

## Corrosion Control Treatment

Phosphate based corrosion inhibitors are one of the most effective means to control Lead and Copper corrosion.

Our local, technical experts are trained to help you optimize your current system with a customized process tailored to your facility. This ensures you stay in compliance with the EPA Lead and Copper Rule.

Hawkins blended Phosphate Line products are custom formulated to offer the most effective protection from corrosion for your specific water characteristics.

- Zinc Orthophosphates
- Poly Phosphates
- Poly/Orthophosphates

**Control corrosion PLUS the capability of controlling Biofilm!**

*Improved corrosion control by removing biofilm:*

Biofilm presence prevents filming corrosion inhibitors from protecting desired areas and results in under deposit corrosion (commonly referred to as "blistering"). Thus, removing Biofilm will decrease corrosion rates.



### EPA Warning

***Exposure to lead and copper may cause severe health problems. The EPA has published a regulation to control lead and copper in drinking water.***

***Hawkins supplies products that prevent lead from leaching into water. We can help you stay in compliance with EPA Lead and Copper regulations.***



**Hawkins Water Treatment Group**  
**800-328-5460**

[www.hawkinsinc.com](http://www.hawkinsinc.com) • email: [wtg@hawkinsinc.com](mailto:wtg@hawkinsinc.com)



**Scan the QR code to link to our Hawkins Water Treatment video.**

[www.hawkinsinc.com/groups/water-treatment](http://www.hawkinsinc.com/groups/water-treatment)



## CORROSION & BIOFILM CONTROL PRODUCTS & SERVICES

*To Help You Stay In Compliance  
With The Lead and Copper Rule*



*Celebrating over 80 years  
of serving our customers*

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# The Problem:

- Municipal drinking water treatment plants need to be in compliance with Lead and Copper Rule Regulations.
- Colored water issues, staining of sinks and tubs, dirty laundry, hazy water appearance.
- Water appearance results in public complaints to Water Producers Utility Managers and Operators experience a lose of time and money to handle complaints.



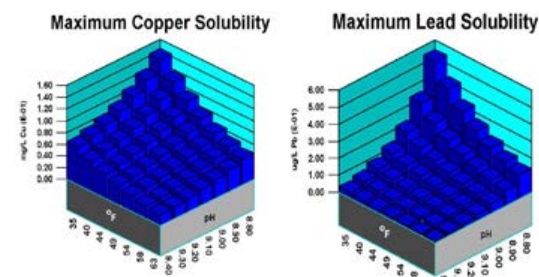
# The Solution:

- Combined WATSIM, Filter Study data and interpretation by technical experts allows Hawkins to provide a complete, custom recommendation.
- Hawkins Blended Phosphates allow our customers to comply with the Lead and Copper Rule for Drinking Water through corrosion inhibition.
- Hawkins Blended Phosphates allow our customers to control colored water, staining and deposits in their distribution systems through sequestration of Calcium, Magnesium, Iron and Manganese.
- The Hawkins Phosphate product lines do all of the above, PLUS have the capability of controlling Biofilm.



# Verified By Our WatSim Program

WatSim (Water Simulation) provides a more complete picture of problems, and potential problems confronting a water treater.



## Sample + Analyze = Custom Treatment

WatSim allows a water treatment chemist to evaluate the scale and corrosion potential for common scalants over the range of water chemistry, temperature, and pH anticipated in a system.

WatSim will determine the solubility of lead and copper, and scale potential for common scalants. This can be done over the broadest of operating ranges without the necessity for tedious manual calculations for the Langelier saturation index, Ryznar stability index, Puckorius equilibrium index, Larson's Ratio, and C.C.P.P.

*With custom generated WatSim data, a customized solution based on your specific needs can be prescribed to ensure that the most effective program possible is recommended.*