

What is MediSpec Sanitiser/Disinfectant

Anolyte (Electrolyzed Water) is an antimicrobial solution formed from naturally occurring elements, with its key active ingredient being Hypochlorous acid (HOCl).

HOCl is synthesized from an electrolyzed solution of salt and water, creating a concentrated electro-chemically activated solution rich in oxygen, in which pathogens such as bacteria and viruses cannot survive. This makes it the perfect weapon to fight germs, yet it is 100% safe for humans, chemical free, non-toxic and all-natural.

What are the advantages?

- Our product contains 0.05% HOCL which is 500PPM
- A pH neutral solution (pH between 6.5 and 7.3)
- A high ORP solution (ORP above +900mV)
- Can be diluted in strength to suit an array of specialised applications.
- Has proven not to corrode stainless steel processing equipment.
- Has proven to be up to 100 times more effective than sodium hypochlorite (used in bleach).
- Non-allergenic, non-sensitizing relative to chemical disinfectants and preservatives
- KILLS more than 99.99% of bacteria, viruses & germs

Know the Difference between Cleaning, Disinfecting, and Sanitizing

The primary purpose of cleaning is to get rid of germs, dirt, and impurities from surfaces. During cleaning, you use clean water and soap/detergent to remove bacteria from surfaces. Keep in mind that cleaning doesn't necessarily kill germs, but it lowers the risk of infection significantly.

Disinfection is meant to kill germs and viruses that may be lurking on surfaces. During disinfection, service experts will use chemicals to kill germs and viruses that may be lurking on surfaces.

However, disinfection doesn't necessarily clean dirty surfaces, but by disinfecting your surfaces after cleaning, you lower the risk of infection.

Finally, sanitization lowers the number of germs and viruses on your surfaces to a relatively safe level as recommended by public health experts. Sanitization cleans and disinfects the surfaces to lower the risk of infection.

How does Anolyte and HOCl compare?

Bleach is widely used in hospitals and medical practices and shares the same chlorine family as HOCl. Research shows that they both kill bacteria, fungus, spores, and viruses. Yet bleach is highly irritating to the eyes, skin, and lungs—and inhalation over long periods could be carcinogenic. In contrast, HOCl has a temporary and mild chlorine smell that dissipates quickly, it is non-irritating, and it does not have poisonous side effects.

Alcohol is a popular disinfectant to use in a clinic for wiping down instruments, furniture, and is a key ingredient in hand sanitizers. Ethyl alcohol (70%) is considered more effective compared to isopropyl alcohol. Both are bactericidal, fungicidal, and viricidal but are not effective against bacterial spores.

Hand sanitizers with alcohol are used daily in many medical offices, but over time repeated use may lead to hand dermatitis. Fortunately, HOCl acid can also be used in place of hand sanitizer with no irritating side effects. Moreover the punch HOCL delivers to pathogens is more powerful than the one delivered by alcohol.

Applications

- As a hand sanitizer (dilution is 1:1)
- As a surface disinfectant (dilution 1:9)
 - This can be used to disinfect production equipment and clothing.
 - Used on all office desk surfaces
 - Can be used in fogging units
 - On construction sites before entering a site.
 - Interior of cars and trucks
 - Cleaning of interior and exterior of schools and play schools
- At home use for disinfecting (dilution 1:9)
 - Spray your clothes and shoes when returning home
 - Spray your masks after use
 - Disinfecting of kitchen, dining room, bathrooms and all other household surfaces and floors
 - Wipe down groceries before packing away
 - Sterilize baby dummies, books and toys

About Medispec (Pty) Ltd

The brand was established in 1990 and 29 years later we are still the only manufacturer of our kind not only in Africa but the entire Southern Hemisphere.

Being part of the AC Industries group, we are 100% South African and our factory is fully compliant with the latest medical manufacturing standards, including ISO9001:2015.

All our products are designed and manufactured in a South African factory, by South Africans, the factory and its personnel are always on hand for fast delivery, consultation and unique development solutions to specialist problems.