

OOH KV99 M3 System - Via HVAC System



Endorsed by:



U.S. Food and Drug Administration (FDA)
Generally Recognized as Safe (GRAS) Certified



U.S. Environmental Protection Agency (EPA)
Exempted (FIFRA 25(b))
40 CFR 152.25 as per CA. Section 6147



New Zealand BioGro Organic Standards
Organic certified (BioGrow)



U.S. Food and Drug Administration (FDA)
21 CFR 182.3013
CFR 184.1540



Environmental Protection Authority
Te Mana Rauhi Taiao

New Zealand Environmental Protection Authority (NZ EPA)
HRS100548
HRS100549



U.S. Department of Agriculture (USDA)
Official Organic Assurance Programme (MPI-OOAP)



Japanese Agricultural Standards (JAS)

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Tested by:



Microbac Laboratory, Sterling, VA, USA (USA-CDC Approved)
COVID-19 / SARS CoV-2



MSL, United Kingdom
COVID-19 / SARS CoV-2 Surrogate



Microchem Laboratory, USA
USP- 51 Test



Earth, Life and Social Sciences Lab, The Netherlands
TNO Test Report



Aerobiology Laboratory, USA
Various Tests on Isolates



Laboratories O'Analyses Quebec, Canada
Various Fungi, Bacteria, Yeasts, Viruses



MSAVA
Malaysian Small Animal
Veterinary Association

Veterinary Research Institute, Department of Veterinary Services, Kuala Lumpur, Malaysia
H1N1 testing



Erduran Tibbi Tahlil Laboratuvari, North Cypress
Food Safety Testing



SC Labs, Santa Cruz, CA. USA
Cannabis



Eurofins EMLAB P&K Phoenix, USA
Various Fungi, Bacteria, Yeasts, Viruses



Camarines Norte University, Philippines
Various Fungi, Bacteria, Yeasts, Viruses

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Ningbo Entry-Exit Inspection & Quarantine Bureau Technical Center,
People's Republic of China

Skin Sensitivity

Mucous Membrane

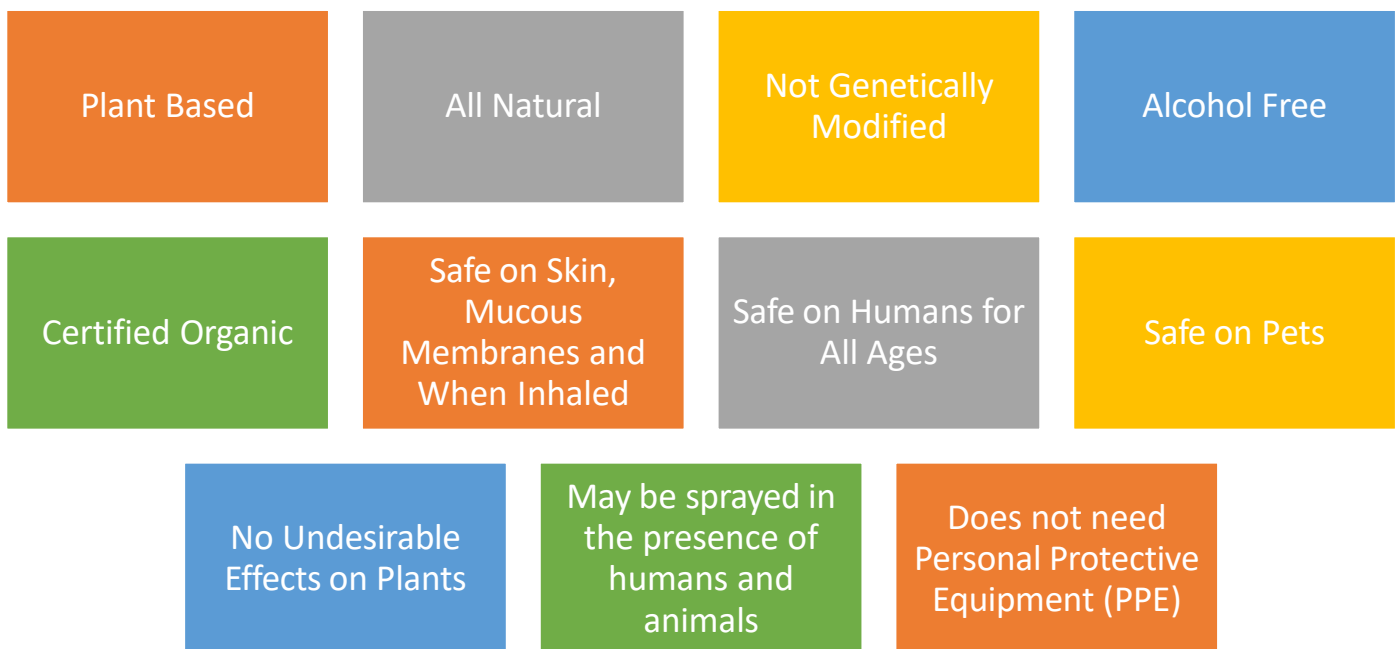
Inhalation Sensitivity

The Natural Solution - Path-Away®

- Human friendly **disinfection**⁽¹⁾ – and safe to the environment
- Tested and proven effective against a wide variety of pathogens including COVID-19
- Can be delivered without wearing Personal Protective Equipment with no need to vacate area being disinfected
- Safe and effective when delivered via the air
 - Fogging - Dry Fog™
 - Heating Ventilation and Cooling (HVAC) Systems - M3 System

⁽¹⁾ **Disinfecting vs sanitizing: sanitizing lower the number of germs; disinfecting kills germs on surfaces**

Path-Away® – The Ingredient In Natshield™



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Delivery Mechanisms Path-Away®

- Direct on skin (sanitizer)
- As a portable fogger (long lasting and deep penetrating 'dry cloud')
- Via the HVAC system for buildings
- For vehicles including ambulances, EMT, public/air transportation, etc.



Fogging

- Unique proprietary dispersal via ultrasonic atomizing nozzle that produces Dry Fog™ (droplet sizes below 10um in size).
- Effectively captures and deactivates airborne pathogens
- Leaves a long lasting protective layer on all surfaces fogged.
- Able to penetrate tough to reach areas.
- Portable and easy to handle.



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The Investigative Process and the M3 Protocol



Measure

We establish a baseline bioaerosol pathogen matrix of the facility.



Manage

We construct a protocol based on laboratory results to manage pathogen levels that will enhance Infection Control policies and reduce nosocomial infections.



Monitor

We formulate a comprehensive long term program with guidelines to monitor results that will keep the facility on track with their infection reduction goals.



The M3 System® Delivery Module

Developed in the USA to provide your facility with premium pathogen control automatically.

Step 1

An opening conference is held to discuss your problems and issues. The nature of the problem is discussed and a survey is handed out to management to acquire information on problems. Attendees should include management, infection control and personnel from maintenance and engineering. During this step of the process a walk around of the facility is conducted where notes and photographs for reference are collected. A list of documents required for "Step 2" of the program is discussed.

Step 3

Implementation of the M3 protocol is initiated. Samples are sent to be analyzed and quantified by a Certified Microbiological Laboratory as needed. Any chemical testing is conducted as per OSHA protocols and results are analyzed and quantified by a certified laboratory. Results are documented and a new, comprehensive protocol for reduction and control of infection rates is constructed for implementation by the facility.

Step 2

Based on the information gathered during the opening conference and a review of the survey forms a comprehensive protocol for the identification and quantification of pathogenic bioaerosols is formulated and presented to management.

Step 4

Follow up random sampling and testing is conducted on a six month basis to monitor results and to re-examine the facility for physical changes such as additional construction, changes in use, etc.

The M3 system was registered with The United States Patent and Trademark Office on September 27, 2011. Registration #4,032,797

US Patent Pending #62/706,137 Technology property of GICC LLC.