

Patented technology for elimination of harmful surface bacteria with the following advantages:

- Bacteriostatic, fungistatic, and algaestatic
- EPA-registered food contact surface treatment
- Up to 90 days of protection
- Micro-coating actively inhibits microorganisms in the dry state
- Durably bonded antimicrobial
- Alcohol-free
- Odorless and colorless
- Long shelf life
- Highly stable, no special storage requirements

Laboratory tests have shown that BioShield® 75 to protects against a variety of bacteria and fungi, including: *Listeria Monocytogenes*, *E.coli* 0157:H7, *Salmonella Enterica*, *Campylobacter*, *Pseudomonas Aeruginosa*, *Staphylococcus Aureus*, *Aspergillus Niger/Flavus*, *Cladosporium*, and *Penicillium Funiculosum*.

Physical Properties

Appearance:	Clear Liquid
pH (undiluted):	3.0 - 5.5
Specific Gravity:	0.99 - 1.01 g/cc
% Active:	0.72 - 0.80

Directions

BioShield® 75 is a ready-to-use product.

Commercial and Institutional Applications:

For applications on small areas, the quart sprayer bottle may be used.

For larger areas, an electrostatic sprayer or pump sprayer is recommended.

Make sure that all surfaces are clean and dry. Set the sprayer to a fine mist and apply a light spray, 4 - 6 inches from the surfaces to be treated. Make sure the surface is completely covered. When treating more porous surfaces, more BioShield® 75 may be required to compensate for absorption. If the spray runs down the surface, it is being applied too heavily. Allow to dry thoroughly. A fan will speed the drying process. Avoid spraying on glass, as spotting may occur and can be difficult to remove. Spray should be promptly wiped off glass surfaces with a dry cloth or paper towel.

Coverage will vary with the porosity of the surface and how heavily the product is sprayed. One gallon of BioShield® 75 will typically cover 200 to 250 sq. ft. using the trigger sprayer that comes with the quart bottles. Coverage can reach 1,500 sq. ft. using a pump-up backpack sprayer and as high as 3,500 sq. ft. using an electrostatic sprayer.

Drying Time depends on temperature, humidity and air movement. Typically, sprayed surfaces will dry within 10 minutes. A fan will speed drying.

Applicator Protective Equipment: Although BioShield® 75 has a very low toxicity in its wet state, eye protection, neoprene gloves, and safety masks are recommended for applicators. The spray can be an eye and stomach irritant.

Once dry, BioShield® 75 is not toxic. Always refer to the SDS for latest health and safety guidelines.

Non Warranty

The suggestions and data in this bulletin are based on information we believe to be reliable. They are offered in good faith but without guarantee, as conditions and methods of use of our products are beyond our control. We recommend that the prospective user determine the suitability of our materials and suggestions on an experimental basis before adopting them on a commercial scale.

