

tersano[®]

terra [earth/land], **sano** [healthy]

Simple • Safe • Sustainable

Who We Are

Tersano Inc. is a Canadian privately held innovations company based in Windsor, Ontario, with offices and distribution centers worldwide. tersano is committed to advancing environmentally safe and healthy **cleaning, sanitizing** and **deodorizing** technologies.



What We Do

tersano develops and manufactures devices that produce **Stabilized Aqueous Ozone (SAO®)**. This patent protected technology is offered to commercial customers globally. SAO® is an approved cleaner, sanitizer, and deodorizer by multiple regulatory and government agencies.

Where We Serve

tersano serves varied clients in several industries including healthcare, education, manufacturing, hospitality, airports, and office facilities world-wide.

Clients include large facility support services, QSRs and building service contractors.



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.



SAO[®] Dispenser with SAO-24 Cartridge & Desiccant Filter



- Faucets
- Laundry
- Ice Machines
- Beverage Lines

iClean[®] FLO₃



iClean[®] mini



PROscrub
Ready-to-Dispense &
Ready-to-Use



[SEE HOW IT WORKS!](#)



Video available on [YouTube](#) or [tersano.com](#)

Innovation

iClean® Dashboard

Using IoT, **iClean Dashboard** collects and reports data from the lotus PRO V9 in real-time to help you monitor inventory, enhance productivity, and track sustainability goals.



lotus® Water Treatment System

- Automated treatment eliminates manual deep cleaning of water lines, reducing labour and minimizing the risk of human error
- Greatly reduces risk of waterline contamination
- Inhibits growth of pseudomonas and coliform without introducing toxic chemicals into water lines
- Continuous cleaning prevents biofilm formation



iClean FLOs for ice machines



lotus® Water Treatment System

Future Innovation

iClean® Hands

- Transforms tap water into a hand sanitiser on demand using ozone technology
- Dermatologically tested and approved for sensitive skin
- 100% alcohol free



How SAO Works

This patent-protected technology creates Stabilized Aqueous Ozone (SAO[®]), 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 3rd 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 (O₃) 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[®] 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*



Step 1

Oxygen (O₂) from the air is safely turned into O₃, 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 O₂.



Efficiency

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



BEFORE



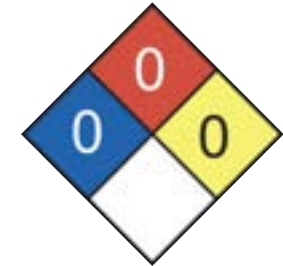
AFTER



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.



Cost Savings

Global clients report cost savings in:

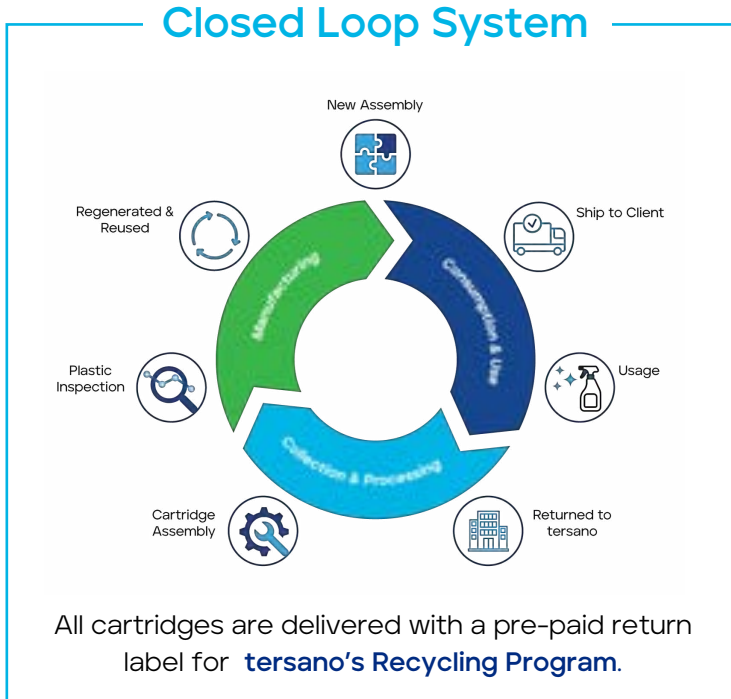
- | | | |
|---------------------|-------------|----------------|
| • Labour | • Time | • Productivity |
| • Water | • Equipment | • Expenditures |
| • Natural Resources | | |

Sustainability



SAO is biodegradable and reverts to water and oxygen.

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



By using on-site generation, your carbon footprint is dramatically reduced.



3,077 Ready-to-Use bottles or 50 Ready-to-Dispense bottles saved from landfill

1 SAO-24 cartridge 3,000 litres

CO₂ reduction equivalent to 14.23 mature trees a year.*

*Recycled SAO-24 cartridge.



Less packaging and emissions translates to less in our landfills and to the planet.

Track data in real-time on the **iClean Dashboard!**

tersano SAO[®] Is An All-in-One Cleaning Solution

By replacing up to 90% of cleaning chemicals, SAO simplifies product management and cleaning processes while enhancing safety and sustainability.

