

GREENGATE De-TOXER MAX is an electronic device Jar, consists of precious TITANIUM electrode to generate quality disinfectant, which is:

- **100X more POWERFUL than Chlorine bleach**
- **EFFECTIVE in eradicating 99.99% of harmful pathogens including the deadly VIRUSES**
- **Completely NATURAL Non-irritant, ALCOHOL FREE, safe for human, pets and environment**
- **Home-made disinfectant, a proven alternative to harmful chemical disinfectants /sanitizers**
- **A MUST-HAVE household product to prevent virus spread**

Home-made SANITIZER is POSSIBLE NOW!

Control on Virus spread...begins from your home.

Present Scenario:

Infectious animal and zoonotic diseases have the potential to spread quickly from the local area to international territory or spread from any species to humans. This has been evident by now, with the unprecedented magnitude of COVID-19 spread across the globe. Looking at the present scenario, we do not know how long it will take to contain this virus spread, even if it is contained in the nearest future, there is no guarantee that there will not be any sort of re-occurrence of emergent and re-emergent pathogens in future. As per the member of the central government committee tasked with providing Covid-19 projections, "our mathematical model estimates that around 30% of the population is currently infected and it could go up to 50% of the country's 1.3 billion people by February 2021. It was well debated during the severe spread time that the life of the virus on the surface is a few hours or longer? an article published in the Guardian shows the findings of researchers as "the Virus that causes Covid-19 can survive up to 28 days on surfaces like glass on mobile phones, stainless steel, vinyl, and paper banknotes even in low temperatures" Top US body CDC (centers for disease control and prevention) said that there was evidence that people with Covid-19 can possibly infect others who were more than 6 feet away within enclosed spaces with poor ventilation.

Importance of Bio-security:

The world is at the threshold of a new era of emergent and re emergent diseases that will have a tremendous impact on public health. Unless the challenges from these pathogens are controlled through strict management practices, vaccination and medication cannot adequately protect the people. This has bought biosecurity to the center stage. Biosecurity measures are no longer an option, it has become an integral part of our life, and they should be mandatory and practiced consistently to protect ourselves from infectious agents. This has led to the introduction of many disinfectant solutions.

The current difficult scenario has forced our community to use chemical or alcohol-based disinfectants and sanitizers. However, even after the increased usage of these products, there has been no significant change in the spread of the virus. According to a recent study by CGSI (Consumer Guidance Society of India), nearly 50% of the sanitizers adulterated. Out of them, 4% contained toxic methanol (can have serious side effects like damaging optic nerves and causing blindness), 37% did not match its label specifications and 10% were sold without any claim are completely ineffective against any virus. At the same time, repeated usage of such disinfectants and sanitizers cause severe damage irritation to skin, eyes, and nose and the overall health, especially for kids, women, and elderly people who are more sensitive.

The Concept:

As per the famous saying, "seeing is believing", when you make something on your own, you feel more comfortable and confident of what you are using for you and your family health. This is the base of our concept to introduce this product; our objective is that, every household to experience the simplicity of generating a natural, soft, effective yet cost-efficient sanitizer by using simple components present in their kitchen.

GREENGATE ENTERPRISES is a company based in Kerala, introducing a state-of the-art, revolutionary product, GREENGATE De-TOXER, De-TOXER MAX & De-TOXER PRO for the community to protect ourselves from the pandemic



Why GREENGATE De-TOXER?

Today with the pandemic that has affected the globe, it is our endeavor to shift the focus away from chemical-based products and services used in our day-to-day lives to more natural, safe, cost-effective and yet powerful solutions for a healthier and sustainable future.

GREENGATE De-TOXER is an electronic device, specially designed for household usage, for generating a natural disinfectant at your home in a quick time, by using simple components such as water, common salt (NaCl), and electricity.

In GREENGATE De-TOXER, precious TITANIUM electrode is fitted at the bottom of Jar, when charged with electricity, electrolyze salt and water, to generate Hypochlorous acid (HOCl). It is a weak acid with powerful surface-active properties and listed by EPA, USA as one of the effective compounds to control the spread of Coronavirus on any surface. At the same time unlike the other sanitization products being used now, HOCl is a natural, safe, soft, cost-effective and excellent surface sanitizer, without any side effects on human health and the environment. These are the qualities that place this product a shade above the normal chemical-based products in use. We encourage people to strictly follow the government instructions to control the Covid-19 spread by using proper masks, safe distance, and hygiene. The disinfectant generated by using GREENGATE De-TOXER can be an additional tool to further strengthen the mission Virus spread control.