



Wastewater

# NEUTRAOX™

**NeutraOx™**, developed by HydroSolutions, are nitrifying, bacteria-friendly PAA-removal biochemicals. These biochemicals are sulfur-/sulfate-free organic compounds which have been specially formulated to safely and effectively remove peracetic acid and peroxyacetic acid from industrial waste streams.

## Helps With:

- Enhanced gas production
- Nitrification toxicity
- Chlorine, bromine, peracetic acid, chlorite, chlorate, chlorine dioxide, ozone, and their oxidizing byproduct's toxicity

## How It Works:

- Promotes microbial health and protects anaerobic and aerobic bacteria from harmful disinfectants.
- Neutralizes oxidizer compounds and their oxidative byproducts. It is especially helpful with PAA, chlorite, chlorate, and chlorine dioxide compounds that cannot be reduced or reduced safely in waste water with common reducing agents.
- In the presence of high TSS or organic material, approximately 1.5:1 feed of **NeutraOx™**: to PAA is sufficient. In the presence of low TSS or organic material, approximately 2:1 feedrate of **NeutraOx™**: to PAA is sufficient.

## Benefits/Advantages

**NeutraOx™** is designed to neutralize the oxidizer compounds often used as disinfectants in industrial sanitation. It contains a nutrient that support the growth of aerobic and anaerobic microorganisms and promotes a healthy bacterial environment. **NeutraOx™** does not create inhibition of biological activity.

**HYDRO SOLUTIONS, INC** exists to provide solutions to customers in the air and water treatment industries. We are dedicated to offering customized plans, products, and services to ensure our customers meet their air and water discharge permits while operating their systems at optimum efficiency.

For more information regarding the neutralization of oxidizing compounds and enhanced gas production and other wastewater treatment solutions, visit [hydrosolutions.com](http://hydrosolutions.com) or contact our wastewater treatment specialists at 502-899-7107.

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