

# CLEANING HAS NEVER BEEN GREENER!



Caring for the environment and providing a healthy workplace are demanding tasks that offer unquestionable long term benefits. Determining what is truly "environmentally friendly" or "green" has been a confusing process. The development of recognized standards greatly improves our ability to make purchasing decisions that contribute to the sustainability of a healthy environment for all.

The presence of the Triple S EarthCare® seal indicates that a product meets "green" standards from a recognized organization (such as Green Seal, USGBC or the EPA) or the product offers significant features that contribute to the preservation and sustainability of a healthy environment. Look for the Triple S EarthCare® seal when you want to make the places where we work, live, learn and play healthier.

## Preservation of the Environment

- No Chemical Waste
- Reduce Consumption of Natural Resources
- No Air Pollutants
- Minimal Impact on Carbon Footprint
- Reduce Packaging
- Reduce Supply Chain Costs
- No Negative Impact on Wastewater Treatment

## Labor Savings

- Eliminates Rinse Step**
  - Liquid ozone reverts back to water and oxygen and leaves no chemical residues
- No Safety Training Required**
  - OSHA (HMIS – 0,0,0,A)
- Eliminates 5-6 Products from Supply Closet**
  - Reduce On-site Storage/Product Preparation
- Reduce Trips to Custodial Closet**
  - Fill Spray and Mop Refill Bottles and Charge as Needed

## O<sub>3</sub> Works As A:

- Hard Surface Cleaner* • *Food Contact Surface Cleaner* • *Neutral Cleaner* • *Fabric & Room Deodorizer* • *Mildew & Mold Remover*

## Human Health and Safety

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

## Peace of Mind

- EPA Regulated Device
  - EPA Est. No. 82126-CHN-001
- FDA Approved Process
- NSF Registration (*Pending*)
- 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

## O<sub>3</sub> Works On:

- Glass & Mirrors* • *Hard Surfaces & Floors*
- *Carpet* • *Bathroom Fixtures and more...*

| Item   | Case  | Item No.   |
|--|-------|------------|
| O <sub>3</sub> Charging Station & 1 Spray Bottle | 1/cs  | 80001      |
| Filter Cartridges (6/4 pks)                      | 24/cs | 80002      |
| Spray Bottles, 650 mL (22 oz.)                   | 12/cs | 80003      |
| Mop Refill Bottles (11.5 oz.)                    | 12/cs | 80004      |
| High Capacity Unit                               | 1/cs  | 80005      |
| 3M Easy Scrub Express Mop Tool w/Holder 16"      | 1 /cs | 3M • 59051 |
| 3M Easy Scrub Express Caddy                      | 6 /cs | 3M • 59054 |



## Professional Cleaning System

*The Safest and Healthiest Way to Clean*



Distributed by:





# Professional Cleaning System

The Triple S O3 Professional Cleaning System turns ordinary tap water into the world's most effective chemical free cleaning agent, Liquid Ozone.

Powered by



The O3 System creates Liquid Ozone by filtering oxygen molecules (O2) from the air, and passing them through 4,500 volts of electricity, transforming them into ozone (O3) and then infusing the ozone into water. The electricity causes the oxygen molecules (O2) to separate into oxygen atoms (O) which are unstable. These unstable oxygen atoms readily combine with other oxygen molecules in an effort to stabilize, creating ozone. The ozone is then infused into water, creating Liquid Ozone.

Liquid Ozone is a safe, natural oxidizer, cleaner, and sanitizer.

Liquid Ozone will remove soil, odors, stains, mold, mildew and many other contaminants on any item or surface, including food.

Built into each of the O3 Cleaning Systems Charging Stations is a micro processor that confirms the successful creation of ozone.

## How Liquid Ozone Cleans

Liquid Ozone cleans by reacting with large organic compounds, such as proteins. Proteins are considered the building blocks of all organic matter. Proteins are composed of strings of amino acids, held together by peptide bonds. Essentially the unstable 3rd oxygen atom breaks these peptide bonds, destroying the proteins, leaving behind base amino acids. These base amino acids then continue to react with ozone and break down into even smaller inert inactive matter.

Liquid Ozone attacks organic matter on hard surfaces, breaking it down into smaller particles and suspending it in solution. The wipe of a cloth or mop removes the suspended soil from the surface.

Liquid Ozone can breakdown red wine, tomato juice, fatty acids, oils, dyes, urine, mold, mildew, coffee, tea, etc.

After being charged, Liquid Ozone can clean for approximately 40 minutes.

### It's as simple as...

#### 1 Spray

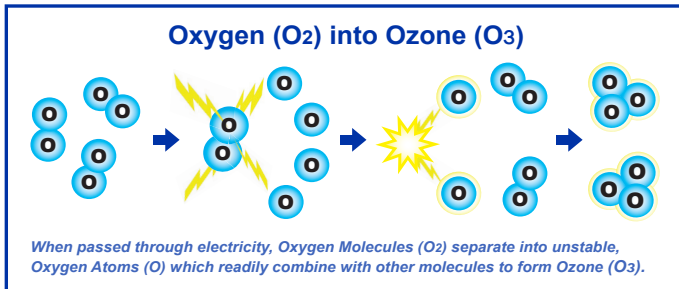
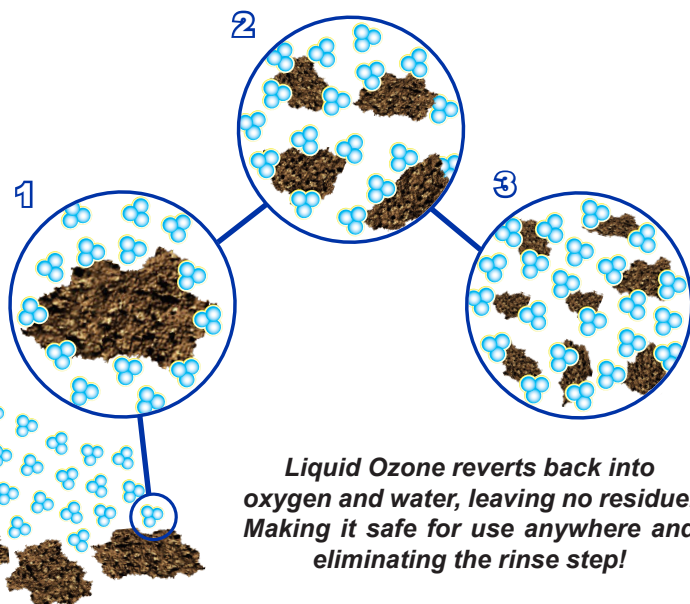
After charging, (approximately 2 minutes) spray area to be cleaned. Liquid Ozone works fast to attack, and break down organic matter on hard surfaces.

#### 2 Set

Allow Liquid Ozone time to work. Let dwell for about 60 seconds, depending on soil buildup.

#### 3 Wipe

Simply wipe away with a microfiber cloth or mop. Liquid Ozone begins to revert back into oxygen (O2) and water, keeping the small particles suspended in solution.



## How Liquid Ozone Sanitizes

In accordance with EPA protocol, the Liquid Ozone created by the O3 Professional Cleaning System device, has been proven effective as a sanitizer.

Liquid Ozone kills bacteria in much the same way as a chemical agent in that they both attack the cell wall. In the case of Liquid Ozone however, bacterial cells absorb it just as they would water, and then Liquid Ozone ruptures the cell wall from the inside out, destroying the cell.

Once these cells are killed, they are suspended within the solution and can easily be removed from the surface with the simple wipe of a microfiber cloth or mop.

Liquid Ozone works as a powerful sanitizer for up to fifteen minutes after charging.

## Spray & Wipe Cleaning System



The O3 Spray & Wipe System Cleans and Deodorizes.

This system is ideal for all spray and wipe applications, in any environment. Use it on all hard surfaces. O3 leaves no chemical residue, eliminating the rinse step!

"Green Clean" classroom with confidence. Use it on desks, chairs, white boards and windows - all without harsh chemicals that can effect the health of students, faculty or staff.

The Spray & Wipe Cleaning System is also

effective on glass, mirrors and bathroom fixtures. Eliminate germs on faucets, handles and door knobs. Remove mold and mildew from drains and eliminate soap scum buildup. Ozone has a long history as a very effective deodorizer.

You can replace five or six chemical cleaners with a single, safer alternative!

### The Spray & Wipe Cleaning System:

O3 Charging Station & 1 Spray Bottle • Product No. 80001

Filter Cartridge • 24/cs • Product No. 80002

Spray Bottles, 650 mL (22 oz) • 12/case • Product No. 80003

## High Capacity Cleaning System

The High Capacity Cleaning System for Auto Scrubbers and Carpet Extractors.

The High Capacity Unit can be mounted inside custodial closets. Fill your auto scrubbers or carpet extractors and clean large areas easily without having to worry about harsh chemicals or odors.

"Green Clean" classrooms and corridors without any potential adverse effects to the health of students, faculty or staff.

The High Capacity Station operates with the same filter cartridge as the Spray & Wipe and Floor Cleaning Systems.



### The High Capacity Cleaning System:

High Capacity Unit

• Product No. 80005

\* Filter Cartridge, Auto Scrubber, and Carpet Extractor sold separately



## Floor Cleaning System

The O3 Floor Cleaning System Cleans and Restores.

This system is perfect for cleaning floors in a broad array of facilities. Works on any resilient floor surface. No chemical residues means no rinsing, which saves time and money. Not to mention the health benefits for all building occupants. As well as the environmental advantages - no negative impact on wastewater treatment or indoor air quality.

The O3 Floor Cleaning System's Mop Refill Bottle uses the same charging station as the Spray & Wipe System. Squeezable bottles allow for easy dispensing. Each bottle holds 11.5 ounces of Liquid Ozone and cleans about 300 square feet, depending on soil buildup.

The Mop Refill Bottle is specifically designed to fit the 3M Easy Scrub Express Mop stick.

### The Floor Cleaning System:

Mop Refill Bottles (11.5 oz)

• 12/case • Product No. 80004

3M Easy Scrub Express Mop Tool

• 1/case • 3M Product No. 59051

3M Easy Scrub Express Caddy

• 6/case • 3M Product No. 59054



\* Filter Cartridge and 3M Easy Scrub Express Mop sold separately

## Filter Cartridge

The Filter Cartridge Ensures the System is Working Properly.

The Filter Cartridge is the keystone element of the O3 systems. It's what allows the O3 Charging Station and High Capacity Unit to create Liquid Ozone. Each filter cartridge produces 650 charges.

The Filter Cartridge purifies the oxygen in the air, greatly speeding up the process of creating ozone.

The O3 Charging Station will only operate with a Filter Cartridge.

### Filter Cartridges:

Filter Cartridges • 24/cs • Product No. 80002

## Booster

The Booster Extends the Cleaning Power of O3

Adding the Booster to the water before charging, can extend the sanitizing power of O3 from 15 to 45 minutes, and the cleaning power of O3 from 45 to 120 minutes. The Booster stabilizes the ozone by slowing down the natural process of ozone reverting to oxygen.

### Acetic Booster:

Booster Packets • 2000/cs • Product No. 80006

