



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Antimicrobials Division (7510P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

98159-1

Date of Issuance:

4/14/21

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Bio5700

Name and Address of Registrant (include ZIP Code):

BioSafe90, LLC  
 6115 Skyline Drive  
 Houston, TX 77057

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

John Hebert, Chief  
 Regulatory Management Branch 1  
 Antimicrobials Division (7510P)  
 Office of Pesticide Programs

Date:

4/14/21

2. You are required to comply with the data requirements described in the DCI identified below:
  - a. Trimethoxysilyl Quat GDCI-107403-1627

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 98159-1.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process, FIFRA section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Assurance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 10/23/2020

If you have any questions, you may contact Joseph Daniels at (703) 347- 8669 or via email at [Daniels.joseph@epa.gov](mailto:Daniels.joseph@epa.gov).

Enclosure

**ACCEPTED**

**04/14/2021**

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. **98159-1**

{Denotes Optional Text}

(Denotes Notes to EPA Reviewer)

Parentheticals ( ) are meant to appear on final label.

Brackets [ ] indicate that at least one option within the brackets must be used in the final label text. Text separated by “ / “ denotes alternate text. “This product” can be substituted with actual product name in the marketing and directions for use.)

{Front Panel start}

[EPA MASTER LABEL:]

# **BIO5700**

{Alternate Name Brand(s):}

BIO5700 coating provides antimicrobial activity against bacteria that cause odor, staining and discoloration

**Active Ingredients:**

3-(trihydroxysilyl)propyldimethyloctadecyl ammonium chloride .....0.84%

**Other Ingredients** ..... 99.50%

**Total** ..... 100.00%

**KEEP OUT OF REACH OF CHILDREN**

## **CAUTION**

**Manufactured by:**

**BioSafe90, LLC**

**6115 Skyline Drive**

**Houston, TX 77057**

**EPA Reg. No. 98159-1**

**EPA Est. XXXXX-XX-X**

**{{Batch} {Lot} No} {Manufacturing Date}:**

**{Made in the USA}**

**Net Contents: \_\_\_\_\_**

\*\*For use as a microbiostatic agent for material preservation, neither this product nor the articles treated with this product may state or imply any public health claims.

\* A microbiostatic agent is an agent that inhibits the growth of odor causing bacteria and fungi (mold and mildew), bacteria and fungi (mold and mildew) which cause staining and discoloration, and algae. This product does not protect users or others against food-borne or disease-causing bacteria or fungi.

{End Front Panel}

## 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.

De-activation may be required during clean up if a spill occurs. De-activation of BIO5700 can be achieved by the addition of anionic surfactant (such as soap, sulfonates, sulfates) in quantity equivalent to that of BIO5700.

Residential use: This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of pesticide.

**(If container is equal to or greater than 5 gal., the following statement must appear on the label.)**

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.

**[If container is less than 5 gal., use the following as an alternate to the above statement.]**

This pesticide is toxic to fish in its liquid form.

**{PRODUCT} {FEATURES} [AND] {BENEFITS}  
[Qualifying Statements]**

(Note to Reviewer: Marketing text is considered optional. Punctuation and the words “and” “or” can be added to phrases to make text grammatically correct.)

- This product imparts durable biostatic activity to the surface of a wide variety of substrates.
- This product is effective against [[odors and discoloration caused by bacteria,} [mold,} [mildew,}{yeast} [and} [algae}] as a static agent.
- Durable bacteriostatic, fungistatic, and algistatic surfaces can be attained with a minimum amount of this product.
- This product [provides freshness} [and} [combats} [deterioration} [and} [discoloration} caused by [[bacteria,} [fungi,} {yeast} {and} {algae.}]
- Provides Antimicrobial activity to inhibit the growth of odor causing {bacteria,} {bacteria that cause [{staining} {and} {discoloration,}] {fungi} {mold} {mildew}, {and} {algae.}

**{Commercial, Institutional, Residential, and Industrial uses}**

- This product can be used as a final bacteriostatic finish to impart {bacteriostatic,} {fungistatic} {and} {or} {algistatic activity} that provides {freshness,} {reduces surface deterioration,} {and/or} {helps} {prevent} {block} {neutralize} {reduce} {eliminate} {encapsulate} {remove} odors.
- This product can be applied to manufactured goods during the manufacturing process or at the finishing stage before delivery or installation of manufactured good for the purpose of providing freshness while

protecting the manufactured good's surfaces from staining or discoloration caused by [{bacteria,} {fungus,} {yeast,} {algae,} {or} {mold}].

- This product is a [{mold and mildew,} {odor protector} {and} {inhibitor}].
- This product provides antimicrobial activity effective against odor causing bacteria on treated surfaces.
- This product provides antimicrobial activity effective against bacteria which cause staining and discoloration on treated surfaces.
- This product provides antimicrobial activity effective against fungi (mold and mildew) on treated surfaces.
- This product provides antimicrobial activity effective against algae on treated surfaces.
- This product, provides antimicrobial activity, controls the mold, mildew, and bacterial sources of odors on nonfood contact surfaces in the home, in the bathroom, and in the kitchen.
- This product is a bacteriostatic, fungistatic (mold and mildew), and algistatic agent on treated surfaces.
- This product provides antimicrobial activity that inhibits foul odors caused by [{mold,} {yeast,} {algae,} {and} {mildew}] on treated surfaces that can grow even in the cleanest of environments.
- This product provides antimicrobial activity that inhibits the growth of odor causing bacteria on treated surfaces.
- This product is effective on hard, non-porous, nonfood contact washable {bathroom} {and} {kitchen}} surfaces and fixtures.
- This product is effective on hard, non-porous, nonfood contact washable surfaces made of {fiberglass,} {glazed porcelain,} {and} {brand named surfaces such as; Formica®, Corian, and Silestone™,} {as well as} {stainless steel,} {synthetic marble} {and} {synthetic quartz surfaces.}
- This product imparts bacteriostatic properties on treated surfaces to control odors, staining, or discoloration from the damaging microbial effects of [{fungi,} {mold,} {bacteria,} {mildew} {and} {yeast}].
- This product is {unscented} {and} {fragrance-free}.
- This product can be applied to [{carpet} {and} {upholstery}] to {impart freshness} {and} {inhibit the growth of odor causing bacteria}.
- This product can be applied to [{carpet} {and} {upholstery}] to impart freshness and inhibit the growth of fungi (mold and mildew).
- This product can be applied to [{carpet} {and} {upholstery}] to impart freshness and inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew).
- This product can be applied to [{carpet} {and} {upholstery}] to inhibit the growth of algae.
- This product provides an invisible bacteriostatic coating to inhibit the growth of odor causing bacteria.
- This product provides an invisible bacteriostatic coating to inhibit the growth of bacteria, which cause staining, and discoloration.
- This product provides an invisible bacteriostatic coating to inhibit the growth of fungi (mold and mildew).
- This product provides an invisible bacteriostatic coating to inhibit the growth of algae.
- This product provides an invisible bacteriostatic coating to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.
- This product prevents deterioration caused by bacteria and fungi (mold and mildew).
- This product inhibits deterioration caused by bacteria.
- This product resists development of odor causing bacteria.
- This product resists development of stains and discoloration due to bacteria. Resists development of stains due to fungi (mold and mildew).
- This product resists stains due to algae.
- This product resists development of microbial odors, stains and discoloration due to bacteria, fungi (mold and mildew), and algae.
- This product provides or creates an invisible barrier to inhibit the growth of odor causing bacteria.
- This product provides or creates an invisible barrier to inhibit the growth of bacteria which cause staining and discoloration.
- This product provides or creates an invisible barrier to inhibit the growth of fungi (mold and mildew).
- This product provides or creates an invisible barrier to inhibit the growth of algae.

- This product provides or creates an invisible barrier to inhibit the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew), and algae.

## **MARKETING CLAIMS**

(Note to Reviewer: Marketing text is considered optional. Punctuation and the words “and” “or” can be added to phrases to make text grammatically correct.)

The active ingredient in this product is effective against bacteria, fungi, mold, mildew, yeast, and algae that can cause odors, staining, and discoloration as a static agent. This product when properly applied will impart bacteriostatic, fungistatic (mold and mildew) and algistatic activity and this product can be used as a final bacteriostatic finish for the following sample structures, facilities, and locations:

### **{{COMMERCIAL,} {INSTITUTIONAL,} {RESIDENTIAL,} {&} {INDUSTRIAL}} LOCATIONS:**

- Airline terminals, airports, bus stations, train stations, transportation terminals, public facilities, shipping terminals, travel rest areas, waysides, cruise ship terminals, subway stations, refueling facilities, truck stops, customs houses and facilities,
- Automobiles, cars, trucks, campers, RV’s, trailers, automotive garages, auto repair centers, bicycle shops, All Terrain Vehicles (ATV’s), motorcycles
- Boats, ships, barges, cruise lines, cruise ships, watercraft, cargo ships, personal watercraft jet-ski (PWC), yachts, pleasure & commercial fishing vessels, commercial fish processing ships
- Boxcars, tankers, and tank trucks
- Buses, public transportation, trains, taxis, airplanes, helicopters, ferries, water taxis, shuttles, subway trains, hovercrafts
- Delivery trucks, garbage trucks, maintenance vehicles, tractor trailer freight trucks, livestock vans.
- Emergency vehicles, ambulances, police cars, fire trucks, critical care and (organ transport), mechanized law enforcement vehicles
- EMS & fire facilities, Police stations, crime scenes, courthouses, correctional facilities, municipal government buildings, prisons, jails, penitentiaries, correctional institutions, behavioral health facilities, fire houses, training facilities, barracks
- Military barracks, tent cities, military transport vehicles, troop carriers, mechanized infantry vehicles, armored vehicles, airplanes, helicopters, battleships, supply ships, hospital ships\*, submarines, tactical & interdiction watercraft, M.A.S.H. units\*. Command centers, administrative buildings, dining halls (nonfood contact surfaces), kitchens (non-food contact surfaces), hospitals\*, storage facilities, office buildings, gate or guard houses, terminals, hangers, dormitories, meeting facilities, gymnasiums, weight rooms, tactical training centers, swimming facilities, buses, trucks, reserve offices, armories, recruiting stations, and mobile command centers
- Recycling centers, refuse center, refuse vehicles
- {Professional,} {Amateur,} {or} {Youth} athletic facilities, locker rooms, exercise, exercise facilities, gymnasiums, field houses: indoor sports venues, training rooms, weight rooms, meeting rooms, and storage rooms
- Banks, churches, libraries, post offices, government buildings and facilities
- Campgrounds, playgrounds, recreational facilities, corporate retreats, resorts, picnic facilities (nonfood contact surfaces)
- Day care centers, [children] nurseries, kindergartens, and preschools
- Funeral homes, morgues, mortuaries, burial vaults, mausoleums, cadaver processing areas, crematoriums
- Health fitness clubs, spas, medical-spas, tanning salons, tanning spas, tanning beds, massage/facial salons, hair/nail/pedicure salons, barber/beauty shops, salons, foot spas, tattoo parlors. (Not for use on needles or other skin piercing instruments)
- Hotels, motels, bed & breakfast lodging, hostels, rental cabins, cottages, and lodges
- Laundry, laundry facilities, commercial laundries, institutional laundry, coin-operated laundries, laundry cleaning facilities

- Museums, art galleries, performance/theater centers, movie houses, bowling alleys
- Public Areas & Venues, amphitheaters, convention centers, entertainment facilities, nightclubs, marinas, casinos, water theme parks, amusement parks, concert venues, galleries, public showers & restrooms, houses of worship, aquariums, park facilities, YMCA's, and YWCA's
- Schools, colleges, dormitories, classrooms, community colleges, universities, preschool learning centers, K-12 public & private schools, colleges, universities, academic research and laboratory facilities, technical schools, student recreation facilities, staff lounges, administrative offices
- Sports arenas, sports complexes, stadiums
- Supermarkets, convenience stores, retail and wholesale establishments, department stores, shopping malls, gift shops, video stores, bookstores, dressing rooms, photocopy centers
- Nonfood contact surfaces in restaurants, bars, kitchens, taverns, cafeterias, institutional kitchens, fast food operations, catering, bakeries, commercial kitchens, school kitchens, dining halls, hospital dietary kitchens, food trucks, culinary school kitchens, commercial commissaries
- Veterinary clinics\*, animal life science laboratories, animal laboratories, animal research centers, animal quarantine areas\*, animal holding areas, companion veterinary centers\*, dog kennels, animal hospitals\*, animal breeding facilities, breeding establishments, animal husbandry operations and establishments, grooming establishments, grooming equipment, pet animal quarters, animal housing facilities, zoos, tack shops, tack equipment, pet shops, operating rooms\*, washing areas, waiting rooms, examination rooms and other animal care facilities\*, livestock, equine & poultry based veterinary facilities.
- Businesses, office buildings, convention centers, meeting facilities, workstations, break rooms, public restrooms, housekeeping, janitorial rooms, new commercial, institutional or industrial construction
- Cosmetic manufacturing facilities, medical device manufacturing facilities, biotechnology firms, pharmaceutical manufacturing facilities, nutraceutical manufacturing, cosmeceutical manufacturing, Clean room manufacturing, medical equipment\*, furnishings, and supply manufacturing facilities
- Mining operations, chemical manufacturing, durable goods manufacturing facilities, and textile manufacturing facilities
- Factories, computer manufacturing sites, toy factories, warehouses
- Self-Storage facilities (public)
- Institutional, commercial, industrial, institutions, commercial sites, industrial sites, institutional facilities, public places
- Laboratories, research & development laboratories
- Basements, cellars, bedrooms, attics, garages, living rooms, and porches
- Bathrooms, restrooms, shower rooms, shower and bath areas
- Homes, households, condos, apartments, mobile homes, vacation cottages, summer homes
- Kitchens, bathrooms and other household areas (nonfood contact areas)
- Bottle washing premises
- Dairy farming operations (barns & milk houses, nonfood contact areas), calf hutches, and storage facilities
- [Equine] [horse] farms, grooming equipment, and transportation vehicles
- Poultry [breeder/pullet/broiler] and turkey farms, poultry transport vehicles
- Exotic animal farming operations (bison, deer, antelope, elk and other game animals), zoological facilities, aviaries
- Farmhouse premises, including barns, sheds, tool sheds, storage facilities, {cattle} {swine}
- {sheep} {horse} barns, pens and stalls, swine quarters, livestock farms, horse stalls, brooder houses, calf hutches, calving, hog, cattle and horse operations, chick vans, egg trucks, hatchery and farm vehicles, agricultural & aquaculture farming operations, livestock housing facilities & operations, livestock pens, livestock and husbandry operations, animal transport vehicles
- Pet stores
- Federally inspected meat and poultry plants (nonfood contact areas only)
- Food establishments, coffee shops, donut shops, bagel stores, pizza parlors, liquor stores, wineries (nonfood contact areas only)

- Poultry premises {(Hatcheries)}:
  - Egg Receiving Area      Tray Dumping Area      Chick Processing Area
  - Egg Holding Area      Chick Holding Area      Chick Loading Area
  - Setter Room      Hatchery Room (Hatchers)      Poultry Buildings public spaces)
- Swine premises:
  - Farrowing Barns and Areas
  - Dressing Plants
  - Blocks
  - Waterers and Feeders      Loading Equipment      Creep Area
  - Hauling Equipment      Nursery Chutes
- Hospitals\*, nursing homes\*, medical and dental offices and clinics\*, healthcare facilities\*, physician offices\*, operating rooms/theaters\*, radiology rooms\*, isolation wards\*, quarantine areas\*, hospices\*, medical research facilities\*, washing areas\*, ICU areas\*, autopsy rooms\*, acute care institutions\*, alternate care institutions\*, home healthcare institutions\*, sick rooms\*, skilled nursing facilities\*, rehabilitation facilities, physical therapy facilities, emergency clinics\*, outpatient clinics\*, doctor's offices\*, dentist offices\*, oral maxillofacial surgical centers\*, prosthodontist offices\*, prosthetic manufacturing facilities, medical suites\*, operating rooms\*, surgical suites\*, independent and out-patient surgical centers\*, treatment rooms\*, diagnostic facilities\*, X-ray facilities\*, CAT Scan & MRI facilities\*, public areas\*, waiting rooms\*, lobbies\*, morgues, nursing stations\*, pharmacies, laboratories, laundries, equipment rooms, administrative staff offices\*, medical records areas\*, patient care rooms & facilities\*, recovery rooms\*, emergency rooms\*, exam rooms\*, newborn nurseries\*, neonatal units\*, orthopedics\*, respiratory therapy\*, blood collection rooms\*, central supply, housekeeping & janitorial rooms\*, ophthalmic/optometric facilities\*
- Life care retirement communities\*, elder care centers\*, elder care facilities\*

{Surfaces:}

**{The surface materials of the following manufactured durable goods can be treated with this product:}**

- Air filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems, HVAC systems (newly installed)
- Air filters/materials
- Animal/horse grooming equipment
- Apparel recreational gear, outerwear, sportswear, sleepwear, socks, hosiery, undergarments, gloves and uniforms
- Aquarium filter material
- Athletic gear, protective sports equipment, helmets, exercise equipment, athletic training tables, physical therapy tables, exercise equipment, wrestling/boxing headgear, and locker rooms
- Artificial turf
- Athletic shoes, casual shoes, sneakers
- Athletic apparel and uniforms
- Athletic mats, wrestling, and gymnastic mats
- Automotive and vehicular parts, automobile interiors, mats, crates, cabs, and wheels
- Awnings
- Baby cribs, diaper changing stations, infant bassinets/cribs/warmers/incubators/care equipment, folding tables, hampers, laundry pails, empty diaper pails
- Building materials and components for floors, walls, ceilings and fixtures: siding, insulation, cabinetry, wallboard, wood and wood components: interior structural wood as defined as only wood needed for basic building structure as found in the dried in stage of construction, wood dried in contact with foundations, interior and exterior wall sill plates, wood studs, wood or cellulosic sheathing, floor joists and sub-flooring, sealed foundations, steps, plumbing fixtures, finished baseboards and windowsills, metal structural components, vinyl, stone, roofing materials, brick, cement, concrete, masonry materials (mortar),



doors, windows, composite materials, painted surfaces, glass surfaces, aluminum, brass, copper, laminated surfaces, metal, plated steel, stainless steel, glazed porcelain, glazed {restroom} tile, glazed {restroom} ceramic, sealed granite, sealed marble, plastic {such as polycarbonate, polyvinylchloride, polystyrene or polypropylene}, sealed limestone, sealed slate, sealed stone, sealed terra cotta, sealed terrazzo, chrome, Plexiglas®, enameled surfaces, Formica®, vinyl and plastic upholstery, washable wallpaper, windows, mirrors

- Bedding, Blankets, Bedspreads, Bed sheets
- Bathroom surfaces, shower stalls, shower doors and curtains, bathtubs and glazed tiles, chrome plated intakes, toilets, toilet seats, toilet bowls, toilet bowl surfaces, urinals, portable and chemical toilets and latrine buckets, vanity tops, and restroom fixtures, bathroom fixtures, bathroom bowls, basins, tubs and hardware
- Books, book covers, artwork, and framed photographs
- Buffing pads (abrasive and polishing)
- Cargo & shipping containers, cargo and grain train cars, cargo and freight holds on airplanes, self-storage containers (pods)
- Carpets, carpet underlayment, carpet padding and mats
- Ceiling tiles
- Cell phones, telephones, remote controls
- Ceramic tiles
- Cloth for sails
- Cloth diapers
- Composite flooring
- Computers including screens, keyboards, and protective cases
- Curtains, draperies
- Nonfood contact countertops, countertop laminates, {bathroom} sinks, tub surfaces, shelves, racks, carts, appliances - outer surfaces only, refrigerators - outer surfaces only, microwave ovens - outer surfaces only
- Concrete products
- Concrete additives for sewer pipes, manholes and concrete sewer structures (not to be used in treatment of storm drains)
- Conveyor systems and belts (nonfood contact)
- Decking materials, wood, plastic, composite, metal
- Dental office equipment\*, drilling equipment\*, compressed air systems\*, examination chairs\*, pedestal lighting\*, magnification equipment\*, suction/vacuum systems\*, x-ray viewers\*, case goods\*, anesthesia equipment\*
- Disposable diapers (non-woven), feminine napkins, adult incontinence products
- Disposable polyurethane foam cushions for Lapidus Airfloat Systems
- Farming equipment (nonfood contact)
- Fiberfill for upholstery, sleeping bags, apparel, where the fiber is cotton, natural down, nylon, polyester, rayon, wool or other fill materials of similar nature
- Fire hose fabric
- Fabrics (natural and synthetic, woven and non-woven)
- Fiberglass duct board for air handling systems at point of manufacture
- Fiberglass duct board for air handling systems prior to or during installation, but prior to system being charged and in use
- Filling and ticking
- Floor coverings, finished floors, high speed burnished floors, conductive flooring
- Foam for packing, cushioning, furniture, mattresses
- Footwear (boots, shoes and components)

- Furniture, chairs, tables, case goods, desks, side tables, occasional pieces, constructed of metal, wood, plastic, composites, upholstered, or furniture constructed with any combination of these materials, folding tables, bed frames, lifts, washable walls, cabinets, shelves, racks and carts
- General purpose containers and equipment
- Gypsum Board
- Interior nonfood contact hard surfaces: floors, walls, ceiling tiles, ceramic, tile, concrete, chrome, laminate, stainless steel, stone, vinyl, porcelain, paper wall covering, drywall (wallboard), plaster, wood, glass fixtures, marble, aluminum, art work, pictures, wood surfaces, painted surfaces, composite surfaces
- Inflatable rafts and anchored inflatable structures
- Grout (tile & masonry)
- Hardware door knobs and handles
- Hospital beds\*, mattresses\*, mechanical systems\*, headboards\*, footboards\*, control panels\*, and adjustable side rails\*
- Hospital Patient room furnishings\*, side tables\*, over the bed tray tables\*, telephones\*, call buttons\*, case goods\*, lavatory fixtures\*, sinks\*, tub/shower units\*, commodes\*, light switches\*, door handles\*, remote controls\*, computer trays\*, mobile computer stands including those stands with blood pressure\*, pulse\*, temperature monitoring and testing devices attached\*
- Hospital and healthcare upholstered and hard surface waiting room chairs\*, side tables\*, safety hand rails\*, countertops\*, public lavatory fixtures\*
- Hospital soft goods\*, upholstered furniture, linens\*, gowns\*, patient and healthcare provider garments\*, towels\*, blankets\*, pads\*, and privacy curtains\*
- Institutional sponges and mops
- Laboratory equipment, autoclaves & sterilizers\*, mixers, refrigerators and freezers, ovens, vent (fume) hoods, shakers, vortexers, mixers, centrifuges, hot plates, stirrers, balances, water purifiers, incubators, stability chambers, furnaces, microarray equipment, liquid handling robotics, spectrophotometers, pipettes, beakers, tubes, glassware, biosafety cabinets, cryogenic storage systems, sonicators, homogenizers, gloveboxes, lyophilizers, rotary evaporators, dispensers, mills, baths, chillers, furniture, case goods, sinks, plumbing fixtures, microplate equipment
- Laminate flooring
- Leather (natural and synthetic), hide/leather processing surfaces such as hide storage bins, holding tanks, chill tanks, serpentine tanks and chains, machine and tannery equipment surfaces, conveyors and trolleys, hide press, grading and storage areas and scales
- Lighting fixtures including floor lamps, table lamps, pendent lighting, and task lighting
- Maintenance equipment
- Marine equipment and vehicles including lifesaving preservers, seating cushions, stowable equipment, interior and exterior surfaces
- Mattress components including pads and ticking
- Medical Examination Furnishings\*
- Medical Treatment tables\*, chairs\*, wheelchairs\*, and gurneys\*
- Medical diagnostic\*, examination\*, and monitoring equipment including heart and breathing monitors\*, stethoscopes\*, blood pressure devices\*, IV stands\*, test equipment such as EKG and EEG equipment\*, MRI/CAT scan equipment\*, X-ray equipment\*, medicine carts\*, and rehabilitation/therapy equipment.\*
- Medical breathing apparatus such as ventilation tents and oxygen masks\*
- Men's clothing
- Men's underwear and outerwear
- Military and Law Enforcement clothing, uniforms, boots, protective gear, weaponry, and tactical gear
- Non-woven polyester
- Organic threads, fabrics, textiles
- Outdoor furniture
- Outerwear apparel (jackets, sweaters, sweatshirts, coats, raincoats/slickers, overcoats, jerseys, ponchos)

- Packaging materials (nonfood contact)
- People movers, elevators, escalators, and horizontal mechanical moving walkways
- Personal hygiene products, hair clippers, combs, brushes, cutting implements, plastic rollers, washable nail files, washing or scrubbing devices
- Personal Protective Equipment (PPE), hard hats, helmets, bump caps, guards, accessories, work gloves, chemical hazard gloves, mechanical hazard gloves, specialized protection, thermal hazard protection. Safety glasses, eye shields, over specs, eye wear accessories, face shields, visors, safety goggles, breathing apparatus, escape sets, working sets, protective clothing, chemical manufacturing and blending outerwear, hi-visibility clothing, FE clothing, weather wear, workwear, PPE used for protecting medical personnel\* in biological disease outbreaks\*, biohazard clothing\*, impermeable materials, foot protection, safety footwear, food industry footwear, ESD Footwear, hearing protection, ear defenders, ear plugs, communications sets, noise meters, acoustic foam, respiratory protection, filter respirators, lightweight respirators, powered respirators, detectors and monitors, fall management equipment, safety harnesses, fall arresters, elbow, wrist supports, back supports.
- Pillows & pillow covers
- Playground equipment
- Plumbing supplies and fixtures
- Polyurethane and cellulose foam for household, commercial, and industrial treated surfaces
- Polyurethane and polyethylene foam, when covered
- Polyurethane foam for packaging and cushioning applications
- Polyurethane foam used as a growth medium crops and plants
- Poultry farm equipment, egg conveyors, hen boxes, egg pads, litter, hatchers, setters, trays, racks, egg flats, chick boxes, egg cases, vans and trash containers, poultry/turkey equipment, carts, sexing tables, and automated tray, rack and buggy washers, egg receiving and egg holding areas
- Pre-moistened woven or non-woven towelettes (nonfood contact)
- PVC, plastic, terra cotta, composite, iron pipe and structural drain or sewer (waste) system components including residential, commercial, industrial, public collection and treatment systems and facilities components (not intended to be applied directly to sewage (effluent) being treated at such facilities
- PVC, plastic, terra cotta, composite, copper, and iron structural pipe system components in industrial, commercial (Including chiller and process systems) & residential applications
- Wipes (as a preservative)(nonfood contact)
- Quilts, linens, and pillows
- Roofing materials - defined as shingles, roofing granules, tiles, membranes, underlayment wood shakes, felt, stone, metal, composite, and synthetic overcoats
- Rugs
- Sheet and formed glass
- Sand bags, tents, tarpaulins, sails, and ropes
- Shipping and storage containers
- Shoes
- Shoe insoles
- Socks comprised of nylon, nylon/orlon, cotton/nylon, linen/Lycra, acrylic/polypropylene/ nylon/Lycra, wool/silk/nylon/Lycra and wool/acrylic/nylon/Lycra as well as other forms of organic and or synthetic blends
- Spa equipment, tanning spas/beds, tanning equipment, whirlpool, jetted, or other soaking types of recuperative and therapeutic baths or spas, footbath surfaces, tattoo equipment (Not for use on needles or other skin piercing instruments), ultrasonic baths
- Styrofoam
- Synthetic thread, fabric and textiles
- Tack equipment
- Tarps

- Tents and other outdoor equipment
- Throw rugs
- Toweling made of 100 percent cotton, 100 percent polyester, and blends of the two fibers
- Umbrellas
- Upholstery made of acetates, acrylics, cotton, fiberglass, nylon, polyester, polyethylene, polyolefin, polypropylene, rayon, spandex, vinyl, wool
- Vacuum cleaner bags and filters
- Veterinary equipment, case goods, kennel runs, cages, kennel/cage floors, conductive flooring, examination tables, veterinary x-ray tables, loading platforms, animal equipment, horse ambulance
- Vinyl paper-wallpaper 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 (nonfood contact)
- Waste Receptacles, garbage cans/pails, trash barrels, trash cans, trash containers, industrial waste receptacles and garbage handling equipment
- Washing machines, clothes washing machines
- Women's clothing
- Women's hosiery
- Women's intimate apparel

**Note:** This product can be used in paints and coatings as an in-can preservative for protection of paint and the finished dry paint and coating film. Types of paints and coatings include: latex indoor/outdoor paints and stains, wood stains, architectural paints, lacquers and maintenance coatings, films, laminates and finishes including alkyd, urethane, enamel, epoxy, siloxane, amino resins, textile coatings, extrusion coatings, architectural coatings and overlays, anti-corrosion coatings, fire-resistant coatings, aliphatic coatings, vinyl ester and polyester coatings, gel coatings, amino resins, resins used as additive mixes for cement, epoxy laminating resins, and blends and copolymers thereof.

**Note:** Any claims for paint (other than for cured or dried painted surfaces) use must be for the preservative of the paint in the can. This product is to be used as an in-can preservative for paints to control the growth of odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae.

\*This product is not meant to control public health organisms. This product is not to be used on objects that are (1) 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. (Note to reviewer: This footnote will appear on the label on the same panel and the noted statement)

## **DIRECTIONS FOR USE**

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

**{Please read entire label and use strictly in accordance with precautionary statements and directions.}**

## **GENERAL INSTRUCTIONS PRIOR TO COMMERCIAL, INSTITUTIONAL, RESIDENTIAL, & INDUSTRIAL USE**

### **DESCRIPTION OF APPROVED APPLICATION METHODS**

This product can be applied to organic or inorganic substrates by brushing, dipping, wiping, padding, soaking, spraying, or by using foam finishing techniques.

Optimum application and drying conditions, such as time and temperature, should be determined for each application before use. If necessary, reapply this product every three months (90 days) or when odor, staining and discoloration due to bacteria, mold, or mildew returns.

Test fabric or surface in an inconspicuous area for color fastness or adverse reaction.

**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) apply 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 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 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/soaking.

The substrate can be dried at room temperatures or at temperatures to a 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.

## STORAGE AND DISPOSAL

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

**{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:** 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:**

(Note to Reviewer: One or more of the following paragraphs for Container Handling will be selected, depending on packaging use/type.)

(For residential/household use ONLY)

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or place in trash.

(For products with industrial, institutional, commercial use – May choose appropriate non- refillable/refillable statement.)

(For non-refillable containers 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  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for 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.

(For non-refillable containers greater 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  $\frac{1}{4}$  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 back and forth several times. Turn the container over onto its other end and tip back and forth several times. 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.

#### **IMPORTANT: WARRANTY AND DISCLAIMER INFORMATION**

BIOSAFE90 LLC 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. BIOSAFE90 LLC SPECIFICALLY DISCLAIMS ANY OTHER EXPRESSED OR IMPLIED WARRANTY, INCLUDING THE WARRANTY OF MERCHANTABILITY.

(Label version date: 04/07/2021)