

# GrowSafe

*Advanced Mold, Bacteria + Odor Control for  
the Grow, Hemp/Cannabis Industry*



WCP Facility Solutions

A photograph of several small green seedlings growing in a dark brown soil tray. The seedlings are in various stages of growth, with some having two leaves and others just starting to sprout. The background is dark and out of focus.

# Mission

Utilize physics and chemistry to raise the level of indoor air quality and surface hygiene in the places we work, learn, and play. From the grow room, to the retail market, and all spaces in between.

# About WCP Facility Solutions

## Business centered around Facility Health and Wellness

- Healthcare (HAI / CAI Eradication)
- Education (Student + Staff Safety / Savings + Benefits per Facility)
- Industrial (Employee Absenteeism / Environmental Safety)
- Agriculture (EPA Restrictions / Eliminate Mold / Fine Reduction)
- Entertainment (Music Venues / Stadiums, Arenas, Theaters, Clubs)
- Recreation (Cruise line Safety / Hospitality Industry, Gyms)
- Retail (Odor Control / Antimicrobial Laundry Additive)
- Liability Risk Mitigation / Lawsuit Avoidance

## Product Agnostic

*Find best in class products, design and implement a coordinated suite of healthy building technologies and integrate them into profit solutions*



# GrowSafe Agenda

PHASE 1

**Identify the Problems**

PHASE 2

**Increase Indoor Air Quality (IAQ) and implement cleaning and infection control solutions**

PHASE 3

**Develop monitoring tools for the staff to ensure system compliance**

PHASE 4

**Construct Cost/Benefit Analysis**

# Our Approach

**WCP Facility Solutions** recognizes that there are no “*silver bullets*” in the world of odor causing mold, and bacteria control. We know the problem is complicated and will require multiple solutions. WCPFS specializes in implementing safer cleaning and infection control strategies to “*control*” the spread of bacteria.

Let us attack this problem for you by

- Using a systematic layered approach focused on proven methods of transmission and transference
- Instituting state of the art technologies to alleviate costs
- Implementing disruptive products to provide superior outcomes

# Methods of Transmission



## Surfaces

*Touch Contamination*



## Textiles

*Spore Capture / Bacteria*



## Hygiene

*Hand Washing*



## Exposure

*Outside Sources*



## Air

*Vectors / Air System Handling*

# Surface Antimicrobials and Odor Control

**Chlorine Dioxide Solution (CLO<sub>2</sub>)- Deodorizer**

**Chlorine Dioxide (CLO<sub>2</sub>) - Off Gassing Deodorizing Tablets**

**Hypochlorous Acid (HOCL) - Disinfectant**

- **Chlorine Dioxide (CLO<sub>2</sub>)** is an all-purpose, surface cleaner which is an excellent solution to eliminate smoke and odors
- **Off Gassing Tablets** require no labor – simply place the tablet in the appropriate container of water
- **Chlorine Dioxide** is the CDC's recommended product for disinfection of PPE vs Ebola. Eliminates smoke and odors
- **Hypochlorous Acid (HOCL)** is made naturally by white blood cells in all mammals for healing and protection
- **HOCL** is a powerful oxidant that is effective against bacteria, fungi, and viruses

## **Label Claims Bacteria and Fungi**

- Salmonella enterica
- Escherichia coli
- MRSA
- Salmonella enterica
- Acinetobacter baumannii
- Staphylococcus aureus
- Legionella pneumophila
- Aspergillus niger
- Enterobacter aerogenes
- Listeria monocytogenes

## **Label Claims Viruses**

- HIV-I
- Norovirus (feline calicivirus surrogate)
- Respiratory syncytial virus
- Rotavirus
- H1N1 flu virus
- H5N1 flu virus
- Hepatitis B
- Hepatitis C

# **BIOPROTECT™**

## **6 Hour Hand Sanitizer**

- Regular hand sanitizers work only when the product is wet
- BIOPROTECT™ unique alcohol-free foaming hand sanitizer delivers 6-hour residual protection on skin surfaces
- Benzalkonium Chloride/Aloe formulation, non-sticky, non-greasy, no odor
- Once applied the material bonds to the skin surface and provides continual protection even after hand washing/hygiene procedures
- Application on hands reduces inoculation of touch points throughout the environment, reduces cross contamination
- Alcohol-free, no fire hazard for storage, or false positive drug testing results for personnel
- Reduces staff absenteeism and presenteeism





# **SHIELD™** Disruptive Biostatic Agent 90 Day Surface Protectant

- **Effective on surfaces for up to 3 months**
- **Eliminates bacteria, mold, fungus, algae, and other odor causing microbes**
- **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 odor control and provides an anti-static component**
- **Approved for direct food and pet contact**
- **Edison Award Winner “Best New Product”**





# SHIELD™

## Laundry Treatment

- Organic product non-toxic, water-based molecule laundry softener for clothing, uniforms, textiles, and tablecloths
- Extends garment/uniform life as bacteria feed off dead skin cells embedded within the clothing fibers
- Add 2-4 ounces to laundry (depending on load size )during rinse cycle to turn garments antimicrobial and hydrophobic
- When the SHIELD™ 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 breathe and provide evaporative cooling
- Provides anti-static component
- Exceptional odor control and adds hydrophobic properties to resist grime and staining

# PerfectCLEAN™ Microfiber

- Physically removes 85% of grime, dust and Micro-organisms
- Lint-free therefore lessens particulates produced from paper towels
- Durable and Chlorine Stable designed to meet CDC guidelines for Blood-Borne pathogens
- Multicolor to identify use area (separate containment areas or applications) helps limit cross contamination
- Provides an electrostatic charge to *attract* debris
- Aides in achieving dwelltime against micro-organisms
- Reduces waste and saves on cleaning expenses
- Multiple patents including internationally patented "Built-in Antimicrobial Product Protection"



# **SIMIX™** Floor Treatment

- **Provides a Nano-Technology Surface Treatment rendering flooring surfaces antimicrobial, through high pH (12) and inclusion of Spot-On technology**
- **Nano-Technology forms a glass-like composite, and is not a wax, therefore much less slippery**
- **Easy-to-use (two people can apply 10,000 square feet in approximately 2-hours)**
- **Maintenance is as easy as periodic swabbing with Simix™ Multi-Surface Cleaner**
- **Significant labor cost savings over conventional floor treatments**
- **Adjunctive to increased air quality: Eliminating bio-burdens**



# SIMIX™ Floor Coating

## Reducing “Slip and Fall” Incidents

SIMIX Multi-Surface Ceramic Clearcoat creates less slippery floors and is rated as high traction by ANSI standard “Dynamic Coefficient of Friction” (DCOF) testing. Using a tribometer on a wet surface, floors treated with Simix™ maintain high DCOF ratings (above .42) and are safer for students, customers, faculty and staff. This results in a reduction of “slip and fall” incidents, relating filing of potential lawsuits, insurance claims and processing of requisite paperwork.



Coating DCOF result ANSI Standard Range SIMIX Ceramic Clearcoat = .436 High traction

# Indoor Air Quality Approach

We understand that decreasing overall particulates and bio-burdens found in the environment of confined spaces, leads to requisite decreases in associated cleaning costs, along with decreased risk of microbial touch contamination, airborne related illness and exposure to nosocomial organisms.



# High Efficiency Air FILTRATION

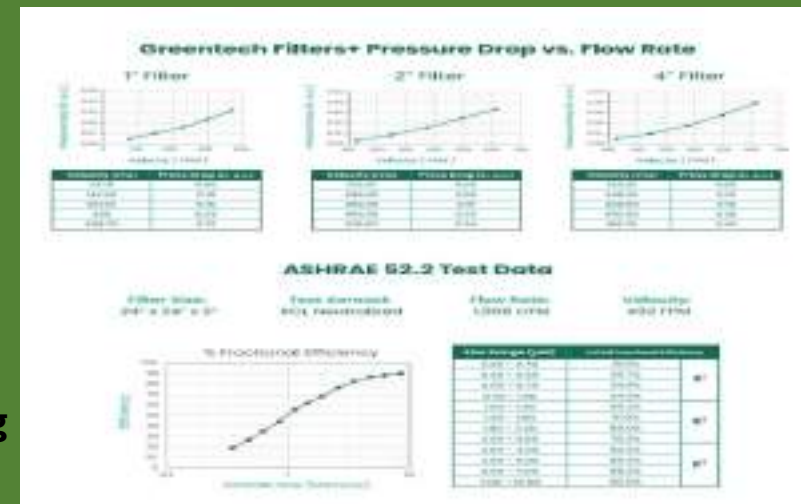
These filters provide high quality true MERV 13A air with the added benefit of a proprietary micro-biostatic surface coating Destroying Odors, reducing particulates such as dust, pollen and pet dander into your home. It is important to start with as clean Indoor Air Quality as possible monitoring results then adding supplemental devices to obtain the highest Indoor Air Quality (I.A.Q.) results.



## Standard Sizes

- 16" x 20"
- 16" x 25"
- 20" x 20"
- 20" x 25"
- 24" x 30"

Please Call for Custom Sizing





## Keep Farm and Transport Vehicles Safe

- Clean all Transport Vehicles with Microfiber
- Deodorize and Disinfect with Chlorine Dioxide (CLO<sub>2</sub>) Off-Gassing tablets and Hypochlorous Acid (HOCL)
- Residually Protect with SHIELD™ Technology
- Remain actively and continuously protected from the grow room to the retail market and all spaces in between



# GrowSafe Summary



## Lower Operating Costs

*Cleaning, Staff Absenteeism & Presenteeism*



## 24/7 Protection

*Continuous surface/textile cleaning & sub-micron air filtering*



## Helps Ensure Safety

*of staff and visitors*



## Environmentally Safe

*Exceptional mold and odor control*

**SHIELD™ Surface Protectant**

**BIOPROTECT™ 6-Hour Hand Sanitizer**

**SHIELD™ Laundry Treatment**

**PerfectCLEAN™ Microfiber**

**Submicron Indoor Air Filtration Solutions**

**Hospital-grade Disinfectants**

**Environmental Monitoring**

**Infection Control Consulting**



WCP Facility Solutions

Your Partner for Safe and Healthy Facilities

# Thank You For Your Interest!

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