

LaundrySafe

Infection Reduction Methodology

About Trinks Consulting Group

Business centered around antimicrobials

- Healthcare (HAI / CAI Eradication)
- Industrial (Employee Absenteeism / Environmental Safety)
- Agriculture (EPA Restrictions / Fine Reduction)
- Recreation (Cruise line Safety / Hospitality Industry, Gyms)
- Retail (Odor Reduction / Antimicrobial Laundry Additive)
- Liability Risk Mitigation / Lawsuit Avoidance

Product Agnostic

- Find best in class products, design and implement symbiotic technologies and integrate them into profit solutions



The Problem: HAIs

- 1 in 20 patients in hospitals will acquire a Healthcare Acquired Infection
- Of the nearly 2 million patients impacted by HAIs per year approximately 100,000 will die from these infections
- **Costs:** HAIs cost hospitals up to \$45 billion a year and the average hospital incurs \$28 million in unnecessary costs per year due to HAIs. Surgical-site MRSA infections alone cost as much as \$60,000 per case, and the average case costs \$15,275.
- **Litigation:** The typical hospital is the target of seven HAI-related lawsuits per year with an average settlement of \$1.5 million, for a total of \$10.5 million per hospital. Now that 27 states require hospitals to report incidence of HAIs, the number of awards is expected to rise.

HAIs kill more people than breast cancer, auto accidents and HIV combined

LaundrySafe

Focused on Reducing Healthcare and Community Acquired Infections

- ✓ **Unique Mechanical Mechanism of Protection**
- ✓ **Destroys Odor Causing Microbes**
- ✓ **Provides Residual Protective Barrier**
- ✓ **Extends Garment Product Life**
- ✓ **Enhances Hydrophobic Characteristics**
- ✓ **No Poisons, Toxins or Heavy Metals**
- ✓ **Established Safety Profile**
- ✓ **Cost Effective**
- ✓ **Provides New Revenue Stream Generation**

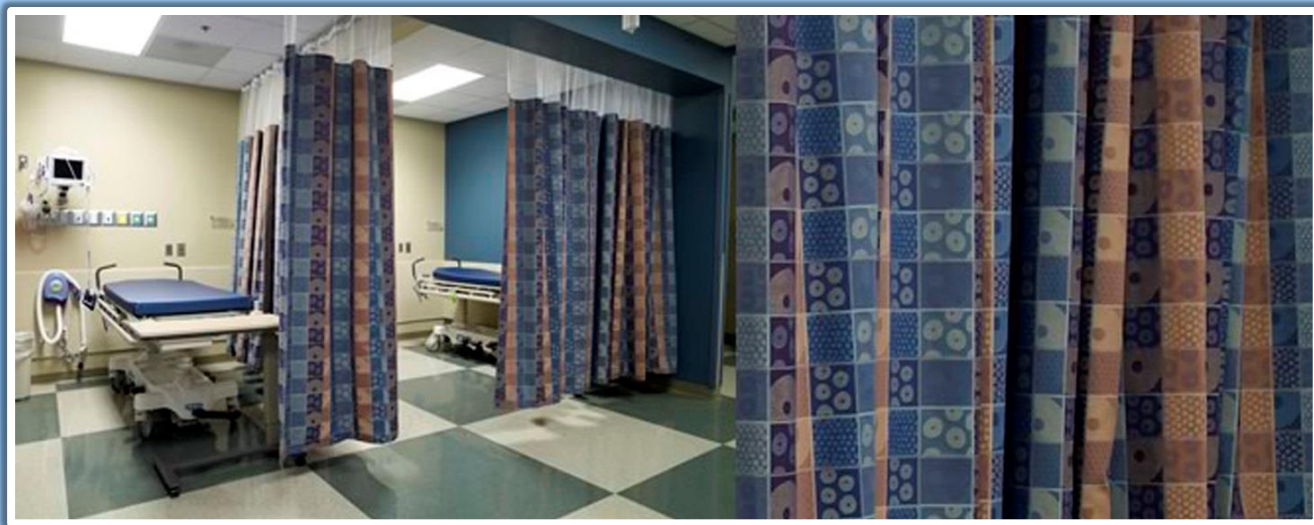
Typical Commercial Laundry Challenges

- **Blood**
- **Urine**
- **Feces**
- **Sweat**
- **Food**
- **Mold / Mildew**



Added Barrier Benefit

When applied to standard dividing curtains which separate patients in healthcare, medical or long-term care facilities, the resultant material now acts as a substantial biological barrier between bays.



BIOPROTECT™ Biostatic Agent + 90 Day Surface Protectant

- **Effective on highly abraded surfaces for up to three months**
- **Eliminates mold, fungus, algae, bacteria, and other odor causing microbes**
- **Independent testing shows efficacy against influenza and enveloped viruses (COVID-19)**
- **Organic, non-toxic, non-leaching, water-based molecule**
- **Persistently kills organisms mechanically instead of chemically**
- **EPA approved for porous and non-porous surfaces**
- **Works on textiles in laundry solutions, provides anti-static component**
- **A Silicone Quaternary Ammonium Salt (Organo-Silane Molecule)**
- **Approved for direct food and pet contact**



BIOPROTECT LS 420

Textile Technology

- Organic product non-toxic, water-based molecule laundry softener for clothing, uniforms and textiles (tablecloths)
- Add ½ ounce to an average laundry during the rinse cycle to turn garments antimicrobial and hydrophobic
- When the BIOPROTECT™ treatment has dried and establishes its mechanism of defense the matrix inherently adds beneficial hydrophobic qualities to textiles with which it has been applied
- This process enhances the material's ability to resist spills, soiling, liquids and absorption of sweat and body odors while still allowing the garment to significantly *breath* and provide evaporative cooling
- Exceptional odor control

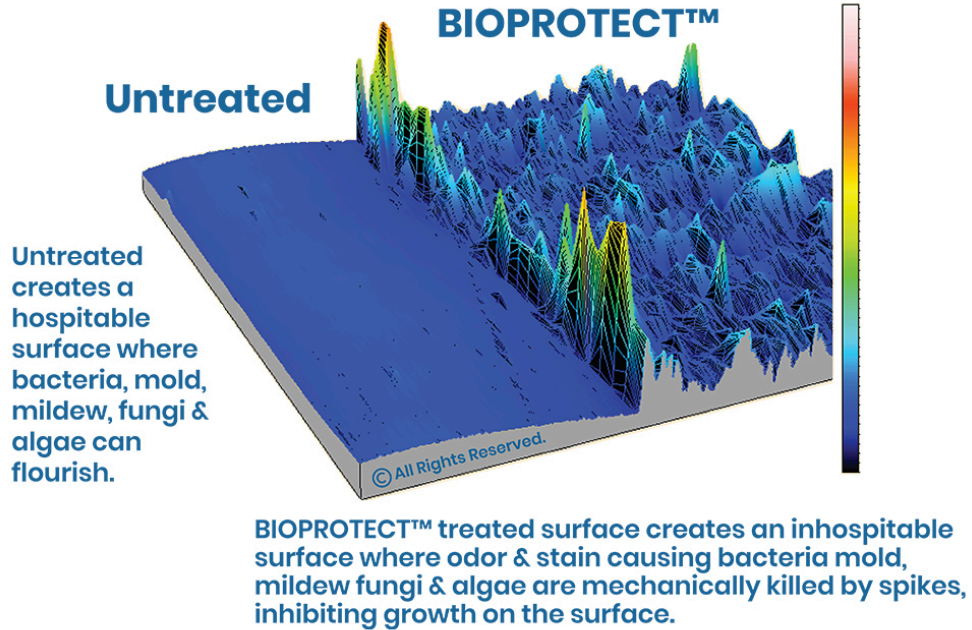
Enhanced Hydrophobic Qualities

- When the **BIOPROTECT™** Treatment has dried and establishes its mechanism of defense
- The matrix inherently adds beneficial hydrophobic qualities to textiles with which it has been applied
- This enhances the materials ability to resist spills, soiling, liquids, absorption of sweat and body odors while still allowing the garment to significantly “breath” and still provide evaporative cooling
- Provides Anti-static component

BIOPROTECT™

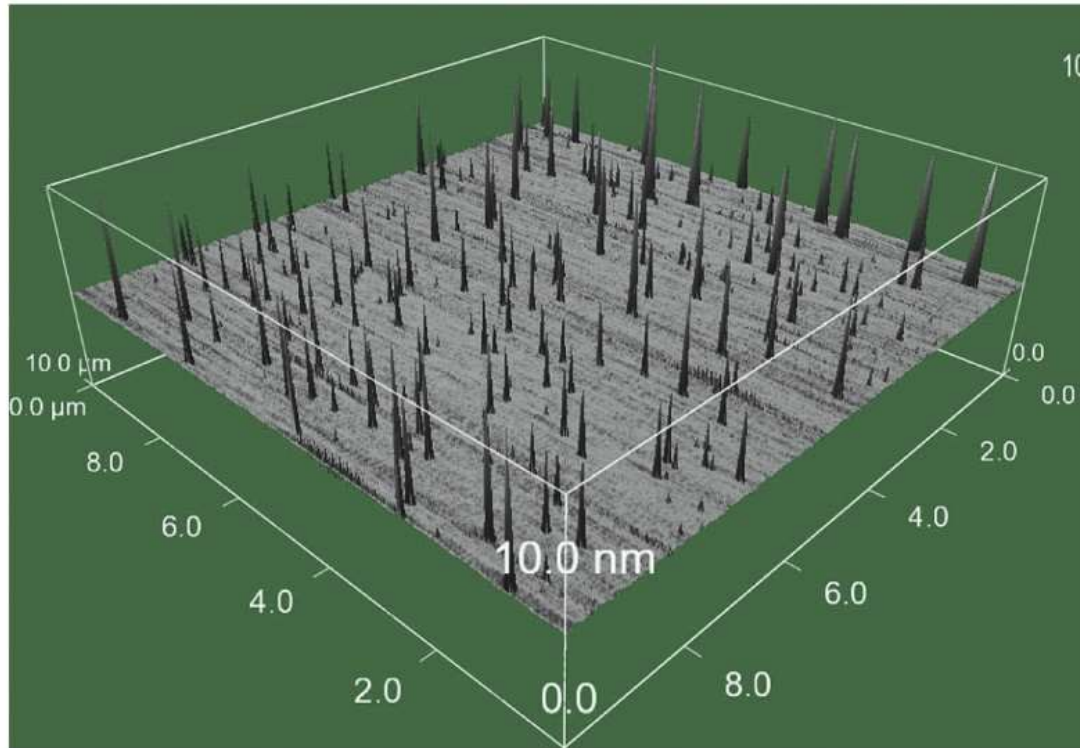
Technology

When applied to a surface or incorporated into a material, BIOPROTECT™ forms a covalent bond with the substrate and creates a microbiostatic antimicrobial protective layer, making it unreceptive to microorganisms. The coating forms a nano-bed shield of spikes (self-assembling monolayer), each of which carry a positive charge that attracts the negatively charged microorganism. Once attracted, the molecular spikes pierce the cell and rupture its cell membrane, causing the microorganism to die. Wipe on, spray on, fog on, or electrostatically spray on. Protect with BIOPROTECT™.



Dependable Mechanical Kill

Organically based complex and utilizes **NO** heavy metals, poisons or toxins.



Extends Garment Life

- Extends garment/uniform life as bacteria feed off dead skin cells imbedded within the clothing fibers (weakening the material)
- An inhospitable barrier is now present and clothing fibers are preserved to a greater extent increasing garment longevity.
- Provides Anti-static component



Safety

- ❖ **Biodegradable**
- ❖ **Totally inert when in its saturated state**
- ❖ **Carries no governmental restrictions (EPA, DOT, OSHA)**



Carries No Facility Risk

- Safe for facility use
- No employee handling restrictions
- Provides enhanced patient safety
- Safe to transport and store
- Improves facility reputation



Cost vs Benefit

- Our current cost model will add approximately \$0.01 to \$0.05 cents per lb of laundry. Cost varies on volume purchase amount and contract length.
- Cost may be offset by addition to existing laundry service room charges.
- Revenue Generation is produced by up-charges associated with provision of new technology and enhanced textiles, thus creating a *“value added”* service component.
- This presents a unique marketing capability for facilities
- Presents an additional mechanism for infection control
- Works continually with no human error potential
- Contributes to lower employee absenteeism

Vertical Sale Integration

This treatment provides additional benefits to aid in the decrease of Hospital Acquired Infections (HAIs) and provides a requisite decrease in the overall bio-burden relating to institutions where bacteria and odors are of particular concern such as:

- Hospitals
- Ambulatory Surgical Centers
- Fitness Centers
- Laboratories
- Food Processing Facilities
- Veterinary Practices
- Hospitality Industry
- Manufacturing Plants

