

# tersano<sup>®</sup>

**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 system creates SAO® on-site and on-demand. It is compact and fits easily into all janitor's closets.

The system provides an effective, innovative and sustainable cleaning, sanitizing, and deodorizing solution.

Tersano's clients continue to contribute to the health of people and planet through the elimination of harsh chemicals.

Tersano eliminates the need to purchase, transport, distribute, store, and restock multiple cleaning products.

SAO technology is patent-protected and revolutionary. It creates an all-in-one solution, approved for sanitizing up to 24 hours and cleaning for 6 days.



*Let's see how it works ...*



SAO-24 Cartridge  
& Desiccant Filter



SAO® Dispenser



iClean® PRO



PROscrub  
RTD & RTU

# *Let's see how it works*

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



# 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 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® 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.



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
- Water
- Natural Resources
- Time
- Equipment
- Productivity
- Expenditures



# Sustainability

## Benefit Of Switching From Chemicals To SAO

By using on-site generation, your carbon footprint is dramatically reduced. Less packaging and emissions translates to less in our landfills and to the planet.



SAO is currently eliminating over  
**672,453,000 LITRES\*** or  
**4,229,264 BARRELS OF CHEMICALS**  
from going down the drain or into a landfill each year

\*as of March 2021

SAO reverts back to water and oxygen, and can be disposed down the drain without negatively impacting our waterways.



All cartridges are delivered with  
a pre-paid return label for  
**Tersano's Recycling Program.**





# 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.

## Applications

- ✓ Floor & Carpet
- ✓ Stone, Marble, Ceramic
- ✓ Hardwood, Vinyl
- ✓ Walls
- ✓ Floor & Carpet
- ✓ Stone, Marble, Ceramic
- ✓ Sinks and Faucets
- ✓ Hardwood, Vinyl
- ✓ Walls
- ✓ Seatings and Tables
- ✓ External Terraces
- ✓ TV, Computer Screens
- ✓ Hand Rails
- ✓ Glass and Mirrors

*\*Note: SAO is an approved 5-log reduction sanitizer.  
A hospital-grade disinfectant may be required in select situations.*





# Thank You!

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

