


# Peracetic Acid for Ethanol Production




## Hydrite® Peracetic Acid (PAA)

Peracetic Acid (PAA) is an excellent antimicrobial agent due to the chemistry's high oxidizing potential, the effectiveness against a broad range of microorganisms in cold and warm temperatures, and the favorable environmental profile. PAA harnesses the power of oxidation for Clean-In-Place (CIP), sulfur removal, and infection prevention. Uses include control of slime forming bacteria and biofouling in recirculating cooling water systems (cooling towers, evaporative condensers, air washers).


PAA is a popular and potent sanitizer. GRAS approved for use in descaling agent in CIP tanks or as an antimicrobial agent in the fermenter in ethanol processing. It is also a trusted disinfection chemical applied to wastewater discharged into sensitive waterways. Hydrite's PAA is produced in the Heartland and will benefit your operation in many ways.




Antimicrobial for bacteria control in fermenters, mash coolers, and scrubbers



Sulfite oxidation to reduce sulfur content in ethanol



Oxalate, protein, and scale removal for clean in place (CIP)



Environmentally safe biofilm control and removal in cooling towers

### INNOVATIVE OFFERINGS TO FIT YOUR NEEDS

Hydrite has the flexibility and technical expertise it takes to address your application challenges. We have specific products and formulations with required grades and regulatory approvals available for each application. Contact us today or visit our website for more information.



**HYDRITE CHEMICAL CO.**

Providing Creative Solutions

## BENEFITS OF USING PAA

Effective against broad spectrum of microorganisms



No toxic byproducts



Controls odors



Sustainable and Safe decomposition



Non-foaming



Easy to use



Operates over a wide temperature and pH range



## The HYDRITE Advantage

### Chemical Experts

Our team is experienced and dedicated to providing technical support and services that help maximize efficiency and profitability all while maintaining or enhancing the quality of your end-product. Partner with Hydrite to see how our people make the difference.

### Customized Programs

Every plant is unique and we understand that. We customize a solution for each location and application. Contact us today to learn more about our quality products, services, technology, and solutions.

### Quality Focus

We understand how important it is to protect your brand and maintain the trust your customers place in you. Let us help you by delivering a quality solution at the most efficient cost.

### Customer Service

At Hydrite, we form partnerships with our customers and provide them with the best possible and most efficient operational solution. Contact us today to see how we are different.

### Supportive Approach

We feature a variety of creative solutions designed to lower operating costs, improve efficiency, and help you protect your brand. Join the many satisfied Hydrite customers that have experienced the Hydrite Advantage.

#### FOR MORE INFORMATION:

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HYDRITE CHEMICAL CO.



TRUSTED, TECHNICAL, DEPENDABLE