

As **Green As You Can Get!**

FM&RE: Custodial Department

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About Ozone

- Ozone (O₃) is a powerful sanitizer that:
- Effectively deodorizes, disinfects and destroys fungi, mold, allergens and bacteria
- Is made up of three oxygen atoms and is readily found in nature
- Has long been used in water treatment, food sterilization and medical therapies for its remarkable anti-viral, and anti-fungal properties
- Rapidly oxidizes bacteria it comes in contact with, then converts safely back into Oxygen (O₂)
- Only pure oxygen and water remain after the ozone cleans and sanitizes.
- Harmless to people, the ozone quickly attacks and eliminates contaminants it comes in contact with.
- The ozone is attracted to germs, stains and bacteria.
- Inside the Lotus® unit, oxygen from the air is safely turned into ozone then infused into ordinary tap water.

Our Realizations

- Very effective general surface cleaner, disinfectant, deodorizer, S.S. cleaner, carpet extraction fluid,
- glass cleaner, stain remover all with no rinsing necessary...
- Regulatory approval by EPA, FDA, OSHA, CSA, UL – Meets highest safety & performance standards
- Unanticipated benefit: equipment is in better shape as the aqueous ozone runs through it
- Reduces: manufacturing, packaging, shipping, warehousing (storage), distribution, pollution
- Does not create “slick” floors when spraying, mopping or scrubbing
- Removes years of soaps and detergents from carpets
- No chemicals in the air when spraying and cleaning confined spaces (restrooms, conference rooms)
- No risk if accidentally sprayed on oneself or others
- No PPE required, no requirement to report large spills and releases
- Don't have to remember which chemical to use on what surface
- Kills bacteria, germs, viruses, mold spores, parasites, fungus
- Replaces the following chemicals:
 - **100 SS All Purpose Cleaner**
 - **Defoamer**
 - **Carpet pH Rinse**
 - **Green Select Bathroom Cleaner**
 - **Re-Juv-Nal**
 - **Neutralizer**
 - **Carpet Pre Spray**
 - **Top Clean**
 - **Suprox**
 - **Carpet Pre-Spray and Extraction**

Lotus PRO Unit

- *lotus® and Tersano™ are trademarks of © 2005 Tersano .*
- **Approved. Proven. Powerful.**
- Chemical-Free Cleaning, Sanitizing & Stain Removal.
- 1-800-808-1723
- www.tersanoprofessional.com
- **Nothing but clean, and nothing less than hours of sanitizing time.**
- **Nothing left of dirt, grease, grime, stains, oil, odors and germs. And nothing doing when it comes to chemicals, residues or rinsing. Think nothing of cleaning and sanitizing any surface - glass, ceramics, fabrics, chrome, carpets, linoleum, upholstery, tile, wood, plastic, stone, mirrors, vinyl, leather and painted surfaces.**



1. Cold tap water enters thru lotus PRO stabilizer module and into the device.
2. Oxygen enters device through replaceable filter cartridge.
3. 4,500 volts of electricity transforms Oxygen (O_2) to Ozone gas (O_3).
4. Ozone is then mixed with cold tap water stream creating "aqueous ozone".
5. Ozone gas not saturated in tap water is separated and safely discharged as oxygen.
6. Aqueous ozone leaves dispenser at 2.5gpm to fill trigger and back-back sprayers, mop buckets, carpet extractors, auto scrubbers and fruit / vegetable misting systems.



Some of the Benefits

- **Human Health and Safety**
- University of Massachusetts Lowell Laboratory
- No Exposure to Chemicals
- No Negative Impact on Indoor Air Quality
- No Allergens or Toxins
- **OSHA** Hazard Communication Standard
- **TURI** (Toxics Use Reduction Institute)
- **HMIS** Rating: (0,0,0,A)
- **Safety Rating: TURI - 50 (maximum safety score)**

- **Peace of Mind**
- **FDA Safe Designation:** 21CFR184.1563
- **USDA:** Organic Program compliant
- **EPA Site Registration No.:** 82126-CHN-001 (Trigger Sprayer Only)
- **OSHA Safety Compliance:** Off-gas O₃ < .01 ppm PEL
- **TURI Testing:** Safety screening score: 50 out of 50. Zero global warming; Zero ozone depletion; Zero VOCs
- http://www.cleansolutions.org/?action=product_info&product_id=803
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- **CSA & UL:** USA and Canada compliant (pending)
- **NSF** Testing and Registration - pending as of April 2012
- **Green Standard: Exceeds** Green Seal Environmental Standards for Industrial and Institutional Cleaning (GS-37)
- **Surpasses** GS-37 Section 4.0 Product-Specific Health and Environmental Requirements

- Canadian Standards Administration (CSA)
 - * Tested for Electrical Safety and Ozone Emissions
 - * Confirmed to meet or exceed UL Standards

- **Lotus PRO Advantages Fast & Powerful**: Kills viruses and bacteria including E.coli, salmonella, MRSA, C-Difficile, and other common germs. 3000 times faster and stronger than bleach and chlorine-based cleaners.
- **Cost Effective**: Eliminate the need to restock multiple cleaning chemicals.
- **Completely Green**: 100% chemical-free. No toxins, carcinogens or chemical residues. [EPA](#), [FDA](#), [TURI](#), [CSA](#), [UL](#) and [OSHA](#) compliant.
- **Stain Removing**: Treats stains in carpets, upholstery, clothes, curtains, bedding, etc.
- **Scent Free**: Leaves no residual fragrances.
- **Neutralizes Odors**: Kills 99% of odor-causing bacteria.
- **Filter Indicator Light**: Alerts you when it's time to replace the filter.

Home Unit is Available



Lotus PRO Trigger Spray Cleaning System

Specifications Treatment Process: Ozonation

Spray Bottle Capacity: 50 oz. / 1.5 liters

Processing Time: 2 minutes

Cleaning Duration: 45 minutes

Sanitizing Duration: 15 minutes

Contaminants Neutralized by Ozone: 99.99% of all common pathogens

Weight: 7 lbs.

Dimensions: 11" L x 9" W x 13" H

Call 294-8109 ask for Lotus PRO home unit.