dry towel.

For Commercial Spray Application Fabric: For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaners, pressure sprayers without dilution and then let stand until dry or let stand 3 minutes and wipe dry with cloth or sponge. If spotting occurs, wipe with moist cloth or sponge. Test for staining and color-fastness of fabrics and carpets by treating and drying a small, concealed area prior to application. When treating coarser substrates, more of this product may be required due to absorption.

Spray application is preferred on large surfaces that are easily accessible. The spray equipment chosen should provide a consistent fine (1-300 micron) particle size and uniform spray pattern. Pump up garden type sprayers can be used but care must be taken to maintain maximum pressure by pumping frequently and adjusting the spray nozzle 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. Excess moisture should be removed with a clean, dry towel.

For Dipping/Soaking Application: Use the appropriate sized wash basin or tub for dipping/soaking the item you are treating. Use enough of this product solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Test for staining and color-fastness of fabrics by treating and drying a small concealed area prior to application. Do not reuse solution after dipping and soaking.

The substrate can be dried at room temperature to maximum of 160° C (320° F), for example in a clothes dryer. Remove excess liquid before attempting to dry in a clothes dryer. If necessary, reapply this product every three months (90 days) or when odor, staining and discoloration due to bacteria, mold or mildew return.

Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpeting.

***FOR USE AS AN ANTIMICROBIAL TO PRESERVE FINISHED FOOD CONTACT ARTICLES SUBJECT TO FDA REGULATIONS**

Incorporate this product as an antimicrobial additive at or below the indicated maximum concentration into the polymeric manufactured products listed below that are used for manufacturing, packing, packaging, transporting, handling and/or holding food if such use is not intended to have any anti-microbial effect in the food itself. Do not incorporate this product into any food or drinking water contact application listed on this label unless the substance is approved, with associated use conditions, for food contact in 21 CFR 174-186 (inclusive) as amended, or in the United States Food and Drug Administration's Food Contact Substance Notification System, as amended.

This Food Contact Substance (FCS) can be used as an additive without food type or temperature limitation in food preparation surfaces (where the FCS is either incorporated into the resin, a food contact laminated layer or applied to the surface as part of a coating). The FCS may be used at a maximum use level of 1 weight percent of the resin, laminate, or coating.

Use: Food contact coatings, films and laminates

Products: Appliances, countertops, food wrap (including coated deli paper, coated meat cement tile, glazing for vitreous china used in plumbing fixtures such as sinks and countertops), industrial equipment, natural and synthetic fibers and fabrics, packaging, paper products (such as wipes, tissues, wall coverings, towels), plastic film, sinks

Maximum Concentration:

1% weight percent of the resin, laminate, or coating.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal. Keep from freezing.

STORAGE: Store in original, tightly closed containers below 30°C (86°F) and above 0°C (32°F) in a secure area inaccessible to children and away from food or feed.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Non-Refillable Container equal to or less than 5 gal. Non-Refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

WARRANTY

MicroShield 360 warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in the labeling when used in accordance with directions under normal conditions of use; but this warranty of fitness for a particular purpose does not extend to the use of this product contrary to written instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. MicroShield 360 specifically disclaims any other express or implied warranty.

MicroShield 360

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Proprietary Formulation Manufactured by
Clearstream Technologies LLC for MicroShield 360
MADE IN THE U.S.A.

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PRODUCT FEATURES AND BENEFITS

- MicroShield 360 Antimicrobial imparts durable biostatic activity to the surface of a wide variety of substrates.
- MicroShield 360 Antimicrobial is a bacteriostatic, fungistatic (mold & mildew), and algistatic agent on treated surfaces.
- MicroShield 360 Antimicrobial provides or creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.

Use MicroShield 360 Antimicrobial in/on locations and surfaces as listed in the directions for use.

Antimicrobial Preservative to preserve finished food contact articles (Food Preparation Surfaces) subject to FDA regulations.

EPA Reg. No. 92057-3-92024

EPA Est. No. 92057-NC-1

MicroShield™

ANTIMICROBIAL

A Silane Quaternary Ammonium Salt

Proprietary Formulation

ACTIVE INGREDIENT: 3 (Trihydroxysilyl) Propyldimethyl Octadecyl Ammonium Chloride .. 1.0%
OTHER INGREDIENTS: 99.0%
TOTAL: 100.0%

NET CONTENTS: 1 gallon (128 fl. oz.)

FOR COMMERCIAL, INSTITUTIONAL, RESIDENTIAL, & INDUSTRIAL USE

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Causes moderate eye irritation; Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish in its liquid form. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to 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.

De-activation may be required during clean up if a spill occurs. De-activation of this product can be achieved by the addition of an anionic surfactant (such as soaps, sulfonates, sulfates) in quantities equivalent to the percentage of active ingredient (s) in this product.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID: In case of emergency, call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378.

You may also contact 1-800-222-1222, the poison control center, for emergency medical treatment information.