# tersano®

# Stabilised Aqueous Ozonated Water

A Simple, Safe, Sustainable and Chemical Free Cleaning Solution





IClean Mini

IClean FLO

### **CERTIFICATIONS**





























#### Just a few of our many local and global clients:

Tersano provides a non-toxic and safe solution to clients in Singapore and globally:























ON LOCH LOMOND





































Microsoft













thistle



























#### Why use Tersano?

#### **Environmental**







- Tersano is absolutely harmless to the environment. No more disposal of chemicals in Singapore's ecosystem, water supply and drains. Tersano reverts back to plain, safe drinkable tap water and oxygen. It will not harm our water supply or environment.
- Dramatically reduce your carbon footprint with Tersano's on-site, on-demand production. Eliminate transportation costs, storage costs and disposal issues for your present chemicals.
- Tersano eliminates the need to purchase, transport, store, distribute, restock, and mix your inventory of multiple cleaning products.
- Eliminate tens of thousands of empty plastic bottles and containers from being dumped in landfills, waste dumps or recycle bins.
- Tersano is Green Seal Certified: GS-37 and GS-53 standards.
- Tersano is certified compliant with LEED and the BOMA BESt standard



# The tersano systems create SAO® 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.



#### Sustainability and ESG



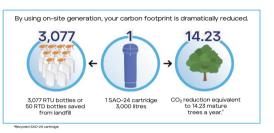






SAO is biodegradable and reverts to water and oxygen.

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



**GO FROM THIS** 











# SAFETY -

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







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



Singapore 5-star hotel employee enjoying "Tersano" tea!

#### Why use Tersano?

#### **Ease of Use**

- Tersano Ozonated Water replaces 80% of the chemicals you currently use.
- Tersano cleans with no residues, with no streaking
- Tersano Ozonated Water deodorizes and sanitizes (99.999% bacteria kill rate) on contact, as it cleans
- Tersano is an All-in-One cleaning solution. Tersano can be used on <u>all surfaces</u> including Glass, Mirrors, Stainless Steel, Chrome, Stone, Marble, Granite, Tiles, Vinyl, Laminated Surfaces, Hardwood Floors, Toilets, Bathrooms, Showers, Grout and Silicon, Kitchens and Degreasing, TV's, Appliances, Computer Screens, Dining Areas, Food Preparation Areas and Carpets
- Tersano Ozonated Water is produced instantly, on demand, from plain tap water. No more mixing of chemicals. No more storage of chemicals.
- No handling of dangerous concentrated chemicals
- No possibility of human error
- No need for protective gloves, goggles or clothing



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

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









tersano®

#### **Some Typical Tersano SAO Applications**

































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Carpets • Stone • Marble • Granite • Stainless Steel • Chrome • Wood Floors • Mirrors • Glass • Windows • Toilets • Bathrooms and Showers • Tile • Linoleum • Kitchens

#### Why use Tersano?

### **Profitabilty and Cost**

- One liter of Tersano Ozonated Water cleans as effectively as the chemicals you are now buying, but costs 15-45% less (liter to liter comparison)
- Documented overall reduction in cleaning time of 17 to 23%. (Example: Staff at the Luxor Hotel in Las Vegas went from 13 rooms to 17 rooms/day)
- Chemicals leave residue behind that attract and hold dirt. Tersano removes that residue and leaves nothing but a clean, streak free surface behind. Your staff will clean the same surfaces *less frequently*. Mirrors, glass, windows stay clean longer.
- Bathroom, toilet and washroom cleaning is simplified. Tersano Ozonated Water kills odours, mold, mildew on contact. Black and green shower mold is quick and easy to remove. Once removed it does NOT come back.
- Much lower maintenance and replacement costs for your furniture, fixtures and cleaning equipment. Chemicals will dull and damage surfaces, clog and destroy cleaning equipment. Tersano will not. Your scrubbers, carpet cleaners furnishings and fixtures last longer.
- Carpets last much longer with Tersano. They are cleaner, softer, and the mold and mildew smell is gone. Walt Disney World reports that their carpets last up to 20% longer and look fresher.



### **Efficiency**

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





#### 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.





SAO's MSDS



### **Cost Savings**

TERSANO COST PER LITRE						
Tersano Cartridge Model	Stabilized Ozonated	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

## 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-eq</sub> reduction goals.



### **TERSANO SAO - RESULTS PG 1**

**BEFORE** 

**AFTER** 



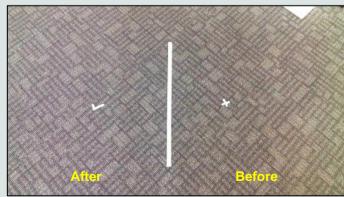


Tersano SAO Cleans Gym Carpeting



Coffee stains come right out

Shampoo carpet with Tersano SAO



Before and after using Tersano SAO

### **TERSANO SAO – MORE RESULTS PG 2**



Treadmill on/off button



Hotel entrance/exit door handle



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



Incline bench in the gym



Fresh shrimp (before and after washing with ozone



Spoon at the noodle shop



application of Tersano Ozonated Water



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





STAINLESS STEEL FOOD PREP TABLE FROM 2441 RLU TO 52 RLU

#### **TERSANO SAO RESULTS PG 3**



# SWAB TEST – SINGAPORE FAST FOOD RESTAURANT

(THEY WEREN'T LOVIN' IT!)

**BEFORE: 581RLU AFTER: 57 RLU** 



Results before cleaning with Tersano SAO Table #1



Results after cleaning with Tersano SAO
Table #1



Control Table – not cleaned Table #2

#### Scan for some video testimonials



Tersano at a major Singapore Bank



**Tersano at Windsor Hospital** 



Tersano at Domino's Pizza



**Tersano at Canadian Tire** 



Tersano as used by Havencab (one of Australia's largest commercial cleaning companies)



Tersano at F45 Gym



Tersano at Frasers Suites Sukhumvit Bangkok



Tersano at Frasers,

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