



Battling Germs that Keep Getting Stronger

99% may be a great mark in school, but it's a failing grade in infection control!

CBC News

ABSTRACT

Battling Germs That Keep Getting Stronger, an article appearing on www.cbc.ca, highlights the emergence of antibiotic resistant organisms (AROs) in the community and the potential role certain antibacterial products play in the development of such resistance. AHP surface disinfectant cleaners exhibit broad spectrum germicidal efficacy in rapid and realistic contact times. Hydrogen Peroxide, the active ingredient in Accelerated Hydrogen Peroxide® (AHP®), does not remain on the surface once it has dried, hence it does not provide the opportunity for bacteria to develop resistance to it. Therefore, AHP surface disinfectant cleaners can be used safely and effectively to reduce bacterial contamination on surfaces.

BACKGROUND

Antibacterial wipes are ubiquitous in today's home, workplace and public areas. They have become a quick and convenient means to protect oneself from picking up germs from a surface. By and large, their usage has come to replace good cleaning standards or practices. However, researchers are now suggesting that certain antibacterial products are not truly effective at killing sufficient levels of bacteria on the surface. Typically, these products exhibit limited germicidal efficacy – 99% bacterial kill vs. hospital grade disinfection of 99.9999% - in long, unrealistic contact times (ie. 10 mins). While the mechanical action used to wipe the surface will remove some bacteria, a significant number of organisms are left behind to survive, proliferate and potentially evolve to become resistant to the antibacterial active ingredient. Quite often this ingredient is triclosan, a weak antibacterial agent.

The key to mitigate this risk is to utilize effective disinfectants in situations that require them, or good mechanical cleaning in lower risk environments. Disinfectants that achieve effective bactericidal efficacy in a rapid and realistic contact time, while not leaving an active residual on the surface after application, will remove the opportunity for any bacteria to develop resistance to them. Likewise, good effective cleaning with soap and water will often achieve the same reduction of bacteria on the surface as weak antibacterial products, without creating the potential for resistance development.

IMPLICATIONS FOR AHP

AHP Disinfectants are One-Step Disinfectant-Cleaners

- AHP has proven cleaning efficiency resulting in lower costs and faster results as well as added confidence that disinfection can occur

AHP Disinfectants provide the perfect balance between safety and efficacy

- AHP is designed to be easier on employees and occupants resulting in protocol compliance
- AHP provides a HMIS rating of "0", meaning it has been proven to be non-toxic, non-irritating to eyes and skin and non-skin sensitizing and does not require the use of personal protective equipment to handle

AHP Disinfectants are environmentally sustainable

- AHP's active ingredient, hydrogen peroxide, breaks down into water and oxygen leaving no active residues
- AHP is formulated to ensure that it will not negatively impact indoor air quality and has been approved as an asthma-safe product

AHP Disinfectants have realistic contact times

- Short contact times ensure surfaces remain wet for the required contact time, providing comfort and confidence that disinfection has occurred

AHP Disinfectants are compatible

- AHP formulations are tested to ensure compatibility that preserve your investments in equipment, furniture and building surfaces by reducing corrosion and wear

REFERENCE

To view the whole article, visit the link below

<http://www.cbc.ca/news/technology/battling-germs-that-keep-getting-stronger-1.781633>