



Critical Cleaning & Bio-Decontamination Services



PROPOSAL

Antimicrobial Surface Treatment
Chicago Office

March 4, 2020

PREPARED FOR

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SUBMITTED BY

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THE STERILE SCIENCE ADVANTAGE

SPECIALISTS IN CONTROLLED ENVIRONMENTS: Sterile Science specifically serves critical environments such as cleanrooms, research laboratories and aseptic facilities. Target contamination levels range from ISO 14644-1 CLASS 3 to CLASS 8.

SECURITY: Sterile Science service technicians wear uniforms and photo IDs for your protection. Technicians are subject to random drug and alcohol testing. We adhere to all our customer's security policies.

EMERGENCY RESPONSE: 24 hours a day / 365 days a year. Emergency response priority is given to current Sterile Science customers.

FLEXIBLE SCHEDULING 24/7: Schedule services when convenient for you.

FULLY INSURED: General Liability, Auto, Workers Compensation, and Umbrella Coverage. Subrogation and liability waivers available upon request.

GUARANTEED: All Sterile Science services are 100% guaranteed.

INTRODUCTION

Sterile Science proposes a professional application of MicrobeCare antimicrobial solution for your facility.

MicrobeCare is a unique patented, EPA registered antimicrobial solution that will help reduce the spread of infection and cross communication of dangerous microorganisms on surfaces to which it is applied.

MicrobeCare provides *persistent* protection against harmful pathogens. Once applied, it remains bonded to the surface for an extended period of time. Normal activity and regular cleaning will not remove the protective layer.

Sterile Science will apply MicrobeCare to high touch surfaces throughout the common areas of the Chicago headquarters.

Client is responsible for removing clutter from the areas to be treated. The treatment is non-toxic, but personnel need to be temporarily cleared from the work area during service.

SCOPE OF WORK

CHEMISTRY

Sterile Science uses MicrobeCare, a proprietary quaternary ammonium bonding solution. MicrobeCare is odorless, colorless, non-leaching, long-lasting and is effective against bacteria, viruses, fungi, algae and yeast. MicrobeCare uses a molecular bond to hold the antimicrobial to its applied surfaces, thus retaining its full antimicrobial strength where it is applied.

- A covalent bond permanently affixes MicrobeCare to the surface
- Cross linking between adjacent molecules forms a matrix of swords
- 18 link carbon chain pierces microbes as they are pulled towards the nitrogen atom
- The positively charged nitrogen atom attracts microbes to the surface and ultimately electrocutes the microorganisms through a positive-negative ion exchange

Importantly, the microscopic coating is not removed by regular cleaning products, offering lasting protection from a variety of pathogens.

MicrobeCare is EPA-registered and is effective against gram-positive and gram-negative bacteria, viruses, fungi, algae, and yeast. This includes microorganisms such as MRSA, HIV, E. coli, and emerging viral threats including the COVID-19 coronavirus.

Clinical studies have shown that surfaces treated with MicrobeCare provide significant reduction/ suppression of selective health care-associated pathogens on inert clinical surfaces compared to untreated control surfaces.

TREATMENT PROCESS

A thin layer of solution is applied via no-touch electrostatic sprayer and/ or manual application with non-linting wipers. If necessary, excess solution is removed. Treated surfaces are dry to the touch within 20 minutes.

Some surfaces may show a slight haze or be tacky to the touch. This is cosmetic only and does not alter the efficacy of the treatment. If desired, the surface can be wiped with a clean cloth. Routine cleaning will not affect the antimicrobial property.

All surfaces are completely safe and non-toxic.

TREATMENT AREAS

OFFICE FURNITURE

- Work Surfaces
- Pulls and Handles
- Chairs

OFFICE EQUIPMENT

- Monitors
- Keyboards
- Telephones
- Copier Controls

ENVIRONMENT

- Light Switches
- Door Handles
- Elevator Controls

RESTROOMS

- Sinks and Counters
- Plumbing Fixtures
- Grab Bars
- Towel Racks, Hand Dryers

STAIRWELLS

- Railings

PANTRIES

- Countertops
- Plumbing Fixtures
- Appliance Controls, Touch Pads, Handles
- Casework Pulls and Handles

AREA

Treatment Area:

Common areas on floors 1-4 including the basement.

Excludes private offices, storage areas and mechanical spaces.
Excludes floors, walls and ceilings.

INVESTMENT SUMMARY

The pricing below includes all travel, labor, and material based on a single mobilization. Pricing is based on standard hours and full shift access. Additional charges may apply for off hours, limited access or multiple mobilizations.

	Service Frequency	Investment
Antimicrobial Surface Treatment	Ad-Hoc	
Total Investment		\$ 3,425.00

For additional products and services, visit www.sterilescience.com.