



Applications for Hypochlorous Acid





Dentistry

HOCl is used to sanitize dental water lines and equipment. It can be a mouthwash alternative to chlorhexidine. It is cold-fogged in offices to remove viricidal aerosols created by dental tools and patients.



Veterinarians

Vets can use hypochlorous acid as a topical antibiotic for wound care and as a disinfectant for medical tools. HOCl can be sprayed or fogged in dog runs, stables, barns, and feed lots to prevent pathogens.



Professional Cleaners

Hypochlorous acid is an all-purpose disinfectant that can replace bleach in commercial cleaning applications. It can be cold-fogged in vehicles or used to clean laundry, biofluid spills, remove odors, and dissolve hard water stains.



Food Industry

Restaurants use HOCl for front-of-house disinfection and as a leave-on sanitizer for dishes and fresh produce. Meat packing and bottling plants spray HOCl on their product to prevent bacterial growth.



Agriculture

Greenhouses run hypochlorous acid through water lines to eliminate biofilm. It can be sprayed on crops to prevent fungal/viricidal growth and added to hydroponic water systems to control fungi.



Health Care

Medical professionals use hypochlorous acid as a wound antiseptic. It can be used to treat eye infections, skin conditions, and for post-operative care. It is also a powerful, non-toxic disinfectant for hospitals and medical offices.



Dairy and Cattle Industry

Dairies run hypochlorous acid through their water lines to eliminate biofilm, sanitize tanks, and to treat disease. It can also be applied topically to treat mastitis and wounds. Feed lots could fog HOCl to control pathogens in large areas.



Hospitality and Travel

Many major airlines fog their planes with HOCl between flights to kill pathogens. Hotels, taxi drivers, and B&B's can use hypochlorous acid to safely sanitize between guests and reduce the spread of viruses.

