

# The Midwest Disinfecting System

## FREQUENTLY ASKED QUESTIONS

### Do we have products that can be recommended for use for COVID-19 disinfection?

- > PROXITANE® AHC has been approved by the EPA for inclusion on List N: Disinfectants for Use Against SARS-COV-2, the virus that causes COVID-19.
- > EPA registration is an important process that ensures products work as claimed and users are provided directions that, when followed, achieve the intended functions, e.g., disinfection, while preventing unreasonable adverse health and environmental consequences.
- > EPA only registers disinfectants that can be used effectively against the novel coronavirus on surfaces. Non-registered products may not effectively eliminate the virus or reduce the spread of the virus and could even be harmful to consumers' health.
- > Consumers should refer to "List N" for EPA-registered disinfectants that the agency has determined to be safe and effective against the novel coronavirus.

### What is PROXITANE® AHC?

- > PROXITANE® AHC is an EPA registered (EPA Reg # 68660-11) broad spectrum liquid disinfectant concentrate that is effective against bacteria, viruses and fungi.
- > Product has 5% peracetic acid and 23% hydrogen peroxide as active ingredients. It also contains 1% surfactant (detergent). The balance is water.
- > Inclusion of the detergent ensures good liquid contact with both hydrophobic (plastic) and hydrophilic (metal) surfaces. Good contact is critical in ensuring good coverage and effective disinfection. Having the detergent also helps solubilize/remove dirt, thus removing contaminants that could inhibit disinfection.
- > This product is sold as a concentrate. To use, the product is heavily diluted 320X in water and applied to hard surfaces (2oz in 5 gallons). To disinfect, product is left on surface for minimum of 10 minutes. Product is for commercial and industrial use.

### I have heard of hydrogen peroxide, but what is peracetic acid?

- > Peracetic acid is formed when you mix hydrogen peroxide and acetic acid (do not try at home/must only be done by experts in a controlled setting). Think of peracetic acid as vinegar with an extra oxygen molecule.
- > Once placed on a contaminated surface, the oxygen is released from the peracetic acid molecule, attacking and killing the organism (through oxidation). All that remains is vinegar.
- > Organisms have no known biological resistance to peracetic acid.

### What instructions should I follow if treating for COVID 19?

- > Refer to the PROXITANE® AHC product label and follow the instructions for virus disinfection.

### Where can PROXITANE® AHC be used?

- > PROXITANE® AHC can be used in commercial, institutional and industrial environments. Places such as (but not limited to) schools, colleges, industrial facilities, dietary areas, office buildings, recreational facilities, retail and wholesale establishments, pharmaceutical and cosmetic manufacturing facilities, animal hospitals, veterinary clinics, animal life science laboratories, kennels, kennel runs, cages, feeding and watering equipment, pet shops, zoos, pet animal quarters, poultry premises, trucks, hatcheries and livestock quarters.

### What surfaces can PROXITANE® AHC be applied to?

- > Proxitane AHC solutions can be applied to many different surfaces including floors, walls and other nonporous surfaces, including tables, chairs, countertops, garbage cans, garbage bins, bathroom fixtures, sinks, bed frames, shelves, racks, carts, refrigerators, coolers, glazed tile, linoleum, vinyl, glazed porcelain, plastic (e.g., polypropylene and polyethylene), stainless steel and glass. Avoid brass and carbon steel.
- > The solution has been applied to many surfaces and equipment without issue or complaint.

### What is the best way to dispense PROXITANE® AHC?

- > Pumps for use with PROXITANE® AHC should be constructed of stainless steel or polytetrafluoroethylene (PTFE).
- > Any of the following types of pumps are suitable:
  - Single diaphragm metering pumps with compatible hydraulic fluids
  - Double diaphragm metering pumps with compatible hydraulic fluids
  - Centrifugal pumps
  - Gear pumps

... continued on reverse.



- > Recommended materials of construction:
  - Aluminum - 99.5% minimum purity alloys with the following Aluminum Association designations: 1060, 1260, 5254, 5652 or 6063
  - Stainless steel types 304, 304L, 316, 316L
  - Chemical glass
  - Chemical ceramic
  - Polytetrafluoroethylene (PTFE)
  - Polyvinylidene Fluoride (PVDF)
  - Viton or FKM

### How do I apply PROXITANE® AHC?

- > PROXITANE® AHC, once diluted, can be applied via wiping, mopping or spraying to the surface you are treating.
- > PROXITANE® AHC solution is approved for room/area fogging. To fog, follow the fogging directions on the label.

### Does PROXITANE® AHC make lots of bubbles/suds?

- > Although the product does contain a detergent, the dilute use solution will not create a lot of bubbles. Any bubbles formed will dissipate quickly.
- > What you will notice is the product spreads very well across different surfaces. Intention for the included soap is to ensure good contact between the chemical and the surface (plastic or metal) to allow for proper disinfection.

### Do I need to prewash or post-wash the surfaces before/after disinfection?

- > No prewash or post-wash is required.
- > If the surface is heavily contaminated with dirt, it would be recommended to clean/spray down the surface and remove the heavy dirt buildup prior to disinfection.
- > Post treatment, there is no requirement to wash the surface after, and you can allow it to drain/dry.

### Does PROXITANE® AHC leave a visible residue?

- > The active ingredients in PROXITANE® AHC break down into acetic acid (vinegar), water and oxygen — leaving no harmful pesticide residue.
- > The product does not leave any visible residue.

### Can PROXITANE® AHC be used around food?

- > PROXITANE® AHC solution should not come in contact with food. Before applying, protect all food products and food packaging materials. Allow surfaces to dry before reintroducing food.

### How does PROXITANE® AHC compare to other disinfectants?

- > PROXITANE® AHC is very similar in hazard class to other disinfectants on the market such as Quaternary Disinfectants and Sodium Hypochlorite (bleach).
  - In the concentrated form, all products are corrosive and carry the signal word "Danger."
- > PROXITANE® AHC and Quaternary Disinfectants also carry the exclamation point and flame over circle pictograms. See below.
  - Once diluted, PROXITANE® AHC no longer requires hazard pictograms or signal word, indicating it is a safe chemical to use.
  - Both Quaternary Disinfectants and bleach are still required to carry a signal word reading "Caution" and the GHS exclamation point pictogram in their dilute forms.

### Does PROXITANE® AHC smell?

- > PROXITANE® AHC does have an odor in its concentrated form — it smells like vinegar.
- > Once diluted, the smell is much more mild and dissipates quickly.
  - Keep in mind that many disinfectants smell (e.g., bleach); we have just been conditioned to accept this smell.

### Where can I use PROXITANE® AHC in the US?

- > PROXITANE® AHC is registered for use in all 48 contiguous states.

### Can I use PROXITANE® AHC in Canada?

- > The Canadian government is allowing EPA-registered products, on the List N: Products with Emerging Viral Pathogens and Human Coronavirus claims for use against SARS-CoV-2 to be brought into and sold into Canada without Canadian equivalent labelling until the situation ends.
- > Since PROXITANE® AHC has been approved by the EPA for inclusion on List N: Disinfectants for Use Against SARS-COV-2, the virus that causes COVID-19, it should be given approval to be brought into Canada.
- > An application for PROXITANE® AHC has been submitted and we are waiting for final approval.

**TO ORDER, CALL Eric Vantiegham at (800) 839-8005 or EMAIL [Eric.Vantiegham@midwestind.com](mailto:Eric.Vantiegham@midwestind.com).**