

## Patented Technology for Elimination of Harmful Surface Bacteria.

- Up to 90 days of protection
- Alcohol free
- Durably bonded antimicrobial
- Odorless and colorless
- Long shelf life
- Highly stable, no special storage requirements

### What is BioShield®75?

- Bacteriostatic, Fungistatic, and Algaestatic.
- EPA registered food contact surface treatment.
- Durable Antimicrobial lasting up to three months.
- Bonds with almost any surface and inhibits the growth of bacteria.
- Functionalized mico-coating actively inhibits microorganisms in the dry-state, when tradition disinfectants no longer do.

### How it works?

- BioShield®75 is applied to any clean, dry surface by spraying.
- Once dry it forms a covalent bond with the surface forming a protective microbiostatic layer of positively charged long chain molecules.
- Pathogen, spoilage bacteria, and other harmful microorganisms are attracted to the positively charged ion and through lysis of the cell wall the cell is destroyed.
- Since this is a physical disruption, the destroyed cell cannot mutate or replicate. Thus avoiding the possibility of developing antimicrobial resistance.



### What regulatory approvals does BioShield®75 have?

Approved for all food contact and non-food surfaces by:



Ministry for Primary Industries  
Manatū Ahu Matua



**New Zealand Food Safety**  
Haumarū Kai Aotearoa



Environmental Protection Authority  
Te Mana Rauhi Taiao

### What microorganisms does BioShield®75 protect against?

Laboratory tests have shown BioShield®75 to protect surfaces against a variety of bacteria and fungi, including but not limited to: *Listeria Monocytogenes*, *E.coli* 0157:H7, *Salmonella Enterica*, *Campylobacter*, *Pseudomonas Aeruginosa*, *Staphylococcus Aureus*, *Aspergillus Niger/Flavus*, *Cladosporium*, and *Penicillium Funiculosum*.