

## DIRECTIONS FOR USE

Approved commercial appliances used in homes, offices, automobiles, ship sails, buses, trains, ships, boats and airplanes and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities.

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

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Dry treated areas and articles such as clothing before use. Remove children and pets from treated area until completely dry. The active ingredient in BIOPROTECT RTU is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. BIOPROTECT RTU can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algastatic activity.

### APPROVED COMMERCIAL AND INDUSTRIAL APPLICATIONS:

Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems, air filters/materials, aquarium filter material, bed sheets, blankets, and bedspreads, buffer pads (abrasive and polishing), carpets and draperies, fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, or wool, fiberglass duct board, fire hose fabric humidifier belts, mattress pads and ticking, men's underwear and outerwear non-woven disposable diapers, non-woven polyester, outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats, overcoats, jerseys, ponchos), polyurethane and cellulose foam for household, industrial, and institutional, non-food contact sponges and mops, polyurethane and polyethylene foam, when covered, polyurethane foam for packaging and cushioning in non-food contact applications, polyurethane foam used as a growth medium for non-food crops and plants, pre-moistened towelettes and tissue wipes (these do not impart pesticidal properties), roofing materials – defined as shingles, roofing granules, wood shakes, felt, stone and synthetic overcoats, sand bags, tents, tarpaulins, wood, sails, and ropes, athletic and casual socks, shoe insoles, shower curtains, socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene, nylon, Lycra, wood/silk/nylon/Lycra and wool/acrylic/nylon/Lycra, throw rugs, toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers, toilet tank and seat covers, umbrellas, upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefins, polypropylene, rayon, spandex, vinyl, wool, vacuum cleaner bags and filters, vinyl paper-wallpaper for non-food contact surfaces, disposable wiping cloths that can be used for multiple purposes such as dusting or washing furniture, cars, walls, windows, floors, appliances, dishes, counter tops; the wiping cloths do not impart pesticide properties women's hosiery and women's intimate apparel.

**APPLICATION:** BIOPROTECT RTU is a READY TO USE product only. This product can be applied to organic or inorganic substrates by brushing, dipping, padding, soaking, spraying or by using foam finishing techniques.

BIOPROTECT RTU can be applied to organic or inorganic substrates by fogging. All surfaces must be cleaned prior to fogging. Fogging is a supplement to normal cleaning and practices. Fogging can be used in homes, offices, automobiles and institutions e.g., schools, hospitals, daycare centers, churches, correctional facilities, and food processing facilities.

1. Prior to fogging, remove and carefully protect all food products and packaging materials.
2. Fog areas using one gallon per 1000 cu. ft. of room area.
3. Allow surfaces to drain thoroughly and air dry before operations are resumed.



**For use as an antimicrobial preservative under EPA and FDA Regulations to preserve food contact articles. (Food Preparation Surfaces, Polymeric Tubing for Beverages, Activated Carbon Water Filters) subject to FDA Regulations.\*\***

ACTIVE INGREDIENT:  
3-(trihydroxysilyl) propyl dimethyloctadecyl ammonium chloride 0.50%  
OTHER INGREDIENTS: ..... 99.50%  
TOTAL INGREDIENTS: ..... 100.00%

## KEEP OUT OF REACH OF CHILDREN

EPA Reg. No. 87583-3

EPA Establishment No. 93354-PA-1

Manufactured by:  
PureShield Inc.,  
1445 Jupiter Park Drive, Suite 11,  
Jupiter, FL 33458

PureShield Inc, a ViaClean Technologies Company

## NET CONTENTS: 1 GALLON

FOR MORE INFORMATION CONCERNING THIS PRODUCT, PLEASE CONSULT THE SAFETY DATA SHEET (SDS). THE SDS CAN BE OBTAINED BY WRITING PURESHIELD, INC. AT 1445 JUPITER PARK DRIVE, SUITE 11, JUPITER, FL 33458

### IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION

PureShield Inc. warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated in this bulletin when 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 bulletin instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the seller, and buyer assumes the risk of any such use.

PURESHIELD INC. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

## FOOD PREPARATION SURFACES

This Food Contact Substance (FCS) can be used as an additive without food or beverage type or temperature limitation, in food or beverage preparation and processing surfaces (where FCS is applied to the surface as a coating).

**USE:** Food Contact surfaces, coatings, films, and laminates. For use as an antimicrobial preservative/additive in Polymeric Tubing for Beverages, Activated Carbon Water Filters.

Incorporate BIOPROTECT RTU as an antimicrobial additive to coat items listed below that are used for manufacturing, processing, packing, packaging, transporting, handling and/or holding food or water if such use is not intended to have any effect in the food or water itself. Do not incorporate BIOPROTECT RTU into any food or water contact application listed on this label unless the substance is approved, with associated use conditions, for food or water contact in 21 CFR 174-186 (inclusive) as amended or in the US FDA's Food Contact Substance Notification System, as amended.

**FOR COMMERCIAL SPRAY APPLICATION:** For commercial application equipment (i.e. carpet/upholstery steamers, rotary jet extraction cleaner, electrostatic sprayers, and pressure sprayers) 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. See table for application rates. When treating coarser substrates, more BIOPROTECT RTU may be required due to absorption. Dry carpet areas and surfaces before re-entry and dry articles before use. A fan may be used to assist in drying carpet. If necessary, reapply BIOPROTECT RTU every three months or when odor, staining and discoloration due to bacteria, mold stains, and mildew stains return.

**FOR DIPPING/SOAKING APPLICATION:** Use appropriately sized wash basin or tub for dipping/soaking the item you are treating. Use enough BIOPROTECT RTU solution to completely submerge item. Completely submerge item in solution for 3 minutes. Remove item and dry. Do not reuse solution after dipping/soaking.

## ENVIRONMENTAL HAZARDS

**COMMERCIAL AND INDUSTRIAL USES:** This pesticide is toxic to fish. 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.

## STORAGE AND DISPOSAL

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

**Pesticide 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:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Handling:** Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Dispose of rinsate as a pesticide waste. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.