



COMPANY & PRODUCT OVERVIEW



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The COVID-19 outbreak has created tremendous awareness of the importance of disinfection and sanitisation. As the strict Lockdown has been eased, a cycle has begun to occur. Infection rates are spiking and as soon as a business opens, it may need to close due to exposure to the virus, and be sanitised.

It is therefore paramount we educate ourselves with the best possible products for effective disinfection and safe long-term use. Track and Trace results worldwide have proven that events such as funerals, weddings, churches, and sports stadiums together with high traffic or high-density facilities are potential "Super-Spreaders" or areas of high risk.

Misting is an ideal solution for large areas as it is cost effective, time saving and provides maximum coverage with the least amount of wastage. Misting allows the products to reach areas that would normally not be reached with wiping.

THE BENEFITS OF TOUCHLESS DISINFECTION

Misting or fogging can improve the effectiveness of cleaning.

Airless mist spray can reach into areas that manual cleaning cannot and the components dissipate shortly after contact.

Manual cleaning is rarely suitable as a stand-alone process in the open environment.

There are four elements to consider:

- 🌀 The person undertaking the cleaning,
- 🌀 The chemical being used,
- 🌀 The material or method being used to apply the cleaning process and,
- 🌀 The time taken to perform the task.

At each stage of the process there are drawbacks and opportunities for errors to occur.

In addition, there are various challenges to ensuring that cleaning and disinfection is properly carried out in the environment.

We live and work in complex spaces — some can be substantial in size and others extremely small and confined.

In some of these environments there will be high-risk pathogens to be dealt with and in others lower risk micro-organisms.

However, in all cases there is the universal challenge of how they can be disinfected quickly, effectively, with suitable equipment and without causing damage to surfaces or sensitive equipment.

At the same time, disinfection needs to be achieved at an affordable cost. There is also the problem of how to sanitise hard-to-reach areas and how to cleanse the air of airborne viruses.

Manual error will always creep into these types of situations, and the larger and more time consuming the job, the more room for deviation and error there is. That is without even starting to consider what chemicals to use, how they should be used and how they should be applied and with what piece of equipment.

It is commonly accepted that manual cleaning will remove physical debris, but it is inefficient at dealing with micro-organisms and hard to reach areas.

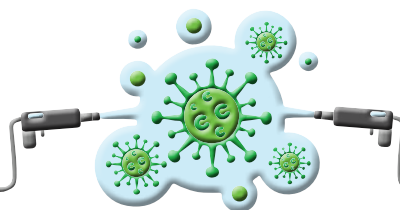
There is also evidence to suggest that manual cleaning with a cloth and a biocide solution can actually spread bacteria and cause cross-contamination. The simpler, quicker, and less expensive sanitisation is, the more frequently it will be performed leading to an overall safer environment.

There a better method that can complement manual cleaning and which is effective, safe and inexpensive.

This leads to the subject of hypochlorous acid (HOCl), a well-known, highly tested substance which has proven to be highly effective in killing 99.99% of viruses, bacteria, germs and micro-organisms.

Hypochlorous acid is the sanitising product we use to disinfect schools, homes and offices due to its safe, efficient and non-toxic properties. The Hypochlorous acid disinfectant solution is classified as a Chlorite, which has exceptional properties in protecting against emerging viruses, pathogens bacteria and fungi. It is a safe alcohol-free multi-purpose product, of which its active ingredient complies with international standards used in pharmaceutical and health care industries around the world.

Our hypochlorous acid products are 100% safe for humans, non-toxic, eco-friendly and all-natural with our active ingredient being SABS, FDA and WHO approved. It can be used as a spray or in misting/fogging to disinfect homes & vehicles, schools, offices and other high-risk areas safely, quickly and effectively.



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THE BENEFITS OF TOUCHLESS DISINFECTION CONTINUED...

The South African government provides recommendations in its regulations for the use of Chlorites to disinfect contaminated areas and the active ingredient in our sanitizing solution, Hypochlorous acid, is the best and safest Chlorite in its class.

HOCl (its chemical can be deployed in a spray device to deliver it as a 'mist'. It can therefore be used safely on any surface type including sensitive components, electrics, and electronics. In its mist form, it can reach into the most inaccessible areas of a classroom or workspace.

The fine mist can reach into any area and as it dissipates shortly after contact, it does not produce any surface corrosion and no residue is left behind.

The treatment process can be used in the smallest size area right up to entire warehouses. It is quick, cost effective and can be carried out in as little as 30 minutes so that operational downtime is kept to a minimum, if at all.

As a disinfection service provider, our company responds to outbreaks after the deep-cleaning team has done their work, or we carry out routine maintenance in any type of area that has a requirement to be clear of micro-organism contamination.



HOCl, a hypochlorous acid disinfectant solution, is the sanitising product we use to disinfect schools, homes and offices due to its safe, efficient and non-toxic properties.

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Our hypochlorous acid products are 100% safe for humans, non-toxic, eco-friendly and all-natural with our active ingredient being SABS, FDA and WHO approved.

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The South African government provides recommendations in its regulations for the use of Chlorites to disinfect contaminated areas and the active ingredient in HOCl's, Hypochlorous acid, is the best and safest Chlorite in its class.

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ABOUT OUR PRODUCT

In today's time, the recent novel COVID-19 outbreak has created tremendous awareness of the importance of disinfection and sanitisation, which is going to be a part of our everyday lives for the foreseeable future. It is paramount that we educate ourselves with the best possible products for effective disinfection and safe long-term use.

WHY CHOOSE HOCL?

☼ Alcohol Free	☼ Breath Easy	☼ Pet Friendly
☼ Non-Toxic	☼ No Harsh Fumes or Chemicals	☼ Breaks Down to Saline Solution
☼ Environmentally Friendly	☼ Green Cleaning Technology	☼ SABS & FDA Approved
☼ Leaves No Harsh Residue	☼ No Rinsing Required	☼ Safe on Most Fabrics

HOCL OVERVIEW

HoCl provides an alcohol-free misting and spraying multi-purpose disinfectant using ECA Technology's active ingredient - HOCL, that complies with international standards used in pharmaceutical and health care industries. Our products are 100% safe for humans, non-toxic, eco-friendly and all-natural with our active ingredient being both SABS and FDA approved and endorsed by the WHO for water purification. We offer fogging/spraying disinfecting services of homes & vehicles, schools, offices and other high-risk areas. Additionally, we offer at home and travel size sprays for personal disinfection.

The South African Government has furthermore recommended the use of hypochlorite's to disinfect contaminated COVID-19 areas. Hypochlorous acid is the best in this class at destroying pathogens - the active ingredient in all HoCl products. According to the American Society for Microbiology, HoCl's active ingredient is 99.9% effective against bacteria, viruses and fungi yet gentle on the skin and naturally biodegradable to a saline solution therefore not leaving any toxic residue behind.

100% SAFE TO USE

The powerful disinfectant in HoCl's products, hypochlorous acid, does not cause irritation to skin, eyes or lungs, unlike other chemical disinfectants. A study by HypochlorousAcid.com states that even if it were ingested it causes no harm. Due to its safe nature, HoCl is the ideal sanitiser for hands, direct food sanitisation,

food contact surfaces, room disinfection and any high-risk areas. As HoCl is made from natural elements, comprising of H₂O, NaCl and electricity, once deactivated it turns back into harmless saline.

HoCl is so safe to use, that our active ingredient (HOCL) is used to treat medical conditions in the form of being added to numerous medications. As a result, HoCl is so safe no personal protective equipment (PPE) is required when fogging or spraying rooms or vehicles, however it can be used if desired.

EFFICACY

Hypochlorous acid has been used for over a century in the medical field and was even used to irrigate and disinfect wounds before antibiotics were available in World War I. It has long been recognized for two important healing characteristics: It has the ability to help wounds heal faster and to do it painlessly. HoCl is a highly effective disinfecting fog and spraying solution as our product contains 250ppm (parts per million) of HOCL, which is powerful enough to disinfect all surfaces yet gentle enough that it is non-toxic, safe on most fabrics and pet safe. The World Health Organisation (WHO) further approves and recommends the use of hypochlorous acid as a disinfectant for the treatment of water and pathogen control, as HOCL is the active sanitiser in hypochlorite based products in swimming pools and water treatment plants and is effective at destroying E. coli, among other water-borne bacteria, rapidly.

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OTHER HOCL APPLICATIONS

AGRICULTURE INDUSTRY

- Fungicide replacement (non-toxic)
- Fruit/vegetable wash
- Meat Wash
- Soil irrigation
- Disinfectant for animal pens, chicken coops etc
- Water line treatment
- Crop spraying
- Mastitis prevention and solution
- cryptosporidiosis (livestock)
- E.Coli infection

DENTAL

- Dental waterline disinfectant

FOOD INDUSTRY

- Meat wash (highly effective against Listeria monocytogenes)
- Fruit/Vegetable Wash
- Abattoir surface disinfectant
- Carcass disinfectant
- Meat processing equipment disinfection
- Fish wash
- Aquaculture
- Surface Disinfectant

HOSPITAL AND INDUSTRIAL ENVIRONMENT

- Surface disinfectant
- Machinery disinfectant
- Equipment disinfectant



**AGRICULTURE
INDUSTRY**



**FOOD
INDUSTRY**



DENTAL



**HOSPITAL
& INDUSTRIAL
ENVIRONMENT**

CONTACT US FOR A QUOTE

No call-out fee within 10km radius

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