

Toxic-Free Cleaning and Sanitizing in Hospitals

The SAO system creates SAO on-site on-demand. It's compact and fits easily into janitor closets.

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

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.



Benefits

When used as directed, the Tersano/SAO system.



Reduces chemicals on surfaces and air.



Kills 99.99% of SARS-CoV-2, MCV-3 and many other bacteria and viruses in 1 minute.



Improves Indoor Air Quality



Reduces slip and falls.



Does not contribute to antimicrobial resistance



Is non-corrosive and safe for virtually any surface including steel and metals.



Increases productivity as an all-in-one solution.



Reduces supply chain issues, eliminates packaging waste.

Chemical-Free

EPA Est. No. 89093-CAN-1



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 in amino acids held together by peptide bonds. Peptide bonds react with the 3rd oxygen atom in ozone and break acids. The base amino acids will continue to react with ozone and break into even more stable/inherent active matter. These minute particles are then readily suspended into 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 kills the germs that can also cause odors. When ozone molecules make contact with the cell wall of bacteria and viruses, tiny holes are created. This reaction is called oxidation. Oxidation is germ killing.



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About

GREEN SCIENCE SOLUTIONS

Sustainability, Powered by Technology™

With over 30 years of experience in science and technology, Green Science Solutions is a local distributor of sustainable products for commercial and residential spaces.

Whether you're in need of air purification or cleaning and disinfecting solutions, GSS carries one of the widest selections of sustainable products, all of which have been vetted by onsite staff.

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