



Engineering Revolutionary Disinfectants
for the War Against Microbes



The Virox Mission

Since the beginning of time, human's deadliest foe has been the microbe.

Today, we are still at risk in critical environments from healthcare facilities to restaurants to the plants that process our food and water, to the contaminated surfaces in schools where our children learn.

While science has made enormous strides over the last century in our war against germs, now we face a new problem.

The very chemicals we have been using to fight microbes are causing environmental damage and threats to our health and safety.



Only now has it been possible to create systems that combine unmatched efficacy with environmental integrity and safety in application.

The mission of Virox Technologies is to equip the entire spectrum of global markets that are concerned with infection control with state-of-the-art antimicrobial technology in the war against germs. Our company is dedicated to the development, optimization, and adaptation of a fundamentally new approach to this challenge...an approach which has been validated and endorsed by the scientific community and which has been adopted by the market leaders in a broad range of industries.



We believe that there is no longer the need to compromise on efficacy of application, or to trade it off for either personal safety or environmental integrity. By harnessing the cleaning and disinfecting powers of hydrogen peroxide for the first time, Virox Technologies has developed a new standard of performance. The tools are here, and the time is now.

As a research-driven company, Virox currently sells branded and private label products, and partners with the market leaders in an array of industries, who have all validated the scientific claims and market acceptance of our patented technologies.



Virtually every surface in the world has the potential to serve as a reservoir for pathogens. Without cleaning, germs quickly spread... from food contact surfaces to the environmental surfaces of a hospital... from dental equipment to devices... from food processing machinery to virtually any inanimate object — not to mention the role human hands play in the spread of pathogens, anything that can be touched can be contaminated.

Therefore every commercial, industrial, institutional, and even residential environment is fraught with the danger of exacting the human and financial toll that results from the spread of infection.



Virox Technologies is poised to do battle against the microbe without endangering people or the environment.

In every case, the Virox logos representing the active ingredient, Accelerated Hydrogen Peroxide will be prominently displayed in order to build brand equity and customer confidence that is synonymous with the new standard in cleaning and disinfection. Virox is continuing to expand its business through the application of our technologies to new global markets, new applications, new industries, and new, proprietary product concepts.



Our History

1998

A group of visionary entrepreneurs acquired the rights to a technology that was 10 years in development. Virox developed a sound yet aggressive strategic plan and sought the resources to build on this technology. Accelerated Hydrogen Peroxide (AHP) is a stable cleaning and disinfecting solution with enhanced germicidal activity and accelerated performance.

Today

Virox has many industry leading partner companies who have acquired global rights for specific disinfection market segments including dental, veterinary, industrial, institutional, healthcare, education, animal health, aquaculture and medical device sterilization to name a few.

With several issued global patents and several more pending, Virox has become a valuable partner to our licence companies.





Cleaner

Faster

Safer

Responsible

Introducing:



The patented antimicrobial technology from Virox™

It has long been known that hydrogen peroxide can kill germs without being harmful to the user. However, up to now, this remarkable chemical has not been considered stable enough to be practical as the foundation for a system of commercial disinfectant cleaners. Virox scientists have now developed a way to put this chemical to work. Accelerated Hydrogen Peroxide (AHP) is a stable cleaning and disinfecting solution with enhanced germicidal activity that is not harmful to those who use it or to the environment.

Accelerated Hydrogen Peroxide

Virox Technologies Inc. has pioneered the broader acceptance of Hydrogen Peroxide based products with this patented technology known as Accelerated Hydrogen Peroxide (AHP). AHP is a synergistic blend of commonly used, safe ingredients that when combined with low levels of hydrogen peroxide produce exceptional potency as a germicide and performance as a cleaner. These claims are all backed with governmental registrations and extensive third party analysis.

An Approved & Validated Technology

- The benefits and efficacy of AHP have been validated by third party clinical studies conducted by scientific organizations and third party researchers that are recognized by government regulatory agencies in Canada, the U.S., and Europe.



- Virox AHP has received approvals from Health Canada (TPP), US EPA (Environmental Protection) and EU (European Union).
- Virox products are currently in use in major hospitals, school boards, food stores and long term healthcare facilities. They have proven successful in fighting VRE, MRSA and many other resistant organisms.

The Superiority of **ACCELERATED**[®] HYDROGEN PEROXIDE



The development of AHP represents the first real breakthrough in chemical germicides and cleaners in over 20 years. These AHP formulations are not mere substitutes for current technologies. They are a truly new technology with demonstrable superiority in a number of key features.

AHP products are superior in 6 essential areas:

Efficacy

AHP has proven cleaning efficacy in excess of 86% per CAN/CSGB-2.16 and 2.11 compared to 15% for Quats.

Speed

Contact Time – AHP can disinfect in 1 minute (ten times faster) than what many Quat-based products take 10 minutes to accomplish.

Cleaning

Efficiency – AHP delivers exceptional cleaning performance in less time.

Residue – AHP does not leave any active ingredient residue on surfaces, a critical factor especially in food and beverage cleaning applications.

Safety

Toxicity – AHP is non-toxic

Irritation – AHP is non-irritating to skin and eyes

Corrosivity – AHP is non-corrosive

Environmental Impact

AHP is 100% biodegradable in minutes when discharged into a drainage system. AHP only contains ingredients that are considered environmentally preferable and sustainable. Further AHP is certified by leading safety boards as "Green" including Green Seal, GreenGuard, EcoLogo...

Cost Effectiveness

AHP delivers exceptional performance, saving labor and protecting the customer from the direct and indirect costs associated with sub-standard cleaning and disinfection.



Market Leaders
Depend on Virox™



A Universe of Market Applications

Virox has worked with a number of leading global corporations to assess the potential of Accelerated Hydrogen Peroxide. Exhaustive testing has validated the superiority of AHP products in cleaning and disinfection and the ability to deliver these benefits in a cost effective and safe manner without any environmental negatives.

According to industry experts, this unique product will dramatically redefine the standards of performance across a wide range of consumer and institutional/ industrial applications.



HEALTHCARE

Hard surface disinfection, medical instrument pre-soak and disinfection, equipment disinfection

ANIMAL HEALTH

Sanitizers, teat dips & hoof treatments, premise disinfectants

DENTAL

Surface disinfection, instrument disinfection

JANITORIAL

Enhanced cleaning formulas, carpet sanitizing, surface disinfection

FOODSERVICE

No rinse sanitizing of food prep areas and third sink applications, fruit & vegetable pre-rinse, shelf life enhancers

INDUSTRIAL

Safer degreasers, biocides to control contamination, evacuation line cleaners, cold soak chemosterilants

FOOD & BEVERAGE PROCESSING

No rinse sanitizers for CIP & COP applications

PERSONAL CARE

Formulated hand soaps, surgical scrubs, one-step no-rinse gels, patient pre-op scrub

CONSUMER

Surface disinfection, kitchen and bathroom disinfection/cleaning, air sanitation, mold & mildew remover



AQUACULTURE

Environmental surfaces (walls and countertops), equipment (hatchery tanks, graders, vaccination equipment, vehicles, nets) and footbaths

Organizational Strength and Commitment



World Class Research & Development

Virox™ has assembled an experienced, skilled group of managers and R&D professionals with a proven record of new product development. Our state-of-the-art on-site laboratory is fully equipped to create new products, work on partner-sponsored research and ensure quality operation. The R&D group has long-term relationships with agencies that can test and validate the enhancements of the Virox formulae.



Full Service Quality Manufacturing

Virox is a full service manufacturer focused exclusively on Hydrogen Peroxide-based products. The Virox plant has a dedicated quality control laboratory and personnel to enforce rigid quality control standards. Quality begins with scrupulous vendor selection, testing of incoming raw materials, ongoing employee training programs, constantly improving plant procedures and testing of finished products.



Virox Technologies Inc is a Health Canada licensed establishment which operates as per GMP (Good Manufacturing Practices) Guidelines from HPFBI (Health Products & Food Branch Inspectorate). Virox operates under accredited GMP procedures (Good Manufacturing Practices) and holds establishment licences from Health Canada and the US EPA as well as the US FDA.

Business Development

In addition to our technical expertise, Virox Technologies has developed the research, sales, marketing, professional & technical services and management capabilities to adapt and commercialize its technologies in conjunction with market leaders to develop commercial opportunities throughout the \$20+ Billion Global Market for Cleaning and Disinfection products. Our core priorities are to:

- Provide a superior, responsive, product development capability.
- Expand the application of existing products and technology into new end-user markets.
- Continually innovate solutions that anticipate customer needs and adhere to regulatory guidelines.
- Maintain a business platform that is built on credibility, third-party validation, the endorsement of the professional and academic communities, peer-review documentation and fact-based claim marketing.
- Key influencer marketing to gain awareness with opinion leaders and trials leading to endorsement and acceptance, currently Virox AHP is the focus of no fewer than 10 favorable peer-reviewed studies authored by prominent infection control experts and published in leading journals in several industries.

Getting Our Message Out

Virox Technologies In the Public Eye

Virox Technologies has always endeavored to spread our indepth technical knowledge sharing it with the ones who need it the most — those charged with infection control accountability.

By constantly creating advertisements which target these individuals, we continually move closer to achieving that goal.

Contact Us Today

To learn more about Accelerated Hydrogen Peroxide (AHP) such as peer-reviewed articles, efficacy reports, protocols, technical documents and endorsements or to find a product to suit your needs please visit www.virox.com or call 1-800-387-7578.

Bare witness to the rebirth of foot care.

ACCELERATED HYDROGEN PEROXIDE

A faster and safer approach to the decontamination of surfaces and devices.

Foot care infections can result from microorganisms left on instruments due to improper cleaning & disinfection according to Health Canada Infection Control guidelines (Foot Care by Health Care Providers, Dec. 1987)

Accelerated Hydrogen Peroxide (AHP) provides complete disinfection of all surfaces and instruments that need to be cleaned & disinfected during foot care procedures.

Accelerated Hydrogen Peroxide (AHP) is the most powerful oxidizing disinfectant available. It is safe to use on all surfaces and instruments. It is also safe to use on skin. It is also safe to use on clothing. It is also safe to use on food. It is also safe to use on your car. It is also safe to use on your house. It is also safe to use on your dog. It is also safe to use on your cat. It is also safe to use on your fish. It is also safe to use on your plants. It is also safe to use on your garden. It is also safe to use on your lawn. It is also safe to use on your driveway. It is also safe to use on your sidewalk. It is also safe to use on your porch. It is also safe to use on your deck. It is also safe to use on your patio. It is also safe to use on your pool. It is also safe to use on your hot tub. It is also safe to use on your spa. It is also safe to use on your car wash. It is also safe to use on your garage. It is also safe to use on your basement. It is also safe to use on your attic. It is also safe to use on your roof. It is also safe to use on your gutters. It is also safe to use on your downspouts. It is also safe to use on your windows. It is also safe to use on your doors. It is also safe to use on your walls. It is also safe to use on your floors. It is also safe to use on your ceilings. It is also safe to use on your furniture. It is also safe to use on your electronics. It is also safe to use on your books. It is also safe to use on your papers. It is also safe to use on your clothes. It is also safe to use on your linens. It is also safe to use on your bedding. It is also safe to use on your towels. It is also safe to use on your bath mats. It is also safe to use on your shower curtains. It is also safe to use on your toilet brushes. It is also safe to use on your mop heads. It is also safe to use on your brooms. It is also safe to use on your vacuum cleaners. It is also safe to use on your lawnmowers. It is also safe to use on your trimmers. It is also safe to use on your blowers. It is also safe to use on your generators. It is also safe to use on your power tools. It is also safe to use on your equipment. It is also safe to use on your machinery. It is also safe to use on your vehicles. It is also safe to use on your boats. It is also safe to use on your RVs. It is also safe to use on your campers. It is also safe to use on your trailers. It is also safe to use on your horse trailers. It is also safe to use on your dog trailers. It is also safe to use on your cat trailers. It is also safe to use on your bird trailers. It is also safe to use on your reptile trailers. It is also safe to use on your amphibian trailers. It is also safe to use on your insect trailers. It is also safe to use on your mammal trailers. It is also safe to use on your bird trailers. It is also safe to use on your mammal trailers. It is also safe to use on your bird trailers. It is also safe to use on your mammal trailers.

VIROX www.virox.com
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IN CASE OF EMERGENCY

ACCELERATED HYDROGEN PEROXIDE

SECURITY. CONFIDENCE. ASSURANCE.
OUTBREAK MANAGEMENT BREAKS THE CHAIN OF INFECTION.

Accelerated Hydrogen Peroxide (AHP) is the most powerful technology of those whose essential elements are required and whose outbreaks occur. Visit the www.virox.com for information on products, protocols, literature, support documents and endorsements, or call 1-800-387-7578.

VIROX
Engineering Revolutionary Disinfectants for the War Against Microbes.

Canadian-US Partnership a "Clean" Sweep for 2006 Business Achievement Award

Virox Technologies and JohnsonDiversey recognized for cross-border collaboration on green disinfectants for healthcare use.

CABC
Canadian-American Business Council Award

JohnsonDiversey **VIROX** **GREEN DISINFECTANTS FOR HEALTHCARE USE**

VIROX TECHNOLOGIES INC.

At Your Service!

Virox Technologies Inc. is committed to providing educational opportunities for the one special group to all who are concerned about infection control.

The Professional Infection Services (PIS) team at Virox is committed to ensure the best in collaboration with the Infection Control Community through clinical studies including the development of protocols and other practical educational training on topics such as microbiology, disinfection, decontamination and product usage.

If you are interested in learning more about the PIS team at Virox or our collaboration with your facility please contact Nicole Koney at 1-800-387-7578 x438 or via email at nkoney@virox.com or visit the Infection Control Resource page on www.virox.com.

VIROX **JohnsonDiversey**
Engineering Revolutionary Disinfectants for the War Against Microbes.
www.virox.com

Norwalk Nightmare!

STRONG ENOUGH to fight an OUTBREAK! **SAFE ENOUGH for EVERY DAY USE!**

ACCELERATED HYDROGEN PEROXIDE

Disinfectant and Antiseptic Classes

SAYS WHO?

Environmental Choice Program, the gold standard for selection and certification of environmentally preferable products has approved Accelerated Hydrogen Peroxide as the first Ecology approved disinfectant cleaner.

Infection Control with Confidence!

VIROX
Engineering Revolutionary Disinfectants for the War Against Microbes.
www.virox.com

Decisions, Decisions... **NOW EPA Approved!**

EFFICACY ←

SAFETY →

BOTH ↓

ACCELERATED HYDROGEN PEROXIDE

WHY NOT CHOOSE BOTH!

Accelerated Hydrogen Peroxide (AHP) provides the perfect balance between safety and efficacy.

To learn more about AHP please visit www.virox.com or call 1-800-387-7578.

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