

# tersano<sup>®</sup>



See how easy it is to use



Does your cleaning cabinet look like this?



Tersano online real-time IClean Dashboard

Simple • Safe • Sustainable

# CERTIFICATIONS



Simple • Safe • Sustainable

# The tersano systems create SAO<sup>®</sup> solution on-site and on-demand.

- Eliminates the need to purchase, transport, distribute, store, and restock multiple cleaning products.
- All-in-one solution approved as a NO RINSE SANITIZER for up to 24 hours, and CLEANER for 6 days (SAO24 cartridge).



Tersano LotusPro V9 Dispenser



The SAO24 cartridge will dispense 3,000L of SAO which remains an effective cleaner for up to 6 days.



The SAO4 cartridge will dispense 5,000L of SAO which remains an effective cleaner for up to 3 days.



SCAN FOR  
OUR VIDEO





# iClean® Dashboard – Real Time Usage Data

Using IoT, **iClean Dashboard** collects and reports data from the lotus PRO V9 in real-time to help you plan inventory, enhance productivity, and measure your site's progress toward sustainability goals.

## Sustainability Reporting

By reporting the volume of chemicals and plastics your SAO usage has prevented from entering the environment, **iClean Dashboard's Sustainability Report** tracks how the tersano system supports your CO<sub>2</sub>-eq reduction goals.



# How SAO Works

This patent-protected technology creates Stabilized Aqueous Ozone (SAO<sup>®</sup>), an effective, innovative and sustainable cleaning, deodorizing, and sanitizing solution. SAO attacks organic matter, breaking it down into smaller particles and suspending it in solution.

# How SAO Cleans

Ozone reacts with proteins which are large organic compounds and consist of strings of amino acids held together by peptide bonds. Peptide bonds react with the 3<sup>rd</sup> oxygen atom in ozone and break apart the proteins, leaving behind those amino acids. The base amino acids will continue to react with ozone and break down into even more stable/inert inactive matter. These minute particles are then readily suspended in solution. Once dirt is surrounded by these ions, it no longer adheres to the surface and becomes suspended in solution.

# How SAO Kills

When applied to surfaces, SAO (ozone in a stabilized, aqueous form), kills the germs that can also cause odours. When ozone (O<sub>3</sub>) molecules make contact with the cell wall of bacteria & viruses, tiny holes are created. This reaction is called oxidation. Oxidation is germ killing.

## COVID-19

tersano SAO and its effectiveness against SARS-CoV-2 (Coronavirus) continues to receive global scientific validation. When used as directed, SAO<sup>®</sup> kills >99.99% of MHV-3, the globally approved testing surrogate for SARS-Cov-2.

*\*Please refer to tersano Bulletins and Pathogen Summary on [tersano.com](https://tersano.com)*



### Step 1

Oxygen (O<sub>2</sub>) from the air is safely turned into O<sub>3</sub>, then infused into ordinary cold tap water.



### Step 2

SAO is attracted to germs, soils, and bacteria and quickly eliminates contaminants.



### Step 3

SAO cleans for days and safely reverts back to water and O<sub>2</sub>.



## Efficiency

Eliminates the need to purchase, transport, distribute, store and restock inventory of multiple cleaning and sanitizing products.



FROM THIS



TO THIS



## Health & Safety



- Improved Health & Safety - non-toxic solution reduces exposure to harsh chemicals for cleaning staff, clients & visitors.
- Does not leave fumes or residues drastically reducing slip and falls, as slip co-efficient testing exceed industry standards.
- Safe for human contact, yet exceeds Green Seal Standards (GS-37 and GS-53) as industrial cleaner.
- Protects people with allergies or sensitivities as SDS is 0-0-0-A.
- Simplified and standardized safety training.

HEALTH	/ 0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A



SAO's MSDS



## Cost Savings

TERSANO COST PER LITRE						
Tersano Cartridge Model	Amount of Stabilized Ozonated Water Produced	How long does the Ozonated Water Last?	Cartridge Cost	Cost per Litre of Ozonated Water	Cost per room to shampoo carpet	Cost to clean a guest room
Tersano SAO-24 Cartridge	3000+ Litres per cartridge	6 Days as a cleaning liquid; 24 hours as a sanitizing liquid	SGD 750.00	S\$0.25 per litre	About 6 litres of SAO24 or S\$1.50	Less than 1/5 litre or S\$0.05 per room
Tersano SAO-4 Cartridge	5,000+ litres per cartridge	3 days as a cleaning liquid; 4 hours as a sanitizing liquid	SGD 800.00	S\$0.16 per litre	About 6 litres of SAO4 or S\$0.96	Less than 1/5 litre or S\$0.03 per room



# TERSANO SAO – RESULTS!



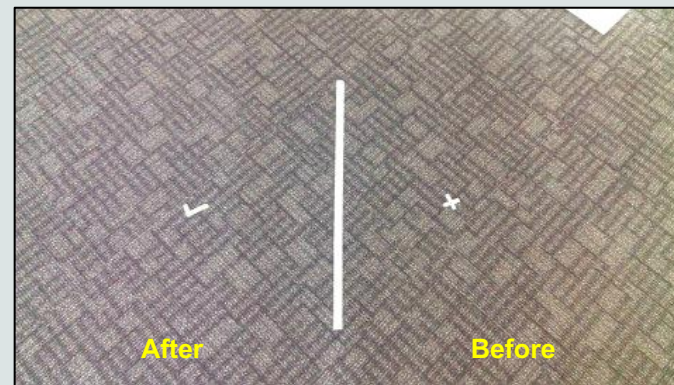
Tersano SAO Cleans Kitchen Floor Grease



Shampoo carpet with Tersano SAO



Coffee stains come right out



Before and after using Tersano SAO



# TERSANO SAO – MORE RESULTS!



Treadmill on/off button



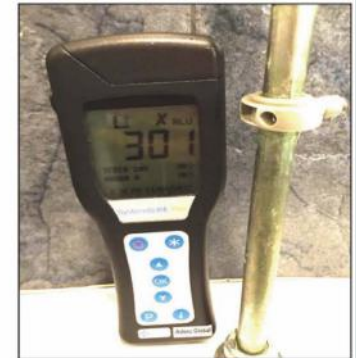
Hotel entrance/exit door handle



Exercise equipment for training the muscles of the back, shoulders and chest muscles



Baseline swab test of male urinal before application of Tersano Ozonated Water



Bacterial count results after pouring just 4 cups of Tersano Ozonated Water on urinal.



Baseline swab test of canteen table before application of Tersano Ozonated Water



Bacterial count results after wiping the canteen table with a paper towel and Tersano Ozonated Water

BEFORE AND AFTER SAO APPLICATION  
SWAB TESTS AT A 5 STAR SINGAPORE HOTEL



Incline bench in the gym



Fresh shrimp (before and after washing with ozone once)



Spoon at the noodle shop



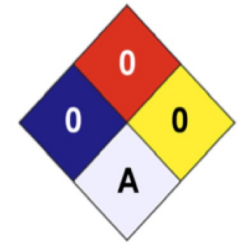
STAINLESS STEEL FOOD PREP TABLE  
FROM 2441 RLU TO 52 RLU



# SAFETY –

Tersano cleans better than chemicals  
but it is so safe you can drink it!

HEALTH	/ 0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A



Tersano Ozonated Water is so safe you can wash your face with it.



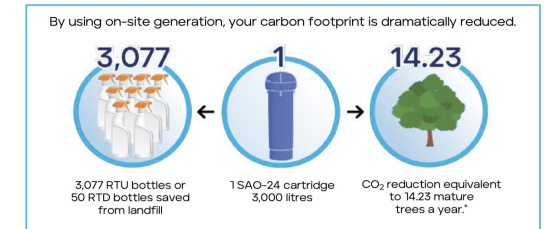
Singapore 5-star hotel employee enjoying “Tersano” tea!

Simple • Safe • Sustainable

# Sustainability and ESG

SAO is biodegradable and reverts to water and oxygen.

SAO can be disposed down the drain without negatively impacting our waterways.



GO FROM THIS



TO THIS



TO ELIMINATE THIS



tersano®

Simple • Safe • Sustainable



# tersano SAO® Is An **All-in-One** Cleaning Solution

By investing in the culture of sustainability and innovation, companies are positioning themselves as a leaders in facility management services for future generations.

## SAO

- ✓ Glass & Mirror
- ✓ Floors & Carpet
- ✓ Stainless Steel
- ✓ Restrooms
- ✓ Tables & Chairs
- ✓ Sanitizers
- ✓ Deodorizers
- ✓ Food Contact Surfaces

Floors, Walls  
Commercial Kitchens  
Bin Centres, Toilets  
Hospitals, Clinics  
Childcare Centres, Schools  
Supermarkets  
Robotic Scrubbers  
Airports



All-in-One SAO®



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# Thank You! ProMedUSA is proud to be your local tersano dealer.

tersano provides a non-toxic and safe solution to clients globally:



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Fraser Suites, Sukhumvit Bangkok  
GlaxoSmithKline, Singapore  
Gleneagles Hospital, Singapore  
Integrated Property Management Pte Ltd  
KH Roberts Pte Ltd, Singapore  
Khoo Teck Puat Hospital, Singapore  
LDM Marketing Pte Ltd, Singapore  
Liat Towers, Singapore  
Living Green Pte Ltd, Singapore  
Modena by Fraser, Bangkok  
Mt. Elizabeth Hospital, Novena, Singapore  
ProCare Cleaning Pte Ltd, Singapore  
Securcomm Solutions Pte Ltd, Singapore  
Sodexo, Singapore  
The French International School, Singapore  
The Orchard Hotel, Singapore  
THK Home for Disabled at Chai Chee,  
THK Home for the Disabled, Eunus  
THK Home for the Disabled, Sembawang  
American Express

AON  
Avis Rent-A-Car  
Bank of America  
BBC  
BNP  
Budget Rent-A-Car  
Canary Wharf, London  
Carnival Cruise Line  
Citibank  
Compass Group  
Deloitte  
EDF Energy  
Emirates Stadium, London  
Engie, UK  
Excalibur Hotel, Las Vegas  
Ford Motor Company  
Glaxo Smith Kline  
Heathrow T4, London  
Hertz Car Rental Agency  
Holland America Line  
HSBC  
ISS  
JP Morgan Chase

Kimberley Clarke  
KPMG  
Luxor Hotel, Las Vegas  
McDonald's  
Nokia  
Morgan Stanley  
PepsiCo  
Price Waterhouse Cooper (PWC), London  
Procter and Gamble (P&G)  
RBS  
Samsung  
Santander  
Société General  
Sodexo  
The British Library, London  
The Eiffel Tower, Paris  
The Louvre Museum, Paris  
Transport For London  
UBS  
Virgin Atlantic  
Walt Disney World, Orlando  
Wimbledon  
Wembley Stadium, UK

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