



GREENClean tersano

SAO Dispenser System

“Changing the way you Clean”

Killing Viruses and Bacteria

Reducing Economic Impact

Reducing Environmental Impact

Improving Customer & Employee Health

Hospitality & Tourism Sector



GREENClean tersano is a revolutionary & environmentally safe methodology of cleaning that reduces chemical use by up to 100% whilst reducing air pollution and improving the environmental credentials of your business – ***It also Cleans and Sanitises in one – killing bacteria and viruses - supporting your fight against coronavirus!***

GREENClean tersano delivers substantial savings on traditional cleaning chemicals – ***at least 50%. From only €3.01 per day - for your whole business – especially now when traditional chemical costs will soar with increased cleaning.***

GREENClean tersano protects your employees and customers from toxic emissions from cleaning chemicals and reduces allergic reactions to chemicals – *a growing Health & Safety concern.*

Low initial setup cost

Immediate Substantial savings

No Long-Term Commitment

Better for People (*Customers & Staff*) and the Planet

We believe that your experience after starting the **GREENClean tersano** system will be to become a customer for life.

Key benefits

- **Reduced Cleaning Chemical Costs – at least 50%**
- **Cleans and Sanitises – Kills bacteria and viruses - an ideal anti-coronavirus solution – as part of your overall cleaning & sanitising solution**
- Low initial setup cost
- Reduces the negative environmental impacts of cleaning products
- Reduces emissions caused by transportation of chemicals
- Substantially minimises the number of toxic chemicals in use
- Minimises waste from used cleaning chemical containers
 - o *Supporting the War against Plastics*
- Improves the health of your employees and protects against allergies and irritants
- Improves the health of your customers – especially those with allergies
- Reduces the chemical load on wastewater treatment plants – where applicable



tersano[™]

www.gclean.ie

How does the GREENClean tersano system work?

GREENClean has partnered with **CLENLi Direct** to bring the **tersano** patented SAO Dispenser (Stabilised Aqueous Ozone) system to the Hospitality & Tourism Sector.

Through GREENClean, CLENLi provide the hardware to the business and train staff and deliver ongoing support. The system requires a standard single-phase socket nearby plus a mains water supply and sink/drain.

Our packages deliver 3000/6,000/12,000 litres of Stabilised Aqueous Ozone (SAO) water that can be used for cleaning or sanitising with a life span of 24 hours for sanitising and 6 days for cleaning. Staff fill standard 750 ml spray bottles with fresh SAO daily as required from the central production facility.

We encourage hotels to initially install a **GREENClean tersano** system in the Accommodation Services department and start using it within bedrooms and general public areas, including reception, toilets, restaurants and bars, etc. as well in the back of house general areas. As it proves its efficacy and cost savings a hotel will either just expand its use or, if required, can install additional units to cover other areas such as Leisure Centres, Spas, Kitchens, Meeting/Conference, etc.

Where can you use GREENClean tersano?

- Offices
- Corridors and General public areas
- Toilets and bathrooms
- Meetings and Conference areas
- Back of House areas, stores etc.
- Restaurants, bars, kitchens
- Staff Facilities – canteens, restaurants

What about Food Production areas? – Kitchens, Restaurants

It is USA FDA certified and safe to use in food preparation areas – we will work with kitchen staff to ensure that HACCP regulations are maintained, if requested, and supply a dedicated machine & cartridges if required. It is in use in Irish Restaurants/Kitchens that have been inspected by EHO's.

Full scientific information and technical details can be found at the back of this document and full pathogen information and safety data sheets are available.

GREENClean, c/o Green Trading Company, Eastgate Village, Little Island, Cork 021-4354688





What does the GREENClean tersano System Cost?

GREENClean tersano substantially reduces cleaning chemicals costs from day one – in reality the **GREENClean tersano** system costs nothing as the savings will outweigh the cost of the service!

There are 3 service packages available to suit the smallest to largest business;

Small Business Package - Restaurants, Pubs, Guesthouses, Contract Caterers, etc. – up to 3,000 Litres of SAO per annum

- Setup Cost - €1,650

- Daily Cost of cleaning & sanitising post installation - €3.01

- €275 per Quarter - €1,100 per Annum

This includes one machine plus 3,000 litres of SAO per annum = 11 x 750ml bottles of SAO per day. (Providing up to 24 hours Sanitising and Cleaning time). 12 x 750 ml spray bottles included at setup.

Standard Package – Hotels, Leisure Centres, Larger Restaurants, etc. – up to 6,000 Litres of SAO per annum

- Setup Cost - €1,650

- Daily Cost of cleaning & sanitising post installation - €5.21

- €475 per Quarter - €1,900 per annum

This includes one machine plus 6,000 litres of SAO per annum = 22 x 750ml bottles of SAO per day. (Providing up to 24 hours Sanitising and Cleaning time). 18 x 750 ml spray bottles included at setup.

Large Business Package – Hotels with Leisure Centres, Resorts, etc. – up to 12,000 Litres of SAO per annum

- Setup Cost - €2,950

- Daily Cost of cleaning & sanitising post installation - €9.32

- €850 per Quarter - €3,400 per annum

This includes two machines plus 12,000 litres of SAO per annum = 44 x 750ml bottles of SAO per day. (Providing up to 24 hours Sanitising and Cleaning time). 24 x 750 ml spray bottles included at setup.



Additional Supplies

Additional 3,000 litre output of Stage 2 - 24 hr cleaning and sanitisation - can be purchased at any time if required. Cost: €750 per 3,000 litres SAO

Additional tersano SAO Dispenser Unit – Install cost €1,650

Payment Information

Setup Cost - Due to exceptional demand we require the initial setup install cost paid in full. We will issue a pro-forma invoice and book the installation as soon as this is paid.

Quarterly Service payments – every 3-months following the installation date. These must be paid on time. If a Direct Debit or Standing Order is not put in place, we will issue the initial Quarterly Service Invoice 2 months after the initial installation date and payments must be made within 30 days.

(Note: In the first year there will only be 3 Quarterly payments)

VAT @ the current rate will be charged on all items

Contract Details

Each installation is for a minimum 2-year period.

Installed GREENClean tersano SAO Dispensers remain the property of GREENClean at all times.

The client agrees to all GREENClean terms and conditions.

CONTACT US Now to start your GREENClean tersano journey –
maurice@greentradingcompany.ie

Prices valid to 30/12/2022



TERSANO INC

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Changing The Way The World Cleans

The lotus® PRO High Capacity cleaning system turns ordinary tap water into **Stabilized Aqueous Ozone (SAO)**, nature's most powerful cleaner. SAO is a highly effective cleaning agent that breaks down dirt, grease and other contaminants, safely replacing traditional chemical cleaners, deodorizers and sanitizers.

With the lotus® PRO technology, SAO is created when introducing an extra oxygen atom to an oxygen molecule and water molecules. This combination creates a highly effective cleaning agent that breaks down dirt, grease, and other contaminants safely replacing traditional chemical cleaners and pathogen-reducing sanitizer which also provides **no harm to the body if ingested or consumed**.

3 SIMPLE STEPS



STEP 1
Inside the lotus® unit, oxygen from the air is safely turned into ozone then infused into ordinary tap water.



STEP 2
Ozone is attracted to germs, soils and bacteria and quickly eliminates contaminants it comes in contact with.



STEP 3
The lotus® PRO system works for hours, after which point it converts back into water and oxygen.



	STABILIZER	SERIES I	SERIES II
Sanitizing Time		Up to 4 hrs	Up to 24 hrs
Cleaning Time		Up to 3 days	Up to 6 days
Cartridge Life		1,600 gals ¹	800 gals ¹

¹Based on a flow rate of 3 gpm

Fill trigger sprayers, mop buckets, carpet extractor and auto scrubbers.

PEOPLE

- **Non-Irritant** to respiratory and allergy problems
- **Improved health & safety** (MSDS 0-0-0-A)
- **Reduction** of slip & falls
- **Eliminates** exposure of chemicals to staff & visitors
- **Promotes** a healthier working environment

PROFIT

- Drastically reduces inventory of multiple chemicals
- **All-in-one** solution improves productivity
- **Savings** versus conventional cleaners (gallon to gallon)
- Reduction in sick days due to chemical exposure
- Lower maintenance cost related to cleaning equipment
- Meets **Sustainability Initiatives**

PLANET

- **Reduction** of carbon footprint
- Recyclable
- Harmless to the environment when disposed
- **Green Seal** certified: GS-37 and GS-53 standards
- Compliant with **LEED** & the **BOMA BEST** standard



APPLICATIONS

- Flooring, Hardwood, Tile, Vinyl Surface
- Carpet
- Concrete, Terrazzo, & Stone
- Bathroom & Kitchen Counters
- Glass, Mirrors, Stainless Steel, Chrome Surfaces
- Showers, Bathtubs, Toilets, Sinks
- Handrails, Escalators, Elevators
- Shelving, Desks, Tables, Chairs
- Lab equipments
- Appliances
- Fruits & vegetables

REPLACES

- All-Purpose Cleaners
- Stainless Steel Cleaners
- Glass Cleaners
- Neutral Cleaners
- Deodorizers

CERTIFIED • PROVEN • POWERFUL

CONTACT US NOW to install your system –

maurice@greentradingcompany.ie





The Science

GREENClean tersano - Stabilised Aqueous Ozone (SAO)

Stabilised Aqueous Ozone (SAO) water is produced by the patented tersano SAO Dispenser. It is the result of ozone, created from the air, being infused into water. The extra oxygen atom, becoming O₃, is what makes it a powerful oxidizer. The dispenser creates SAO water which simply means its effective life has been extended. The water-based form makes it easy to use in spray bottles, mop buckets and more.

This SAO water is a versatile cleaner that does the work of general-purpose cleaners. The extra oxygen molecule infused in the dispenser activates the water to dislodge and lift dirt and debris. Glass and all-purpose cleaners, light degreasers, plus floor, carpet and upholstery cleaners are all replaced by it. The powerful oxidizing ability of ozone makes it a deodorizer and even provides an extra measure of sanitizing as it cleans.

Ozone in water has been used for 100 years to disinfect drinking water, wash fresh produce, keep swimming pool water safe, and much more. It is one of the most powerful oxidizers, which means it attacks and “consumes” bacteria, viruses, odours, mould, fungi - anything that comes into contact with it.

SAO water has been approved for food-contact surface sanitizing by the **USA FDA Food Code**, demonstrating its effectiveness and safety. The concentration of ozone follows approved levels for performance.

GREEN SEAL: The SAO water meets Green Seal™ Standards GS-37 as a safe and effective cleaner, and GS-53 as a safe and effective sanitizing agent based on performance, concentration of product, minimized packaging, and protective limits on VOCs and human & environmental toxicity.

SAO water is as safe as water! Scoring all zeros on the hazard scale it requires no PPE (*personal protective equipment*).



GREENClean is proud to offer the tersano SAO Dispenser to help you ensure the highest standards of sanitisation and cleanliness are put in place as a response to COVID-19.

GREENClean tersano SAO Dispenser is a cleaner, sanitiser, and deodorizer regulated under the United States EPA Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) – Designation 21CFR184.1563 and holds EPA Establishment No. 89093-CAN-01

When used as directed, SAO eliminates more than 99.99% of the COVID-19 surrogate virus, MHV-3 - as well as many other dangerous bacteria and viruses. Please visit Tersano.com for a complete list of pathogens safely eliminated by SAO.

The use of SAO will ensure you meet government guidelines and recommendations during this public health crisis and will help you re-open with confidence. Of course, in addition to the use of this highly effective cleaner, we strongly recommend following the guidelines of the World Health Organization which include regular hand-washing, the use of personal protective equipment, and physical distancing.

Thank you for your trust in Green Hospitality.ie. Please contact us with any questions or concerns.



SAFER FOR YOUR STAFF AND CUSTOMERS

GREEN SEAL Certified: Tested in an ISO-approved lab, stabilized aqueous ozone meets Green Seal™ standards GS-37 and GS-53 based on effective performance, concentration of product, minimized packaging, and protective limits on VOCs and human and environmental toxicity.

www.greenseal.org



The NSF Mark

NSF International Reg. No.: 152236

This mark is your assurance that the product has been tested by one of the most respected independent certification organizations in existence today. It is valued by consumers, manufacturers, retailers and regulatory agencies worldwide. www.nsf.org



OTHER CERTIFICATIONS AND REGULATORY COMPLIANCE NUMBERS

EPA: Establishment No. 89093-CAN-01. *ASTM testing at MycoScience laboratories confirms 5-log reduction on food contact surfaces. ASTM testing at Lapluck laboratories show 3-log reduction in 30 seconds on non-food contact surfaces.*

FDA Safe Designation: 21CFR184.1563

OSHA: Off-gas O3 < .01 ppm PEL

CSA: Tested to CSA Standard E60335-1/4E:03 by TUV

UL: Tested to UL Standard 979 by TUV

Europe: CE and EN 60335-1/A2:2006 compliant

ASSE: Tested to ASSE Standard 1055-2009 by CSA Group

Pathogen Sheet: Available

Safety Data Sheet: Available



SARS-CoV-2 Update

tersano

March 5, 2021

Tersano's Stabilized Aqueous Ozone (SAO[®]) and its effectiveness against SARS-CoV-2 (coronavirus) continues to receive global scientific validation.

We are excited to share the most recent peer-reviewed study, published in the February 26, 2021 edition of the academic journal *Environmental Research*. Testing was conducted at the *University of Queensland, St. Lucia, QLD, Australia* confirming that SAO solution demonstrated safe and effective disinfecting properties when using municipal water passed through a Tersano SAO-24 cartridge. Two clinical isolates of SARS-CoV2; an early Australian isolate QLD02 sampled from a patient on 30/01/2020, and the more recent isolate QLD935 sampled from a patient on 25/03/2020 were tested for inactivation by Stabilized Aqueous Ozone.

At 0.75 ppm (or 850mv) the SARS-CoV-2 virus was inactivated to the highest detectable level. These test results correlate with the prior studies such as the one conducted by *Fujita Health University in Toyoake, Aichi, Japan*, demonstrating the efficacy of Stabilized Aqueous Ozone at inactivating SARS-CoV-2.

The Australian study also conducted testing to confirm the extended half-life of ozone when using SAO technology over traditional aqueous ozone (AO). Results confirm a significant extension, validating Tersano's claims around this globally patented technology.

[Here is a link to the report.](#)

Please reach out with any questions. Stay safe.

A handwritten signature in blue ink, appearing to read "Steve Hengsperger".

Steve Hengsperger
President

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