



The Sustainable Solution for Cooling Towers, Boilers and Closed Loops.



Solid Chemical Treatment Program

Solid Water Treatment Programs

More Sustainable Solutions for Cooling Towers, Boilers and Closed Loops.

RMC's SolidGuard Water Treatment program is an innovative, effective alternative to traditional water treatment liquids that will raise your bottom line. These highly concentrated scale/corrosion inhibitors are packaged in 1 Gallon containers and 6" disks with companion dissolver feeders.

- No spills, no irritation, no odors, no drums and reduced employee chemical exposure.
- No drum disposal or rinsing, reduced space requirements and reduced caustic to sewer.
- Reduces shipping costs, water and fuel usage (2.6 gallons of diesel saved compared to 55 Gallon drum).
- Potential LEED® certification points.
- Easy to Use

Your systems are protected from corrosion and scale – and you benefit from improved economics, reduced waste and improved health and safety to enhance sustainability.



RMC's Solid Treatment Chemicals have proven to provide effective deposit and corrosion control thereby saving fuel and energy.

- 4 gallons of RMC Solid Treatment Chemicals are equivalent to a 55-gallon drum of liquid chemical treatment. Use what is needed, when it is needed, with no chance of liquid spill or component separation. No mixing equipment needed.
- Where floor or storage space is at a premium, the compact size of RMC Solid Treatment Chemicals will conserve space and allow it to be put to better use.

Ultra S Feeder



SolidGuard 20



Solid Chemicals are Sustainable



People

- No liquids to spill – reduces the risk of slips and falls
- No powders to irritate
- No offensive odors
- Low caustic, low dust, low odor products that reduce chemical exposure risk
- Safer, lighter, easier to load and more ergonomic to reduce the risk of injury
- Neater, cleaner, safer mechanical room



Planet

- 50-90% Fewer lbs. shipped
- Reduced weight equals reduced fuel usage and CO₂ Emissions
- Reduces water usage – use what you need when you need it
- Fully recyclable package
- Less hazardous discharge
- No triple rinsing of drums or totes
- Feeders constructed of recycled material



Profit

- Reduced weight equals reduced shipping costs
- No drum disposal costs
- Frees up floor space
- May be used to qualify for LEED® certification in innovation, design, solid waste management, sustainable purchasing
- Reduces scale deposits for better heat transfer saves on fuel usage
- Better corrosion control extends equipment life





What are the Next Steps?

The impact of a Solid Chemicals Treatment Program can be quantified in dollars by helping you save time (labor), shipping costs, and inventory costs.

To determine whether RMC's programs can improve your operation, we will conduct a system survey. A representative from Rochester Midland Corporation will work with you to design a customized Solid Chemical Treatment Program to meet your specific needs. We offer the best in class solid chemical products, product dissolvers, pumps and control systems to help you maintain heat transfer efficiency in your boilers, cooling systems and closed loops.

A program for any size.

SolidGuard Dissolver Model	Cooling tower	Boiler
Ultra S Feeder 	<200 Tons of Cooling* <600 Recirc Rate (USGPM)* <2.25 Blow down (USGPM)**	<200 Boiler HP <6,900 #/Hr Steam
SolidGuard 20 	<500 Tons of Cooling* <1500 Recirc Rate (USGPM)* <5.63 Blow down (USGPM)**	<400 Boiler HP <13,800 #/Hr Steam

* Values are anticipated ranges. Additional capacity per Model can be handled depending on operating conditions - including cycles of operation, actual loading, water quality. Multiple dissolvers may be necessary.

** Estimate at 3 cycles of concentration, 10 degree F delta T.



**Call us today at 800.762.4448
or visit www.rochestermidland.com**

