



Accelerated Hydrogen Peroxide® (AHP®) versus Bleach

AHP® removes the need to compromise between efficacy and safety by providing a balance between killing a broad spectrum of pathogens while remaining gentle for users, animals, materials and the environment.

- AHP® is essentially non-toxic and non-irritating (in use solution) and does not require the use of Personal Protective Equipment (PPE), giving assurance that animal and human health will not be jeopardized
- AHP® is proven effective in a soil challenge and does not require pre-cleaning in order to remain active, saving time and money in environments that require quick turnover
- AHP® is biodegradable. Hydrogen Peroxide breaks down into water and oxygen reducing environmental impact

KEY PRODUCT CHARACTERISTICS:

Unlike Bleach, AHP® is non-toxic at the in-use dilution protecting users from adverse health effects such as Occupational Asthma. AHP® offers a greater spectrum of efficacy against pathogens of concern in realistic contact times without the need to pre-clean surfaces, saving time in fast paced environments.

	Accelerated Hydrogen Peroxide®	Bleach
Active Ingredient	0.5%-4.25% Hydrogen Peroxide	5.25% to 8.25%
In Use Concentration	330 ppm – 5000ppm	525ppm – 5000ppm
Shelf Life	2 - 3 Years (Concentrate or Ready to Use) 30 - 90 Days Diluted	24 hours Diluted

CLEANING EFFECTIVENESS:

AHP® utilizes both anionic and non-ionic surfactants within its formulation. Anionic surfactants have superior cleaning abilities as the electrical charge of anionic surfactants interacts better with soil particles allowing for easier removal. In addition, non-ionic surfactants help in preventing redeposition of soils that have been lifted off the surface.

	Accelerated Hydrogen Peroxide®	Bleach
Contains Surfactants	Yes (anionic and non-ionic)	No

EFFICACY PROFILE:

AHP® products have been proven effective against a broad-spectrum of pathogens, giving you confidence that your facility is protected against pathogens of concern.

	Accelerated Hydrogen Peroxide®	Bleach
Broad-Spectrum Sanitizer	Yes	Yes





	30 seconds – 3 minutes	1 minute
Bactericidal	Yes 1 minute - 5 minutes	Yes 5 minutes – 10 minutes
Enveloped Viruses	Yes 30 seconds - 5 minutes	Yes 5 minutes – 10 minutes
Non-Enveloped Viruses	Yes 30 seconds - 5 minutes	Yes 5 minutes – 10 minutes
Fungi	Yes 30 seconds - 5 minutes	Yes 5 minutes – 10 minutes

TOXICITY PROFILE:

AHP® formulations have proven to be essentially non-toxic and non-irritating (in use solution) which gives assurance that animal and human health will not be jeopardized. Bleach has been known to cause respiratory irritation which can lead to occupational asthma.

	Accelerated Hydrogen Peroxide®	Bleach
Personal Protective Clothing	In Use: PPE Not Required	In Use: Goggles and Gloves
Essentially Non-Irritating to Eye at the Use Dilution	Yes	No
Essentially Non-Irritating to Skin at the Use Dilution	Yes	No
Lowest EPA Inhalation Toxicity Rating at the Use Dilution	Yes	No

ENVIRONMENTAL PROFILE:

The active ingredient in all AHP® formulations are biodegradable, as hydrogen peroxide breaks down into water and oxygen reducing environmental impact and improving the environment for animals and those who care for them.

	Accelerated Hydrogen Peroxide®	Bleach
VOC Free	Yes	Yes
Environmentally Preferred	Yes	No





The Accelerated Hydrogen Peroxide® (AHP®) branded technology is manufactured by Virox Technologies Inc.
2770 Coventry Road, Oakville, Ontario, L6H 6R1 Canada
ViroxAnimalHealth.com