

VIROX TECHNOLOGIES INC.

CEO RANDY PILON

With the winter season well underway, along with the snow comes the dreaded onslaught of sniffles, coughs, and flu symptoms in offices, classrooms, gyms, and well, pretty much anywhere a group of people are gathered. This is the time when Canadians are extra cautious about avoiding germs through whatever means possible.

For Oakville business and chamber member, Virox Technologies, preventing the spread of microbes is their goal all year long. Their patented technology, Accelerated Hydrogen Peroxide (AHP), is the active ingredient in disinfecting solutions across a spectrum of industries in need of state-of-the-art antimicrobial technology such as healthcare, dental, animal health, industrial, personal care, and foodservice.

In 1998, a group of visionary entrepreneurs acquired the rights to a technology that was ten years in development. One year later, Virox sought the resources to build on this technology to develop what is now known as AHP. Today, the disinfectant is used in 75% to 80% of hospitals in Canada, was the Ministry of Health choice during the SARS outbreak, and is available in more than 60 countries around the world through licensed products by companies like Procter & Gamble, Diversey, Steris, Deb, Bissell, Bayer and SciCan.

What makes AHP so unique? After all, hydrogen peroxide is just a common household product sold in pharmacies everywhere. "It's a synergy of safe and, in most cases, food

approved chemicals combined with hydrogen peroxide that not only disinfects but doesn't have the volatility and negative environmental impact of traditional disinfectants," says Virox founder and CEO Randy Pilon.

Using hydrogen peroxide, alone, as a disinfectant has challenges due to its inability to remain stable and to act effectively over a long period of time. However, blended with Virox's patented synergy of ingredients, the peroxide is stabilized and its activity accelerated (hence the name, Accelerated Hydrogen Peroxide.) Contrary to what most people assume, traditional disinfectants (that have been around for decades) do not eliminate germs on contact. In fact, it can take up to ten minutes to eliminate the targeted "bug." This means the solution would need to be reapplied 5-7 times to achieve the intended result. AHP, however, has a one-minute contact time – providing full terminal disinfection in a single application.

AHP is safe for both humans and the environment. It does not leave any active ingredient residual on surfaces and is non-toxic. There are no precautionary labels requiring users to wear gloves or goggles.

And, it is 100% biodegradable meaning AHP can safely be poured down the drain. In fact, Virox is the first chemical manufacturer in Canada capable of developing EcoLogo and Green Seal Certified products, while manufacturing them in a LEED Silver certified facility.

With its powerful cleaning and disinfecting properties, AHP creates a new standard of performance that is welcomed in the many industries where cleanliness and infection control are essential. And, during these winter months where the latest flu bug so easily multiplies, all of us can feel a little more at ease knowing that Oakville's Virox Technologies is working at the frontlines of this battle, not only locally but across the globe.

