

airocide®

NASA funded TiO<sub>2</sub> /PCO technology

A high-angle, blue-tinted photograph of the Earth's surface from space. The image shows a curved horizon line separating the dark, textured ground from the bright, glowing atmosphere. A bright light source, likely the sun, is visible in the upper right corner, creating a lens flare effect. The overall scene is dramatic and emphasizes the curvature of the planet.

"this technology was chosen for one simple reason..."

# Because in Space You don't get a second chance

## From the National Aeronautics and Space Administration

NASA had a problem. Plants were being grown on the Space Station and a technology was needed that would eliminate the ethylene gas they produced. The University of Wisconsin solved the problem with a unique air purification technology.

## NASA License Granted

NASA licenses patented technologies developed for the space program to companies for use in commercial applications. Such was the case in September 1997 when a manufacturer, KesAir Science & Technology, Inc. was awarded the license to commercialize NASA's Air Purification Technology. The following year the company began marketing the system under the brand names PCR biocide and AiroCide PPT to produce packers and grocery chains. Ethylene is the gas produced by plants that accelerates ripening. By destroying the gas, the shelf life of fruits and vegetables was significantly extended. Employing the NASA technology, florists reported they were able to extend the marketable life of cut flowers by at least ten days.

## VOCs Destroyed

Further testing demonstrated the technology was virtually 100% effective in destroying VOCs (Volatile Organic Compounds). VOCs are emitted by a wide array of products numbering in the thousands. Examples of products in the home include: paints, lacquers, paint strippers, cleaning supplies, pesticides, building materials, furnishings, other solvents, wood preservatives, aerosol sprays, cleansers, disinfectants, air fresheners, stored fuels, automotive products, hobby supplies even dry-cleaned clothing.

## Anthrax, Virus, Bacteria, Mold Spores, Allergens

The anthrax attacks in December of 2001, prompted the company to test to see if the technology would kill *Bacillus anthracis* as well as it destroys other microscopic organism. Using *B. thuringiensis*, a non-virulent cousin of the anthrax spore, lab tests confirmed the technology would be successful in eliminating even this lethal pathogen. Testing was subsequently expanded to encompass viral and bacterial matter along with pollen, dust mites and other biological pollutants with the same results.

## Healthcare Applies the Technology

In 2003 this NASA technology was introduced to hospital operating rooms, clinics, dental offices and other medical facilities in the Americas and Europe, as well as in childcare and prison facilities: locations where infectious diseases, viral, bacterial, and airborne allergens are problems. Follow-up studies demonstrated dramatic reductions in disease and allergen transmission wherever it was deployed. This NASA-developed technology has been shown to eliminate airborne pathogenic and non-pathogenic microorganisms in vegetative and spore states in a variety of commercial, government, and residential market applications including the medical healthcare industry.

## Airocide®

**AiroCide®** is the NASA-developed technology that eliminates airborne pathogenic and non-pathogenic bacteria, mold and fungi, viruses and dust mites, allergens, odors and harmful volatile organic compounds in medical facilities, residential whole-house installations as well as in the space-program.

## The Only Technology of its Kind that is Space Certified

Results from 12 years of scientific testing in the United States, field use on the Space Station, lab studies, case studies and customer testimonials are contained in this PROOF book. **AiroCide®** eliminates any biological material that comes in contact with its proprietary photocatalytic matrix, oxidizing the organic matter and releasing only molecules of water vapor and carbon dioxide. The proof is here. There is nothing comparable anywhere. **AiroCide® works!**

# AIROCIDE® Product Claims

- It is a totally unique product, unlike anything else in the marketplace
- Exclusive NASA–designed technology and the most difficult field test ever devised – in earth orbit. The only technology of its kind that is actually “space qualified” as certified by a panel of former astronauts
- This exclusive NASA-developed technology has undergone 12 years of testing in space, in hospitals, in operating rooms, in schools, in dental offices, in laboratories, in food processing and packaging plants and other bio-sensitive environments
- It is clinically proven to eliminate” airborne pathogenic and non-pathogenic microorganisms in vegetative and spore states (bacteria, mold and fungi, viruses and dust mites), antibiotic and biocide resistant “super-bugs” and allergens, on contact, as well as harmful volatile organic compounds
- Fan speed is calibrated to maximize air dwell time
- This proprietary technology – EXCLUSIVE TO AIROCIDE®, sanitizes air - the slower the air moves the cleaner it gets, with a microbiological elimination rate of 99.99997%
- Purifies the air in any environment
- It will not reintroduce contaminants into room atmosphere because it doesn't trap allergens, microbes, mold spores and dust mites, it eliminates them
- Generates only Clean Crisp Fresh Air
- AiroCide® is proven to extend the shelf life of produce, flowers, and grains.
- No Ozone emissions or other harmful by-products
- Low maintenance
- Self-cleaning
- No filters

# 12 Years of Intense Study

**AiroCide®** is air purification that works. We make this claim because we can. It is because we've spent over a decade testing and retesting that we are able to say – this system actually works where others merely pretend to work. This is a totally new way of doing things.

In this book you will find not just one, but three separate clinical studies<sup>1</sup> in the United States and one in Spain.

*AiroCide®*

1. Achieved a 300% reduction in airborne microbes
2. Generated no Ozone
3. Eliminated mycotoxins (100 times smaller than viruses)
4. Was found to be superior to the HEPA HVAC surgical air systems alone that are currently being used in hospitals.
5. Eliminated VOCs (volatile organic compounds) in test after test.

Why did we go through the cost and time to produce Clinical Studies? When your product actually works dramatically better than anything else (works the way *AiroCide®* does) proof of its effectiveness is worth the investment.

We did not rest on the evidence from the Clinical University Studies; we took the next step. We took the technology to some of the toughest real world environments that could be found and once again put it to the test.

These case studies show how revolutionary this technology really is. And they prove that even in environments that contain excessively high regeneration rates such as operating rooms, child care facilities, and doctors' offices, *AiroCide®* technology significantly reduces the bacteria and mold counts. See for yourself -

1. Surgery - Average results 73% reduction in bacteria and mold
2. Office – Average results 72% reduction in bacteria and mold
3. Households – Average results 75% reduction in bacteria and mold
4. Childcare Center – Average results 60% reduction in bacteria and mold
5. Dental Private Practices – Average results 81% reduction in bacteria and mold

No other air purifier has ever undergone this level of intense study. The question is, why not?

<sup>1</sup> A clinical study is a study with people that is designed to answer a question relating to the diagnosis, treatment, prevention, or course of a disease. The studies conducted surrounding the technology employed in *AiroCide®* were completed primarily at the University level. PCR biocide unit tested employed the identical NASA licensed technology as is in *AiroCide®*

**FOR MORE INFORMATION CLICK HERE**



2020

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**3625 KENNESAW N. INDUSTRIAL PKY**  
**KENNESAW , GA 30144**

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**Registrar Corp**  
144 Research Drive, Hampton, Virginia, 23666, USA  
Telephone: +1-757-224-0177 • Fax: +1-757-224-0179

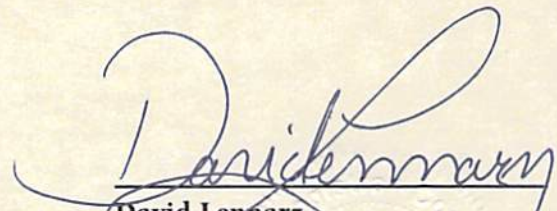
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**Registrar Corp**

144 Research Drive, Hampton, Virginia, 23666, USA  
Telephone: +1-757-224-0177 • Fax: +1-757-224-0179  
info@registrarcorp.com • www.registrarcorp.com

  
David Lennarz  
Executive Director  
Registrar Corp  
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