

Boilers can be complicated systems to maintain. It seems easy enough that water is heated and becomes steam, and that steam provides power to do work. For such a seemingly simplistic operation, care and maintenance can be anything but simple. Proper boiler treatment can prevent or correct a multitude of hazardous and costly situations.



Boiler water treatment to combat corrosion and scale is a key consideration for building owners and maintenance professionals. With proper operation and care, you can extend the life of the boiler and reduce repairs.

- Corrosion can occur in many key areas of a boiler. It can shorten the life of a boiler, or at the least, increase the costs associated with maintaining a boiler.
- Scale caused by minerals such as calcium carbonate, calcium silicate and calcium sulphate can form on any boiler surface upon which water comes in contact. Scale deposits can impede heat transfer which results in higher energy costs.



BOILERSOURCE
Going Beyond the Boilerplate

BENEFITS OF A **LOW CARBON FOOTPRINT**



Boiler water treatment chemicals provided by **BOILERSOURCE** use proven chemical combinations in a wide range of Ultra-Concentrate mixtures and delivery form options. The products are transported in a low carbon footprint profile and applied easily on-site with a patented **No Touch** Dispensing System. You gain all the advantages of a proven water treatment program with all the additional sustainability, safety and mechanical room neatness benefits of liquid concentrates.

Internal Treatments

Multiple boiler water Internal Treatments in ultra-concentrate form for softened or hard water make-up applications. Packaged in plastic recyclable bottles 1 gal each 1 gal each 2 or 4 to a case.

All-In-One Treatments

Multiple all-in-one boiler water treatment products in ultra-concentrate form for softened or hard water make-up application. Packaged in plastic recyclable bottles 1 gal each 2 or 4 to a case.

Oxygen Scavengers

Multiple proprietary oxygen scavenger boiler water treatment products in ultra-concentrate form. Packaged in plastic recyclable bottles 1 gal each 2 or 4 to a case.

Condensate Treatments / Amines

Multiple proprietary boiler water condensate amine combinations in ultra-concentrate form. Packaged in plastic recyclable bottles 1 gal each 2 or 4 to a case.

T.R.A.C. Products

Total Reducing Agent Control (T.R.A.C.) is a unique set of formulations in ultra-concentrate form.

T.R.A.C. consists of oxygen scavengers & tenacious magnetite film forming agents providing a physical barrier to prevent oxygen corrosion.



Help Your Facility Go Green

Whether you're looking to become LEED Certified or just looking for ways to make your facility more "Green," liquid concentrate water treatment chemistry can help.



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ADVANTAGES OF ULTRA-CONCENTRATE LIQUID CHEMICAL WATER TREATMENT

Ultra-Concentrate liquid water treatment products provided by BOILERSOURCE use state of the art, proven chemical combinations. The products are transported in a low carbon footprint profile and are applied easily at your site with a patented No Touch dispensing system. You receive all of the benefits of a well-run chemical program, without the hassles of dealing with large volumes of liquids.

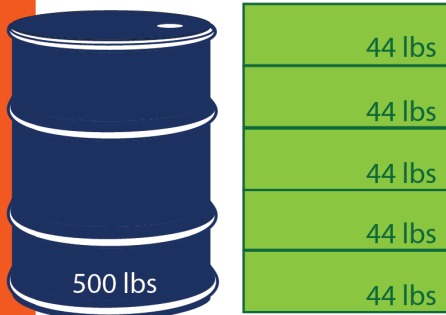


Help Reduce Risk and Liability Concerns

No heavy drums to move

- Reduces potential for injury to employees and others.
- Moving heavy drums can result in injury, leading to costly Worker Compensation Claims.
- Reduces risk of exposure to hazardous chemicals (ie: corrosives, oxidizers and pesticides) to your employees and customers.

One case (4 gals) of ultra-concentrate concentrate chemistry weighs 44 lbs and contains the same amount of active chemicals as a 55-gallon, 500 lb drum.



No on-site storage or drum disposal issues

- Most liquid chemicals are bulky and must be stored in containment areas according to their hazardous classification.
- Many facilities do not have extra space and must resort to storing all chemicals in one containment area.
- No triple rinsing of empty drums before disposal.

Five cases of BOILERSOURCE Ultra-Concentrate chemistry can sit in the same storage footprint as a 55-gallon drum.

Eliminate Spill potentials

- Spills can occur anywhere – in transit, or at your facility.
- Many bulk liquid chemicals can be hazardous, damaging to the environment, and a potential for expensive litigation.

Ultra-Concentrate chemistry is a much safer option.



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BOILERSOURCE'S SOLID WATER TREATMENT PRODUCTS HELP
YOUR FACILITY TO BE MORE SUSTAINABLE – WHILE ADDRESSING

YOUR TRIPLE BOTTOM LINE



For Your People: Corporate Social Responsibility

- No dangerous bulk liquid chemicals to spill
- No overflow requirements because you are not applying water to the units
- No backflow prevention required! You are not hooked up to water source
- No heavy drums to handle
- No offensive chemical odors
- No exposure issues with our No Touch Dispenser



For the Planet: Environmental Protection

- Ultra-concentrate is produced with eco-friendly ingredients
- 100% use of product – No triple rinsing of container required
- Product containers are fully recyclable
- Our products address potential LEED points
- Containers enable plastic reduction, when compared to other bulk chemical containers
- Ultra-concentrate form process allows for significant reduction in the use of dangerous caustic chemicals (NaOH)



For Profit: Enhancing the Bottom Line

- Lower product weight –therefore reduced shipping costs
- No expensive chemical drum disposal issues
- Minimized space limitations in mechanical room
- Reduced energy and water usage
- Improved system performance
- No potential dissolution issues of pressure vs. temperature variations typical with solid chemicals

Visit our website to learn more
about our **TLC360°** promise.



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