



Brody Chemical



BRODYCHEMICAL.COM
800.488.2436 SALT LAKE CITY, UT



Smart doesn't have to be complex. For decades, our family-owned company has relied on a simple formula for success: **innovation + quality + reliability**. Just like all of our formulas, customers can count on it.



INNOVATION

Brody Chemical is always evolving to find new ways to create better products as well as improving on existing processes. Our research and development is constantly innovating to improve the products and services we manufacture today. We strive to provide a product that not only is extremely effective, but also safe-to-use and environmentally friendly.

OVER 80 YEARS OF EXPERIENCE

Our background in chemistry, quality assurance, and industry specific knowledge helps us understand the obstacles our customers face. Finding solutions to our customers' needs is our primary focus. Providing the right product helps our customers get the job done right the first time, safely and effectively.

ONE-STOP SHOP

We strive to offer complete solutions for your business. The equation is pretty simple. The more solutions and services we can offer to our customers, the more money you can save and the more efficient your ordering will be.

**SCHEDULE A
CONSULTATION TODAY!**

1.800.488.2436
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WATER TREATMENT

Brody Chemical offers a comprehensive range of water treatment solutions designed to maintain and optimize the performance of steam boilers, condensate systems, and cooling towers.

Our products are engineered to provide superior protection against scale, corrosion, and deposits, ensuring efficient operation and longevity of your equipment.

PRODUCT COLLECTION

BOILER TREATMENTS

PREMIUM BOILER TREATMENT **SOFT WATER**

B760

A multifunctional liquid treatment for steam boilers up to 900 psi with soft water makeup of high alkalinity. It provides unsurpassed scale, corrosion, and deposit control and can remove deposits from neglected boilers during normal operation.

Feeding: Inject product in DA storage or feedwater line to maintain testing range residuals.

Testing: 200–400 ppm hydroxide, 5–25 ppm phosphate, 30–60 ppm sulfite.

SUPREME BOILER TREATMENT **SOFT WATER (ALK+)**

B762

A multifunctional liquid treatment for steam boilers up to 900 psi with soft water makeup of low alkalinity. It provides unsurpassed scale, corrosion, and deposit control and can remove deposits from neglected boilers during normal operation.

Feeding: Inject product in DA storage or feedwater line to maintain testing range residuals.

Testing: 200–400 ppm hydroxide, 5–25 ppm phosphate, 30–60 ppm sulfite.

SUPREME BOILER/CONDENSATE TREATMENT **SOFT WATER (ALK+)** **B765**

A multifunctional liquid treatment for steam boilers up to 900 psi with soft water makeup of low alkalinity. It provides unsurpassed scale, corrosion and deposit control and can remove deposits from neglected boilers during normal operation. This treatment also contains an approved food contact neutralizing amine that provides good coverage for most condensate systems.

Feeding: Inject product in DA storage or the deaerator or feedwater line to maintain testing range residuals.

Testing: 200–400 ppm hydroxide, 5–25 ppm phosphate, 30–60ppm sulfite; condensate pH 8.0–8.5.

SUPREME BOILER/CONDENSATE TREATMENT SOFT WATER B767

A multifunctional liquid treatment for steam boilers up to 900 psi with soft water makeup of high alkalinity. It provides unsurpassed scale, corrosion and deposit control and can remove deposits from neglected boilers during normal operation. This treatment also contains an approved food contact neutralizing amine that provides good coverage for most condensate systems.

Feeding: Inject product in DA storage or feedwater line to maintain testing range residuals.

Testing: 200–400 ppm hydroxide, 5–25 ppm phosphate, 30–60 ppm sulfite; condensate pH 8.0–8.5.

PREMIUM BOILER TREATMENT HARD WATER B790

A multifunctional liquid treatment for steam boilers up to 900 psi with hard or inconsistent soft water makeup of high alkalinity. It provides unsurpassed scale, corrosion, and deposit control and can remove deposits from neglected boilers during normal operation.

Feeding: Inject product in DA storage or feedwater line to maintain testing range residuals.

Testing: 200–400 ppm hydroxide, 15–50 ppm phosphate, 30–60 ppm sulfite.

SUPREME BOILER TREATMENT HARD WATER (ALK+) B792

A multifunctional liquid treatment for steam boilers up to 900 psi with hard or inconsistent soft water makeup of low alkalinity. It provides unsurpassed scale, corrosion, and deposit control and can remove deposits from neglected boilers during normal operation.

Feeding: Inject product in DA storage or feedwater line to maintain testing range residuals.

Testing: 200–400 ppm hydroxide, 15–50 ppm phosphate, 30–60 ppm sulfite.

SUPREME BOILER/CONDENSATE TREATMENT HARD WATER (ALK+) B795

A multifunctional liquid treatment for steam boilers up to 900 psi with hard or inconsistent soft water makeup of low alkalinity. It provides unsurpassed scale, corrosion, and deposit control and can remove deposits from neglected boilers during normal operation. This treatment also contains an approved food contact neutralizing amine that provides good coverage for most condensate systems.

Feeding: Inject product in DA storage or feedwater line to maintain testing range residuals.

Testing: 200–400 ppm hydroxide, 15–50 ppm phosphate, 30–60 ppm sulfite; condensate pH 8.0–8.5.

SUPREME BOILER/CONDENSATE TREATMENT HARD WATER B797

A multifunctional liquid treatment for steam boilers up to 900 psi with hard or inconsistent soft water makeup of high alkalinity. It provides unsurpassed scale, corrosion, and deposit control and can remove deposits from neglected boilers during normal operation. This treatment also contains an approved food contact neutralizing amine that provides good coverage for most condensate systems.

Feeding: Inject product in DA storage or feedwater line to maintain testing range residuals.

Testing: 200–400 ppm hydroxide, 15–50 ppm phosphate, 30–60 ppm sulfite; condensate pH 8.0–8.5.

CONDENSATE/STEAM TREATMENTS

CONDENSATE TREATMENT **INTERMEDIATE AMINE**

B503

A general neutralizing amine that provides good coverage for most average sized condensate systems. This product is FDA approved for systems where steam contacts food.

Feeding: Inject product in the feedwater line to maintain testing range in the condensate.

Testing: 8.0-8.5 pH **Food Contact:** 7.5-8.0 pH

CONDENSATE TREATMENT **NEUTRALIZING AMINES**

B510

A combination of short and long range neutralizing amines that provides excellent coverage for most condensate systems. It protects both the portion of the condensate system near the boiler, and the distant portion of the system. FDA approved for systems where steam contacts food.

Feeding: Inject product in the feedwater line to maintain testing range in the condensate.

Testing: 8.0-8.5 pH **Food Contact:** 7.5-8.0 pH

CONDENSATE TREATMENT **COMBINED NEUTRALIZING AMINES**

B515

A combination of short, intermediate, and long range neutralizing amines that provides excellent coverage for all condensate systems. The product protects all portions of even complex, intricate, and diverse condensate systems. FDA approved for systems where steam contacts food.

Feeding: Inject product in the feedwater line to maintain testing range in the condensate.

Testing: 8.0-8.5 pH **Food Contact:** 7.5-8.0 pH

STEAM TREATMENT **FOOD GRADE**

B633

A food grade treatment where live steam contacts food and dairy products. This product is well suited for systems that have long steam runs.

Feeding: Inject product in the feedwater line to maintain testing range in the condensate.

Testing: 7.5-8.5 pH

STEAM TREATMENT **NEUTRALIZING AMINE**

B680

An excellent long range steam treatment that is best suited for systems that have only one condensing point, no matter whether it is at the end of a short, intermediate or long steam run. This product also works well for branched systems where all condensing points are the same distance from the steam header. FDA approved for systems where steam contacts food.

Feeding: Inject product in the feedwater line to maintain testing range in the condensate.

Testing: 8.0-8.5 pH **Food Contact:** 7.5-8.0 pH

SUPPLEMENTAL TREATMENTS

OXYGEN SCAVENGER

B600

A catalyzed oxygen scavenger in powder form that prevents pitting and corrosion.

Feeding: Inject product in the DA tank or feedwater line to maintain testing range residual.

Testing: 30-60 ppm sulfite.

OXYGEN SCAVENGER

B601

A liquid catalyzed bisulfite product that prevents oxygen pitting and corrosion. This product contains cobalt sulfate to increase its rate of reaction with oxygen.

Feeding: Inject product in the DA tank or feedwater line to maintain testing range residual.

Testing: 30-60 ppm sulfite.

ALKALINITY BOOSTER

B701 | B701P | B701PRIDE

Adds Hydroxide to boilers with low alkalinity feedwater caused by dealkalizers, demineralizers, or low alkalinity makeup. Inhibits magnesium silicate and calcium phosphate scaling and buffers iron corrosion.

Feeding: Inject product in the DA tank or feedwater line to maintain testing range residual .

Testing: 200-400 ppm hydroxide.

BOILER SULFINITY BOOSTER

B722

A liquid boiler supplemental treatment that provides extra sulfite and alkalinity when needed. It also boosts solids suspension and sludge conditioning. Use in boilers up to 900 psi to prevent corrosion and pitting.

Feeding: Inject product in the DA tank or feedwater line to maintain testing range residual.

Testing: 200-400 ppm hydroxide, 30-60 ppm sulfite.

BOILER SUPPLEMENT

B725

A liquid boiler supplement to augment normal boiler treatments when needed. Though primarily an oxygen scavenger, it also provides solids suspension and sludge conditioning. Use in boilers up to 900 psi to prevent corrosion and pitting.

Feeding: Inject product in the DA tank or feedwater line to maintain testing range residual.

Testing: 30-60 ppm sulfite.

COOLING TREATMENTS

SOFT WATER SERIES

CT215 | CT213

Superior corrosion and deposition inhibitor for cooling towers with soft water makeup. The unique inhibitor mix inhibits calcium carbonate, suspended solids, and phosphate deposits.

Feeding: Inject in sump or recirc line to maintain testing range residuals in recirculating water.

Testing: 3-7 ppm phosphonate.

SUPERIOR COOLING TREATMENT SERIES

CT854 | CT852 | CT851

Extremely halogen stable product for use in systems that only use oxidizing biocides. Premier liquid inhibitor for scale, corrosion, and deposition in systems with makeup water of low alkalinity and low total hardness. This product is suitable for strictly oxidizing biocide systems.

Feeding: Inject product in tower sump or recirc line to maintain testing range residual.

Testing: 4-8 ppm phosphonate

SUPREME COOLING TREATMENT SERIES

CT844 | CT842 | CT841

Unsurpassed liquid inhibitor for scale, corrosion, and deposit prevention in strictly halogenated systems. Use this extremely stable treatment when only using oxidizing biocides.

Feeding: Inject product in tower sump or recirc line to maintain testing range residual.

Testing: 7-11 ppm phosphonate.

PREMIUM COOLING TREATMENT SERIES

CT878 | CT874 | CT872

Excellent multifunctional liquid cooling treatment that provides superior scale, corrosion, and deposit control. Use in systems with or without acid feed that have hard water makeup. This product remains stable when used with oxidizing and non-oxidizing biocides.

Feeding: Inject product in tower sump or recirc line to maintain testing range residual.

Testing: 8-12 ppm phosphonate

MICROBICIDES

MICROBICIDE CHLORINE TABS 3"

5600

A broad spectrum oxidizing biocide that maintains available chlorine (90%) and effectively eliminates bacteria and algae. This is a stable chlorine which is not affected by elevated pH.

Feeding: Dose product in tower sump or recirc line to maintain testing ranges.

Testing: 0.5-1.0 ppm free chlorine, dip slide < 10,000 cfu/mL.

MICROBICIDE BROMINE TABS 1"

8003-50

A broad spectrum oxidizing biocide that eliminates bacteria and fungi and inhibits algae.

Feeding: Dose product in tower sump or recirc line to maintain testing ranges.

Testing: 0.5-1.0 ppm free chlorine, dip slide < 10,000 cfu/mL.

LIQUID CHLORINE HYPOCHLORITE

8080

A broad spectrum oxidizing biocide effectively eliminates bacteria and fungi and inhibits algae.

Feeding: Dose 4 oz per 1,000 gallons in tower sump or sufficient to maintain testing ranges.

Testing: 0.5-1.0 ppm free chlorine, dip slide < 10,000 cfu/mL.

BIOSTATIC ANTIFOULANT**CT484**

A concentrated non-oxidizing biostat that acts as an effective algaestat, fungistat and bacteriostat. This product controls algae, bacteria and fungi in towers and heat exchangers. Use this product also in evaporative coolers, scrubbers, air washers, humidifiers, closed loops, water features, and other systems to control fouling and odors.

Feeding: Dose 6.67 oz per 1,000 gallons in sump 2-3 times weekly to maintain testing range.

Testing: Dip slide < 10,000 cfu/mL.

BELLACIDE 301**XCT301**

A highly effective synergistic non-oxidizing biocide and biodispersant possessing both bactericidal and algaecidal properties. For use in open cooling systems, industrial process waters, and closed loops operating under 180°F. More effective than many other non-oxidizing biocides, it eliminates algae, fungi, and bacteria, including denitrifying bacteria, and controls biofilming microbes. In some cases, it eliminates the need for two separate biocides, and will not adversely interact with cooling water inhibitors.

Feeding: Dose 50-150 ppm to sump in open systems twice weekly to maintain testing range; dose 35-100 oz per 1,000 gallons in closed loops to maintain testing range.

Testing: Dip slide < 10,000 cfu/mL.

BROMMAX 7.1**XCT701**

A single-feed stabilized liquid bromine product for control of bacteria, algae, and slime in industrial and commercial recirculating cooling systems. With enhanced stability over sodium hypochlorite, it remains very effective in killing microbes and removing biofilm up to a pH of 9.0. It is less expensive than non-oxidizers and compatible with common scale and corrosion inhibitors.

Feeding: Dose 4-6.6 oz per 1,000 gallons in sump daily in the hot season and every other day in cool seasons to maintain testing ranges.

Testing: 1-3 ppm total chlorine, dip slide < 10,000 cfu/mL.

ORGANIC DISPERSANT**CT580**

An organic penetrant and dispersant that removes biological fouling in heat exchangers and cooling towers. Use also in evaporative coolers, scrubbers, air washers, humidifiers and other systems to control fouling and odors.

Feeding: Dose 20 oz per 1,000 gallons in sump daily until system is clean. Make sure to remove biomasses from strainers, separators, and small lines.

DEFOAMER**8006**

Add this product directly to a system as a foam suppressant. This product is a silicone-based and foodsafe defoamer to be used anywhere a foaming problem exists.

Feeding: Dose 2-20 ppm product in system water. Very concentrated — do not overdose.

CLOSED SYSTEM TREATMENTS

PREMIUM CLOSED SYSTEM TREATMENT

CS966

Multifunctional liquid product that combines excellent corrosion protection for all metals along with superior dispersion. Use in chilled and heating systems. Works with either soft or hard water makeup.

Feeding: Dose 1 gallon per 100 gallons to maintain testing range residual in system water.

Testing: 600-800 ppm nitrite for CHW, 800-1200 ppm for HW, 1200-1600 ppm for HW > 180° F.

CLOSED SYSTEM TREATMENT

XCS855

A polyamine based treatment with other components for a complete scale and corrosion control program in hot and cold aluminum closed systems, aluminum boilers, and mixed metal heating and cooling closed loops composed of steel, yellow metals, stainless, aluminum and other compatible metals. Its pH is neutral, ideal for protecting soft metals like aluminum. It creates a film covering all metals that protects them from corrosion, yet improves system cleanliness and reliability. This product is stable over a wide range of temperatures and pressures.

Testing: 0.5-2.0 ppm ODA (octadecylamine); 7.0-8.5 pH in systems with aluminum components, 7.0-9.5 pH in systems with no aluminum components.

PROPYLENE GLYCOL FOOD GRADE

XPPG

This raw product is a miscible substance dissolving readily with water and other solvents. It is slightly viscous with low volatility. Propylene Glycol lowers the freezing point of water depending upon its concentration. It is often used to winterize the plumbing in closed loop systems and in vacant equipment for storage.

Feeding: Dosage varies with freeze point protection needs.

PROPYLENE GLYCOL FOOD GRADE KOSHER

XPROPYL

This product provides the same freeze protection as our other propylene glycol products while meeting all Kosher certification requirements.

Feeding: Dosage varies with freeze point protection needs.

PROPYLENE GLYCOL INHIBITED

Possessing all the physical characteristics of raw propylene glycol, this product also contains the added protection of inhibitors to prevent corrosion of black iron, yellow metals and aluminum.

Feeding: Dosage varies with freeze point protection needs, but go no lower than 30% for proper corrosion inhibition.

CS NITRITE BOOSTER

CS522

Use this supplementary treatment in either water or glycol based closed systems to strengthen the iron/steel corrosion inhibitor package.

Feeding: Dose 1 gallon per 100 gallons to maintain testing range residual in system

Testing: 600-800 ppm nitrite for CHW, 800-1200 ppm nitrite for HW, 1200-1600 ppm nitrite for HW > 180° F; 500-1500 ppm nitrite in glycol systems with 9.5-10.5 pH.

CS AZOLE BOOSTER**CS524**

This product will increase the copper corrosion inhibitor package in both water and glycol based closed systems.

Feeding: Dose 1 gallon per 100 gallons to maintain testing range residual in system.

Testing: 4-8 ppm azole in water systems; 10-20 ppm azole in glycol systems.

ADDITIONAL PRODUCTS**RO CHLORINE NEUTRALIZER****B1000**

Liquid solution for neutralizing chlorine and chlorine by-products in makeup water for RO systems. Protects membranes from oxidation degradation and prolongs their life.

Feeding: 0.63 lb per 1000 gallons of inlet water

Testing: >5 ppm sulfite

ONLINE RO CLEANER**B1100**

Liquid treatment to prevent scaling of membranes in RO systems. Prolongs membrane permeability, efficiency, and life.

Feeding: 0.5 lb per 1000 gallons of inlet water

Testing: 5-7 ppm phosphonate

ACID MAGIC**8100**

Acid Magic is a buffered Hydrochloric Acid (Muriatic Acid) product that actively dissolves hardness scale and deposits in water systems. It is less volatile than Muriatic Acid and easier to store. It does not contain phosphates or phosphorus compounds. The buffering agents prevent burns to intact skin. Yet it cleans, clarifies and etches like full-strength 20° Baume, equivalent to 31.45% Muriatic Acid.

SULFAMIC ACID**XSULFAMIC ACID**

Dry crystalline product. Attacks the calcium and magnesium hardness better than anything on the market. Used as a descaler for cooling towers and chillers that are heavily scaled.

TRISODIUM PHOSPHATE (TSP)**R1231**

This product is a very alkaline cleaner that removes stubborn dirt, oil, grease and grime. It is an excellent heavy duty cleaner for newly installed steam boilers or heavily used older systems, such as closed loops.

SOLAR SALT (WATER SOFTENER SALT)**XWSSALT**

Softener Salt is a highly purified Sodium Chloride product produced from solar evaporation of brine solutions that are cleaned and re-crystalized to improve its purity to a minimum of 99.5% pure Sodium Chloride. It is then milled and screened so that the crystals form into irregular and somewhat rectangular particles to avoid a tendency to bridge in softener brine tanks. This product's primary use is to provide clean, pure salt for softener regeneration and to help properly equipped commercial brine tanks to filter fine insolubles in order to avoid valve clogging.

Feeding: Maintain a mostly filled softener brine tank with product.

WHAT MAKES US DIFFERENT

Brody is more than just a distribution and supply company. We are a true manufacturer of specialty chemicals that are produced under strict quality control standards.

Our comprehensive line of products fulfills the unique needs of our customers – enabling them to consolidate their purchasing and eliminate the need for multiple vendors.



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TALK WITH AN EXPERT

Our experienced sales professionals provide a proven framework to meet your business objectives.

Our 700+ formulations are designed to make your life easier, your employees safer, and help you see *significant* savings.

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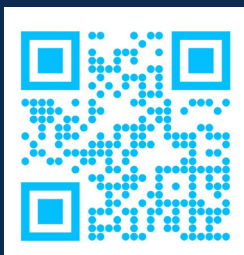
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