Introducing a Cleaning Solution that is Both Natural, and Very Effective for Cleaning and Sanitizing
tersano™ is not just about Sanitizing
terra [earth/land], sano [healthy]

Great Cleaning Capabilities
with no residue

Fast and Safe Sanitizing
with no toxins

CLEAN BETTER - WITH NATURAL CHEMISTRY
Imagine a World With Less Chemistry

- Less Expensive
- Fewer Irritants
- Easier on Environment
- Better for Cleaners
- Better for Health
- Fewer Accidents
- Cleaner "Downstream"
- Easier Clean-up
- Less Risk
So, Instead of Toxic Chemicals, Lotus Pro® Offers an Approach that has Been Cleaning the Outdoors Very Well for Billions of Years.
3 STEPS DIRECT FROM NATURE

1. Oxygen from the air is safely turned into ozone, then infused into ordinary tap water.
2. Ozone is attracted to germs, soils and bacteria and quickly eliminates contaminants.
3. Works for hours, then simply and naturally converts back to water and oxygen.

Better for patrons, staff and cleaners

- **NON-IRRITANT** to respiratory and allergy problems
- **EXCEPTIONAL SAFETY** (SDS 0-0-0-A)
- **REDUCTION OF SLIP/FALL HAZARD**
- **ELIMINATES CHEMICAL EXPOSURE**
- **FEWER RISKS** in-use and “downstream”

Lower cleaning costs

- **DRAMATICALLY REDUCES CHEMICAL INVENTORY – REPLACE WITH WATER**
- **ALL-IN-ONE SOLUTION**
- **SAVINGS** versus conventional cleaners (gallon to gallon)
- **LOWER MAINTENANCE COST** related to cleaning equipment
- **MEETS SUSTAINABILITY INITIATIVES**

Environmental excellence

- **HARMLESS TO THE ENVIRONMENT** when disposed
- **REDUCTION OF CARBON footprint**
- **RECYCLABLE**

**PUR-O-ZONE**
STABILIZATION IS THE KEY, AND A MAJOR ADVANTAGE OF THE TERSANO LOTUS PRO SYSTEM. IT HAS REVOLUTIONIZED THE HEALTHY CLEANING PROCESS.

4 HOURS OF SANITIZING TIME
1600 GALLONS CARTRIDGE LIFE
Based on a flow rate of 3gpm

3 DAYS OF CLEANING TIME

24 HOURS OF SANITIZING TIME
800 GALLONS CARTRIDGE LIFE
Based on a flow rate of 3gpm

6 DAYS OF CLEANING TIME
8 STEPS TO STABILIZED AQUEOUS OZONE

1. Cold tap water enters the lotus® PRO Stabilization Module.
2. The lotus® PRO Stabilization Module mixes with the cold tap water stream, expanding the cleaning time up to 24 hours.
3. Treated water leaves the lotus® PRO Stabilization Module.
4. Water passes through the FloJet connector, which prevents backflow with air lock, then enters the lotus® PRO High Capacity Unit.
5. Oxygen enters the dispenser through the replaceable filter cartridge.
6. 4,500 volts of electricity transforms \( O_2 \) to \( O_3 \).
7. Ozone gas that is not saturated in the water is separated and safely dispensed as oxygen.
8. Stabilized Aqueous Ozone leaves the dispenser to fill mop buckets, trigger sprayers, and auto scrubbers.

* For support reference, visit our website at www.tersano.com

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### Timeline of Aqueous Ozone Acceptance

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
</tr>
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<tbody>
<tr>
<td>1908</td>
<td>Water Purification France</td>
</tr>
<tr>
<td>1940</td>
<td>US Naval Academy Pool</td>
</tr>
<tr>
<td>1976</td>
<td>Antimicrobial Approval</td>
</tr>
<tr>
<td>1982</td>
<td>IBWA Bottle Water Approval</td>
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<tr>
<td>1984</td>
<td>Competition Pools Use</td>
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<tr>
<td>2001</td>
<td>Organic Program Approval</td>
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<tr>
<td>2002</td>
<td>Food Safety Approval</td>
</tr>
<tr>
<td>2002</td>
<td>Tersano Founded</td>
</tr>
</tbody>
</table>
8 Fun Facts About Cleaning With Water and Oxygen

1. Sunlight and lightning create ozone naturally when their energy adds an extra oxygen atom to some of the $O_2$ molecules available in our air. Air is made up of about 79% nitrogen, 18% oxygen and 1% other trace gases such as argon and carbon dioxide.

2. When $O_3$ is infused into water it becomes aqueous ozone, which is nature’s healthiest heavy-duty cleaner.

3. In aqueous ozone, the extra atom is a natural-born cleaner. It actively seeks out germs and contaminants then destroys them.

4. Food processing, beverage and pharmaceutical industries have used aqueous ozone for decades for its power and safety.
5. Even at 3000 times faster and 50% stronger than chlorine bleach, Lotus PRO still leaves zero residual chemicals, fumes or streaks.
6. Just like oxy-chemicals, aqueous ozone gets its cleaning power from the extra oxygen atom which kills germs and cleans through oxydation.
7. Unlike oxy-chemicals (or any chemicals) it later reverts back to water and oxygen, and is safe enough for a babies’ skin.
8. The EPA and FDA have both approved its use for sanitizing, and the USDA says aqueous ozone meets strict Organic Program criteria for natural sanitizers.
Widely Approved and Certified

GS-37 and GS-53
Verification Tools

- ATP
- Ozone strips
- ORP
Northern Maine Study

Door Handle before and after

Sinks before and after
SAFETY SUMMARY

• Perfect 50 out of 50 points for safety
• Proven effective soil removal on all surfaces
  • Neutral pH
  • VOCs are zero
• Global warming contribution is zero
  • Ozone depletion effect is zero
  • HMIS is zero
  • NFPA is zero
Real-World Cleaning

No, it’s not dark ale! This is soil removed from Carpet at a major casino in Vegas.

Cleaning swath along carpet at a major university
BEFORE
Southeast Community Center
Swope Park
Kansas City, MO
AFTER
Tyrone Duckworth
PUR-O-ZONE

AFTER
Jason Stearns
Advance
Testimonials

• Forney, Texas, School ISD: savings of $60,000 per year...

• University of Michigan Housing: savings of $50,000 per year...

• Northern Maine Community College: confirmed sanitizing efficacy...