



- EPA registered
- Long term history of safety, durability, and effectiveness
- Protects against microbial colonization
- Reduces transient microbial levels
- Does not dissipate over time, always working at full strength
- Durable even after multiple cleanings
- Won't wash off, leach or volatilize.
- Non-toxic technology after drying
- Extremely durable on virtually any surface
- Odorless and colorless
- Controls microbes, gram (+) & gram (-) bacteria, fungi, molds, yeasts, and algae
- Effective in textile applications up to 100 washes

Application Suggestions

Institutional & Municipal

Classrooms, walls, ceilings, floors, desks, chairs, computers, keyboards, phones, audio-visual equipment, wrestling mats, locker rooms, foot gear, helmets, sports equipment, bleachers, facilities, outside walls & sidewalks, HVAC systems, filters, medical centers, food service areas, gyms, arenas, concession stands, vehicles and buses.

Commercial & Industrial

Keyboards, phones, doors, vending machines, carpets, walls, railings, upholstery, equipment, toilets and restrooms, food service areas, cafeterias, conference rooms, HVAC filters and systems, chairs, cushions, dining areas, reception areas, outdoor lawn equipment, building exteriors, sidewalks, drive-ways, boats, autos, RV's, camping equipment, trucks, trailers, and pallets.

Hospitality

Facilities, bathrooms, shower curtains, vinyl wall covering, carpets, bedding & ticking, bed linens, bedspreads, computer keyboards, phones, remotes, front desk, conference areas, HVAC, filters, room AC units, ventilation systems, exterior walls, base board & window areas, housekeeping carts and laundry room area.

Healthcare

Emergency room floors, walls and ceilings, wheelchairs, EMT equipment and vehicles, reception area chairs, desks, tables, upholstery, privacy curtains, beds, rails, call buttons, medical devices and equipment, bed linens, touch points, TV remotes, keyboards, crash carts, gurneys, uniforms, scrubs, housekeeping carts and equipment, and air filters.

Food Industry

Processing equipment, shopping carts, ice machines, trash containers, walls, ceilings, floors, pallets, touch key pads, computer keyboards, transportation carts, refrigerated vans and trucks, transportation vehicles, high touch areas, pass thru doors, coolers, chillers, HVAC systems, filters, clean room walls, floors, ceilings, lab areas, employee break areas, vending machines, phones, intercoms, dining tables, carpets, dumpster areas, high odor areas, sidewalks and entry ways.

Construction

Hardwood, plywood, drywall, window treatments, joists, concrete, masonry, roofing tiles, cedar shakes, carpeting, cupboards, closets, HVAC systems, under sinks and counter-tops, tub and surround enclosures & backings, wall coverings. Can be applied to painted or treated surfaces that are color safe.





Suggested Areas Suitable for Bio-Spear Application

The active ingredient in BIO-SPEAR RTU is effective against odor causing bacteria, bacteria which cause staining and discoloration, fungi (mold and mildew) and algae as a static agent. BIO-SPEAR RTU can be used as a final bacteriostatic finish on the following items to impart bacteriostatic/fungistatic (mold and mildew) and algaestatic activity.

- Air Filters for furnaces, air-conditioners, air purification devices, automobiles, recirculating air handling systems.
- Air filters/materials
- Aquarium filter material & Aquarium glass
- Bed sheets, blankets, and bedspreads
- Buffer pads (abrasive and polishing)
- Carpets and draperies
- Concrete additive for sewer pipes, manholes and concrete sewer structures; not to be used in treatment of storm drains
- 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 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, wool/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
- Woman's hosiery
- Women's intimate apparel