



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 of contracting disease from healthcare facilities to restaurants to the plants that process our food, to the contaminated surfaces in schools where our children learn.

Chemical disinfectants are the first line of defence as we focus on prevention, conceding that cures are costly and at times not the answer. 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.

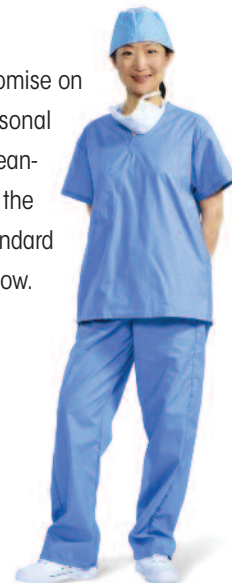
Only now has it been possible to create systems that combine unmatched efficacy with environmental integrity and safety in application.

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.



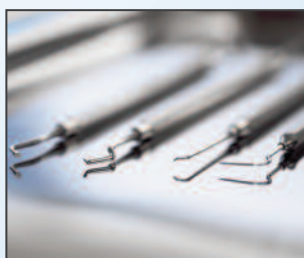
We believe that there is no longer the need to compromise on efficacy of application, or to trade it off for either personal safety or environmental integrity. By harnessing the cleaning and disinfecting powers of hydrogen peroxide for the first time, Virox Technologies has developed a new standard of 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 through its patented Accelerated Hydrogen Peroxide (AHP) disinfection technology.



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 now known as Accelerated Hydrogen Peroxide (AHP).

Today

Virox has many industry leading partner companies who have acquired global rights for specific disinfection market segments including (but not limited to) dental, veterinary, industrial, institutional, healthcare, education, animal health, aquaculture, hand care, consumer products and medical device sterilization to name a few.

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

Virox has received many awards in recognition of our economic and environmental sustainability. Some highlights include:

- Champion Status for the Safer Detergents Stewardship Award (SDSI) awarded by the EPA's Design for the Environment (DfE).
- Canadian/American Business Council Award – Virox and Diversey were awarded the prestigious Business Achievement Award for their collaboration in developing and distributing a safe and environmentally friendly hydrogen peroxide-based disinfectant.



Cleaner
Faster
Safer
Responsible



Introducing:

ACCELERATED[®] HYDROGEN PEROXIDE

The multipatented 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 disinfecting solution with enhanced germicidal activity that is not harmful to those who use it or to the environment.

AHP[®] Accelerated Hydrogen Peroxide

Patented 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., Europe, and Asia.
- Virox AHP has received approvals from Health Canada (TPP), US EPA (Environmental Protection Agency), US FDA (Food and Drug Administration), EU (European Union) and China.
- AHP has been the subject of more than twelve favourably written peer reviewed scientific studies in journals such as the American Journal of Infection Control (AJIC) and Infection Control Today.
- The global partners of Virox are leaders in their respective sectors. Their due diligence in selecting AHP as their infection control platform is a testimony to the strength of our Intellectual Property and sustainability of the technology.

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



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

Broad Spectrum Efficacy –

Products are formulated to kill spores, mycobacterium, fungus, non enveloped viruses (Norwalk), enveloped viruses (HIV), vegetative and non vegetative bacteria.

Speed

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

Cleaning

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

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

Hydrogen Peroxide 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 labour and protecting the customer from the direct and indirect costs associated with sub-standard cleaning and disinfection.



Market Leaders
Depend on Virox™



Bayer HealthCare
Animal Health



STERIS®



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 technology will dramatically redefine the standards of performance across a wide range of applications requiring disinfection.



HEALTHCARE

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

DENTAL

Surface disinfection, instrument disinfection

FOODSERVICE

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

FOOD & BEVERAGE PROCESSING

No rinse sanitizers for CIP & COP applications

CONSUMER

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



ANIMAL HEALTH

Sanitizers, teat dips & hoof treatments, premise disinfectants, bathing and grooming systems

JANITORIAL

Enhanced cleaning formulas, carpet sanitizing, surface disinfection

INDUSTRIAL

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

PERSONAL CARE

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

PROFESSIONAL BEAUTY

Workstations, foot spas and implement cleaners and disinfectants

AQUACULTURE

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

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.

Our spirit of Open Innovation means we leverage the expertise of all our partners with a view to optimizing AHP.



Organizational Strength and Commitment



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 12 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 endeavoured 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**.



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Experts in Chemical Disinfectants for Infection Prevention



Virox Technologies Inc is committed to providing educational opportunities to our partners, distributors, and end users in all areas pertaining to infection control. The Professional & Technical Services (PTS) team at Virox is a consulting resource that Infection Control Practitioners, Public

Health Inspectors and Nurses, Environmental Services Personnel and our Distributor Sales Reps can access information pertaining to decontamination of environmental surfaces, medical devices and hands. PTS are specialists in disinfectant chemistries, microbiology, environmental cleaning and disinfection protocol creation and in-service product training. The PTS group provides services to conduct cleaning and disinfection training seminars at Infection Control and Public Health conferences. PTS provides other educational opportunities to benefit the Infection Control Community such as Webber Training Teleclasses, Infection Control Today Webinars, the annual CHICA-Canada Virox Patron Member Scholarship Fund and works with facilities to conduct clinical trials on products or research studies such as the role of surface disinfection in minimizing Hospital Acquired Infections.