



www.servishero.com



COVID-19 Professional Disinfection Services for Home and Office.

Keep your loved ones safe.

Be protected by one of Southeast Asia's leading on-demand services companies.

ServisHero is trusted by the Southeast Asia's leading companies as a service provider including: Sime Darby Property, YTL Corporation, Allianz Insurance, Courts Mammoth and more. We follow a stringent quality process and utilize world-class technology and processes to deliver services.

Why Get Professional Disinfection Done?



Regular Disinfectants
Protect Only
Momentarily- Our
professional system
lasts for months



Viruses and Germs like
Coronavirus can linger
on surfaces for up to 6
days



We only utilise
professional-grade
disinfectant solutions



We will re-disinfect your
premises free of charge
if an COVID-19
infection is detected
onsite within 3 months.



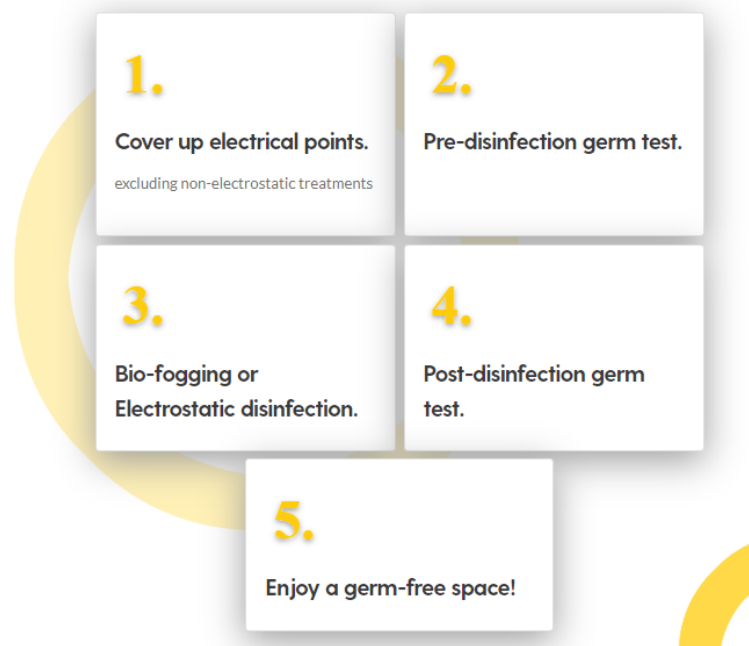
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Introduction

Viruses and bacteria can contaminate the air and linger on surfaces for days - regular disinfectants will only provide immediate and temporary protection. We offer our Professional Disinfection Services, utilizing methods including: (a) ClO² Gas (which is 2.6x stronger than Chlorine); (b) Hydrogen Peroxide; (c) Lactic Acid-based Disinfecting Cleaner (which is effective and safe for food processing areas as it de-greases while disinfecting). Subject to traffic in your area, our disinfection protection can last up to 3 months.

Process

The Professional Disinfection Process by ServisHero



We will deploy a professionally trained team to sanitise your space using specialized application equipment, which may include fogging or electrostatic disinfection. Our teams will apply the disinfectant on all surfaces that could have been exposed to deadly viruses or bacteria. Upon contact germs will be deactivated and rendered harmless.

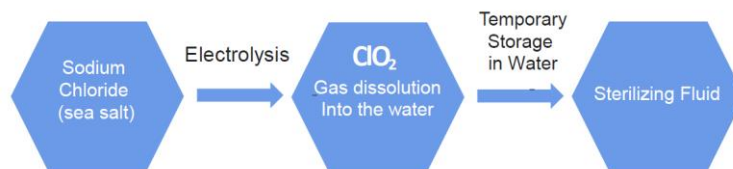
Our typical engagement includes complete room disinfection, including furniture and equipment, with specific regard to high-touch surfaces. Regular disinfection, like Dettol, only provides temporary protection, our cutting-edge technologies helps safeguard the treated surfaces for up to *3 months* (subject to traffic in the treated area).

Product Ingredient Specifications

We utilize a variety of technologies as outlined below. We will provide the most appropriate technology according to your specific needs.

ClO² Disinfection

ClO² is derived from Sodium Chloride (sea salt), through a series of electrolysis process and by adopting a new technology to stimulate a large amount of ClO² gas, which is then temporarily stored in water to produce a safe, environmentally friendly sterilizing fluid that decomposes with no residue.



Product Efficacy

Our solution is non-toxic and safe for environments with babies and pets. ClO²'s strong redox effect effectively sterilises and kills harmful microorganisms. The oxidising power of ClO² is:

- 2.6x stronger than chlorine
- 2.8x stronger than sodium hypochlorite
- 1.3x stronger than hydrogen peroxide

Its strong redox effect demotes and breaks down viruses, bacteria, yeast and mold, but does not cause any harm to animals and plants.

No Concerns Regarding Drug Resistance

During the disinfection process, ClO² directly reacts with the bacteria / virus' cell wall to degrade the protein and deactivate the virus. Therefore, it does not produce any risk of drug resistance or cytopathic effects.

Product Comparison with Various Disinfectants

ClO²

Description	Gaseous Chlorine Dioxide Solution	Chemical Chlorine Dioxide	Formaldehyde	Alcohol	Bleach	Hypochlorous Acid	Ozone
Raw material	Salt, water	Sodium chlorite + hydrochloric acid	In the industry, ethanol is generally produced by formaldehyde fermentation or ethylene hydration.	starch	Sodium hypochlorite (NaClO)	hydrochloric acid (HCL)	Air, ultraviolet light
Principle of Sterilization	Oxidation	Oxidation	Coagulated bacterial protein	Dehydration	Oxidation	Oxidation	Oxidation
Sterilizing Ability	Safe, efficient, non-residual, sterilization rate 99.999%	ordinary	High noro virus, etc. are invalid	75%, but enterovirus, SARS is not easy to deploy	75%, but enterovirus, SARS is not easy to deploy	Low	High
Toxicity	It is completely harmless to many cellular organisms such as animals and plants..	Corrosive, residue	Irritating to the eyes, frequent use can irritate the skin, throat, skin, excessive use will produce harmful to the human body. Cytotoxicity.		The modulation process is dangerous. It is irritating to the skin, mucous membranes and respiratory tract. Carcinogenic substances are produced and protective equipment is required when use.	It produces trihalomethanes and is highly corrosive.	High concentration. Produce carcinogens
Price	Normal	Normal	Low	High	Low	High	High
Deodorizing effect	Strong	Normal	Low	No	No	Low	Strong
Toxic Residue	No	Yes	Yes	No	Yes	Yes	Yes
Time of Action	Sec ~ mins	Sec ~ mins	In minutes	In minutes	Mins to Hours	In minutes	Sec ~ mins
Practicality	Safe, convenient and versatile.	The reaction is incomplete, the modulation is risky and takes time.	Need to be modulated with water. The proportion of toxic residues is not well controlled and flammable. It has safety concerns..	75%, must be diluted when used. When mixed with an acidic detergent, it will produce toxic gases and should not come into contact with the skin.	75%, must be diluted when used. When mixed with an acidic detergent, it will produce toxic gases and should not come into contact with the skin.	The concentration is low and needs to be used in large quantities to achieve the effect.	Good activity but poor stability.

Safety

The World Health Organisation (WHO) has recommended ClO² as an A1, high-efficiency disinfectant. Here are the historical recommendations and recognitions by authorities:

Certifications

Tested and certified by:





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Lactic Acid-Based Disinfectant

Good solution for food-processing locations. We utilize disinfectant by APESIN KDR Food.

Product Information

APESIN KDR Food is the ideal solution for both cleaning and disinfection in a single-step. It is a highly practical solution for facilities and equipment that deals in food processing.

APESIN KDR Food is based on a special acidic combination which allows for effective removal of stubborn, greasy protein and dirt deposits as well as microbial soiling.

APESIN KDR Food has been tested and certified according to the European EN standards and is listed in the German IHO list for pet-keeping and food production.

After the disinfection process, APESIN KDR Food does not leave a residue.

Types of Practical Application

- Schools, canteen kitchens, kitchens of health facilities, restaurants, food processing facilities.
- Suitable for acid-resistant surfaces and equipment made from stainless steel, plastic, ceramic, porcelain, varnished wood or metal.
- Note: This solution cannot be used on calcereous stone floors or any other acid-sensitive materials in the food processing industry.

Ingredients:

Ingredients per 100g:

5.6g Lactic Acid, 5 - <15% anionic surfactants

Certifications:





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Hydrogen Peroxide (H₂O₂) Disinfection

Hydrogen Peroxide is used as an oxidizer, bleaching agent and antiseptic. Found in biological systems including in the human body, it decomposes and reverts back into water and oxygen. The Hydrogen Peroxide-based solution used by ServisHero is an effective yet eco-friendly sanitizer.

Product Efficacy of H₂O₂

Our Hydrogen Peroxide formula is the next generation of boosted Hydrogen Peroxide (bHPa) that has high oxidative killing rates against microorganisms and spores. Among some of the key advantages include:

- Highly biodegradable as it reverts back into water and oxygen after application
- Eliminates a wide range of pathogens including viruses, bacteria, fungus and yeasts
- Formulated for all types of surfaces
- Free from VOCs and cost effective
- Meets EU standards – ENs VAH-listed apply in Germany