



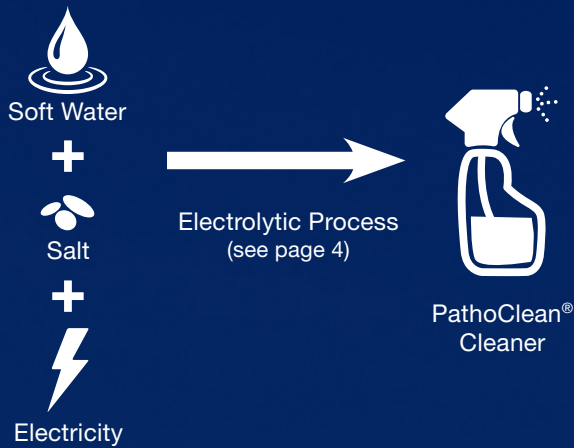
Produce Cleaning Solutions  
on Demand with the  
PathoSans® System

**PathoSans®**  
*Cleaning Technologies*

From ***Spraying Systems Co.***

RAPID ROI | HIGHLY EFFECTIVE | SAFER | ENVIRONMENTALLY RESPONSIBLE

# How Does PathoSans® Work?



- No Chemical Residues or Odors
- Safer for Employees
- Drain and Disposal Friendly
- Environmentally Responsible
- Produce Only What You Need in Your Facility



The PathoSans System converts softened tap water and salt into electrochemically-activated (ECA) solutions:

PathoClean® sodium hydroxide is an alkaline cleaner that is extremely powerful and can be used throughout your facility. A hypochlorous acid solution containing a minimum of 100 ppm free active chlorine can also be produced and used as an acidic rinse.

These solutions are extremely powerful. PathoClean can be used for surface cleaning and biofilm removal.

These solutions can replace most of the chemical cleaners currently used in your facility.

## Highly Effective Cleaning Solutions

PathoSans® solutions are ideal for use in a wide range of cleaning operations. Fats and proteins are converted to soap and are washed away without residue. PathoClean is effective at biofilm and odor reduction. It is WoolSafe® and Green Seal™\* approved.



\* This device-generated solution meets Green Seal™ Standard GS-37 based on effective performance, concentrated volume, minimized packaging and protective limits on: VOCs and human & environmental toxicity. GreenSeal.org

## The PathoSans System is Safer, Environmentally Responsible and Economical

- **Improve worker safety:** The solutions are safer for employees
- **Eliminate the need for delivery of chemicals to your facility:** PathoSans solutions are produced on-site and on demand
- **Slash operating costs:** A PathoSans system will quickly pay for itself. The cost of producing the solutions is less than \$0.07 per gallon. Cleaning costs can be reduced up to 90%. The system is easy-to-use and requires little maintenance

## Customer Cases

Customers in a wide range of facilities are using it to clean everything from floors and walls to kitchens and processing equipment. Here are just a few comments from users.

“The system has worked flawlessly with our CIP system. The interior of our tank trailers are clean and there are no residual film or water spots after drying. We’ve had no trailer rejections. Our wash personnel love the system. Our cost per gallon of product has dropped tremendously compared to the concentrated soaps.”

– Operational Manager of LCL Bulk Transport Co.

“With PathoSans, we have reduced our need to train our staff on which chemicals can be combined and which chemicals can be used where. Plus, we don’t have as many truck deliveries as we did before. We use only these two products in cleaning our facility at this time. We compost and recycle everything from cardboard boxes to wooden pallets. Now, we have virtually eliminated chemical cleaners.”

– General Manager, MIT Endicott House

### Where to Use the PathoSans System

- Schools & universities
- Correctional facilities
- Over the road tanker truck cleaning facilities
- Restaurants & food service
- Hotels & casinos
- Hospitals & medical facilities

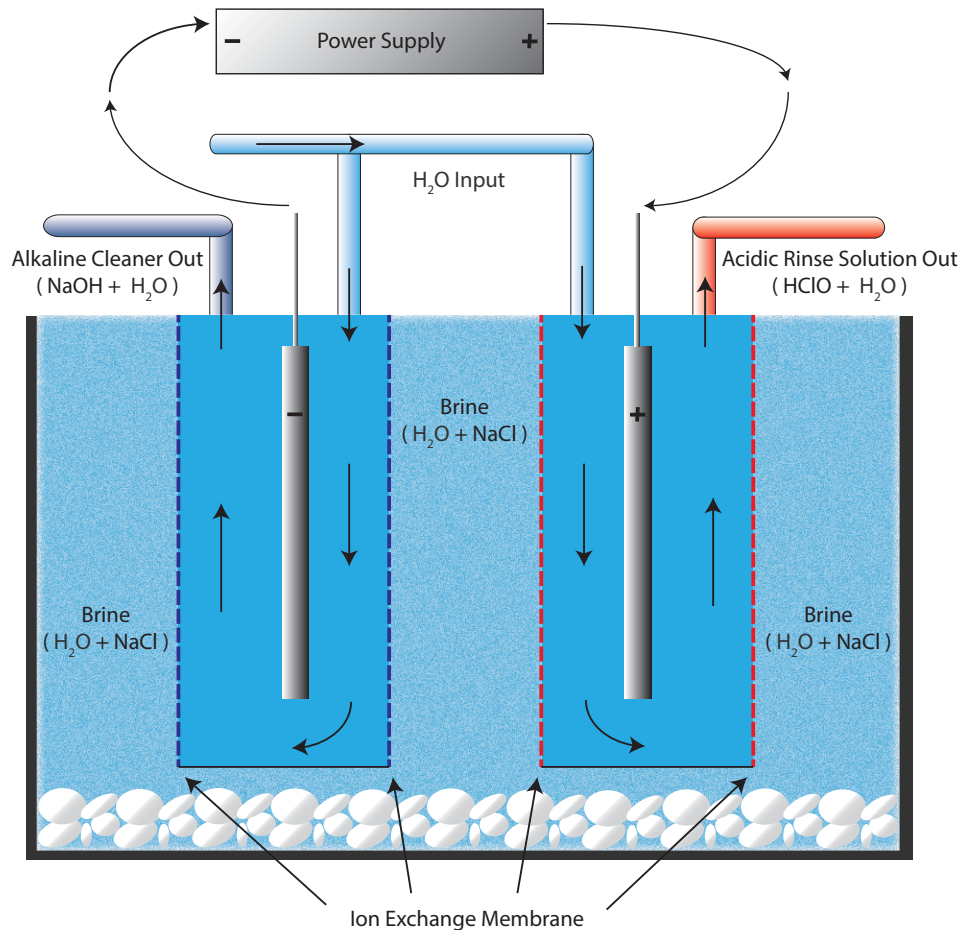


## How the PathoSans® System is Different

While electrolyzing water is not a new concept, the process used by the PathoSans system is new. PathoSans technology eliminates the need for mechanically unreliable pumps to move brine through the electrolytic generator. The highly dependable laws of physics are designed into the elegant and simple fluid management of the PathoSans system. In addition, the design of the PathoSans generator keeps the salt in the brine solution separate from the electrochemically-activated solutions you use to clean.

### Electrolytic Cell Process

An electric field allows the sodium and chloride ions to be pulled through the membranes and react with water to create an alkaline cleaner (NaOH) and an acidic rinse solution (HClO).



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Cleaning Technologies

From *Spraying Systems Co.*

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