

CAPABILITY STATEMENT

Dry Hydrogen Peroxide (DHP) technology is designed to provide prophylactic mitigation of broad-spectrum pathogens including viruses, bacteria, and fungi from the moment they're introduced to a facility.

CAPABILITIES



SYNEXIS PROVIDES...

- Continuous decontamination of occupied facilities without disturbing normal workflow
- Reduction of microbial threats such as viruses, bacteria and mold
- Sustainable, wide-area reduction of microbial contamination in out-of-reach areas
- Reduction of cross and recontamination of affected and non-affected areas
- Reduction of microbes that can cause hospital/community acquired infections
- Reduction of unpleasant odors and insects
- Identification of persistent contamination sources and development of comprehensive infection control strategies

DIFFERENTIATION OF (DHP) DRY HYDROGEN PEROXIDE



THE SOLE PROVIDER OF DRY HYDROGEN PEROXIDE GAS...

- 23 granted and pending United States patents for the deployment of DHP
- Synexis is the sole patent holder, manufacturer, & vendor of Dry Hydrogen Peroxide
- Synexis DHP is produced at **5-25 parts per billion** which is millions of times less than vaporized hydrogen peroxide and is safe for continuous use in occupied environments
- The Synexis system requires no labor commitment and has low operating/maintenance costs
- Dry Hydrogen Peroxide is naturally produced using the ambient humidity and oxygen already present in a facility

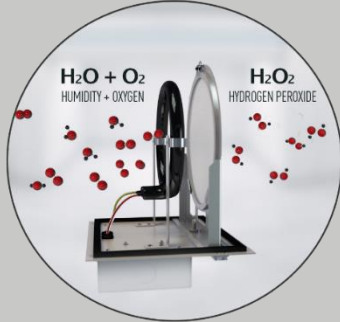
PERFORMANCE



SYNEXIS TECHNOLOGY IS CURRENTLY BEING USED TO...

- Mitigate organisms associated with Hospital Acquired Infections (HAIs) in healthcare
- Decontaminate and sustain the environmental hygiene of facilities in multiple industries including healthcare, animal health, agriculture, hospitality, government, and food service/production
- Reduce odors, mold, and insects in restaurants
- Remove contaminants which impact population health in poultry operations

Organism	Microbial Load (organisms/sq in)	Test Time (hr)	Reduction vs. Control
H1N1	1,120,000	1	99.80%
MRSA	100,000	6	99.53%
Black Mold	22,000	6	86%
C. Diff.	3,780,000	72	51%
Salmonella	187,000	6	99%



The Synexis Biodefense System has been effective against every species of dry microbe on which it has been tested.

SAFE FOR OCCUPIED SPACES... wide area of effect with H₂O₂ concentrations thousands of times less than our own respiratory system, and millions to billions of times less than aqueous H₂O₂.



DUNS: 828810130 **CAGE: 593A0**

NAICS CODES:

541620 – ENVIRONMENTAL CONSULTING SVCS

423450 – MEDICAL, DENTAL, AND HOSPITAL EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS

423490 – OTHER PROFESSIONAL EQUIPMENT AND SUPPLIES MERCHANT WHOLESALERS

541490 – OTHER SPECIALIZED DESIGN SVS

541690 – OTHER SCIENTIFIC AND TECHNICAL CONSULTING SVCS



BLAKE WOLF

ACCOUNT MANAGER

MOBILE: 940-923-6983

EMAIL: BWOLF@SYNEXIS.COM