



OXAMINE®

THE POWERHOUSE MICROBICIDE

GET THE MICROBICIDE PROGRAM THAT OFFERS MEGAWATT RESULTS.

Oxamine from Buckman is a powerhouse. It works better than conventional oxidizing microbicides in high demand systems to keep condensers and heat exchangers cleaner, reduce the use of corrosive chemistries, and improve the overall efficiency of your operation. As a result, your plant can burn less fuel for every megawatt of power produced, reduce operating costs and boost available power to the grid when demand is highest.

If you're looking for a cleaner, leaner water treatment solution, look to Oxamine. It'll help you generate power and a significant return on investment too.

OXAMINE[®] IMPROVES THE EFFICIENCY AND RELIABILITY OF YOUR POWER PLANT.

A pioneer in water treatment technologies since 1945, Buckman has helped a wide range of industries successfully control microbiological fouling in vital cooling and process water systems. Now, we bring our latest advancement to the power industry. Oxamine.

OXAMINE IS DIFFERENT

Because of its neutral charge, Oxamine is readily absorbed into the cells of microorganisms. There, it works inside the cell to disrupt metabolic pathways. With Oxamine, immediate chemical demand is low, so contact time is extended to provide outstanding efficacy. And since Oxamine does not react with most organic material in the water, its active ingredient is always available to fight microbiological activity.

OXAMINE IS STRONG

Oxamine is highly effective against a broad range of microorganisms. It penetrates the colony, instead of just reacting with the surface. So you get cleaner heat exchanger surfaces and cooling tower fill and improved all-around performance in your water systems. Expect high performance in all of these challenging areas:

- Cooling water with high biological demand, high pH, or ammonia.
- Cooling water with high manganese/iron levels.
- Systems with tertiary treated water for makeup.
- Systems with macrofouling issues from zebra mussels, Asiatic clams and bryozoans.
- Inlet clarification process.
- Wastewater discharge.

OXAMINE DELIVERS

Oxamine isn't just a microbicide; it's a complete system, including fully automated feed technology, which ensures safe handling and predictable results. You get:

- Consistent delivery—Accurate feed rate control and distribution for optimum microbial control.

- High safety—Advanced features and alarms help protect both people and plant.
- Low hassle—No big investment. Buckman owns and maintains all application equipment.

OXAMINE GENERATES A BIG RETURN ON INVESTMENT

Replacing your current water treatment program with Oxamine gives you the power to:

- Burn less fuel for every megawatt of power produced.
- Boost available power to the grid when demand is highest.
- Reduce costs versus corrosive bromine/bleach treatment.
- Reduce operator time and lower equipment maintenance and repair costs.
- Minimize impact on scale inhibitors and other chemistries, reducing your overall treatment cost.
- Treat your entire plant with one feed system, owned and maintained by Buckman.

OXAMINE HELPS REDUCE YOUR PLANT'S ENVIRONMENTAL IMPACT

Oxamine is tough on microorganisms but easier on the eco-system because it degrades into simple, nontoxic salts while minimizing the formation of AOX compounds. You'll be able to reduce impact to nearby holding waters. And with Oxamine, you'll reduce chemical truck deliveries by as much as 65%, reducing carbon emissions, handling, and the potential for spills.

LEARN MORE

Ready to maximize the performance of your power plant? Find out more about Oxamine, the powerhouse microbicide from Buckman. Contact your local Buckman representative, email us at water@buckman.com or visit us online at buckman.com.



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