

# Ecocare's Innovative Cooling Tower Water Treatment Solutions

Ecocare's comprehensive portfolio of water treatment solutions helps ensure the efficient and reliable operation of cooling towers across various industries.

Our innovative EcoGuard inhibitors target the root causes of scale and corrosion, protecting your cooling tower equipment and maximizing its lifespan.

EcoClean biocides effectively manage biological growth, keeping your cooling tower systems clean and operating at peak efficiency.



# Optimizing Cooling Tower Performance

Product	Application	Benefits
EcoGuard SC-100	Regular dosing based on water hardness	Prevents scaling, enhances heat transfer efficiency
EcoGuard CI-200	Regular dosing based on metal type and water chemistry	Extends the life of metal components, reduces maintenance costs
EcoGuard MP-300	Ideal for systems requiring both scale and corrosion protection	Simplifies treatment process, provides comprehensive protection
EcoClean B-400	Alternating dosing with oxidizing biocides for optimal biological control	Prevents biofilm formation, maintains water clarity
EcoClean OX-500	Regular shock dosing	Quick action against a broad range of microorganisms
EcoFlow DS-600	Continuous dosing to maintain dispersion of particulates	Prevents sediment buildup, ensures smooth operation
EcoSoft ST-700	Adjust dosing based on water hardness levels	Improves efficiency, reduces scaling potential
EcoPure CL-800	Periodic system cleaning	Restores system efficiency, prolongs equipment life

# EcoGuard Inhibitors: Combating Scale and Corrosion

## 1 EcoGuard SC-100

EcoGuard SC-100 is a highly effective scale inhibitor that prevents the formation of calcium carbonate and other mineral deposits on heat transfer surfaces.

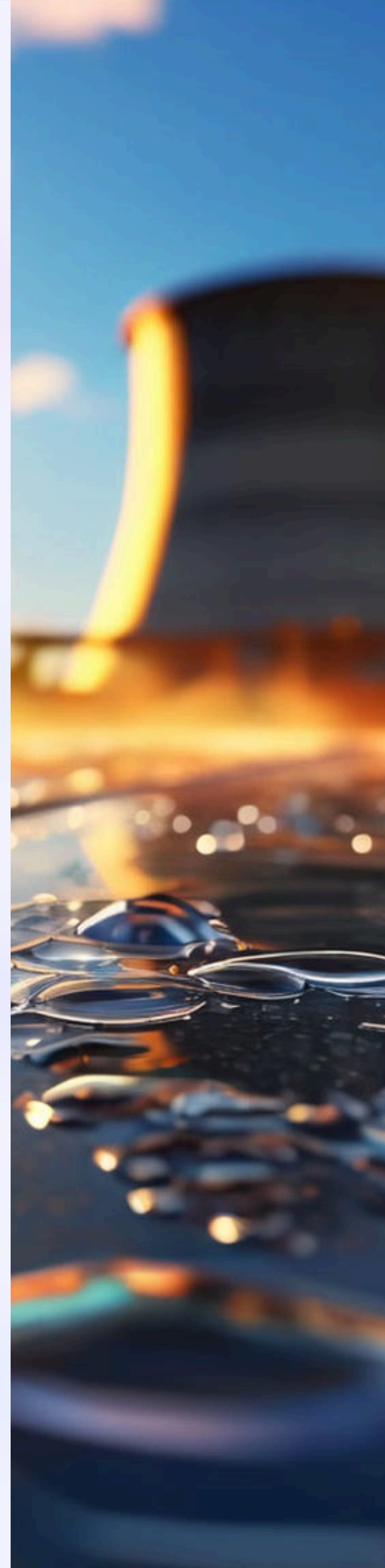
Regular dosing based on water hardness levels ensures optimal protection, enhancing heat transfer efficiency and reducing maintenance costs.

## 2 EcoGuard CI-200

EcoGuard CI-200 is a corrosion inhibitor formulated to protect metal components from the corrosive effects of water and environmental exposure. By regularly dosing based on metal type and water chemistry, you can extend the life of your system's components and minimize costly repairs.

## 3 EcoGuard MP-300

EcoGuard MP-300 is a multi-purpose inhibitor that combines scale and corrosion inhibition, providing comprehensive protection for your cooling tower system. Its versatile formulation simplifies the treatment process, ensuring optimal performance and reducing maintenance requirements.







# EcoClean Biocides: Combating Biological Fouling

## EcoClean B-400

EcoClean B-400 is a non-oxidizing biocide designed to control algae, bacteria, and fungi without the use of oxidizing agents. This makes it suitable for sensitive systems, ensuring effective biological control while minimizing potential environmental impact.

## EcoClean OX-500

EcoClean OX-500 is an oxidizing biocide that effectively targets a broad spectrum of microorganisms through oxidation processes. Regular shock dosing with this powerful biocide ensures rapid action against biological growth, maintaining the cleanliness and efficiency of your cooling tower system.



# EcoFlow DS-600: Enhancing Dispersant Performance

1

## Disperse Particulates

EcoFlow DS-600 is a highly effective dispersant designed to enhance the removal of suspended solids from cooling tower water. By continuously dosing this product, you can prevent the formation of sludge and fouling, ensuring smooth system operation.

2

## Maintain Water Clarity

The dispersant action of EcoFlow DS-600 helps maintain water clarity by keeping particulates suspended and preventing them from settling on surfaces. This not only improves the overall appearance of the cooling tower water but also enhances heat transfer efficiency.

3

## Optimize System Performance

By preventing sediment buildup and ensuring optimal water flow, EcoFlow DS-600 helps optimize the performance of your cooling tower system. This translates into improved energy efficiency, reduced maintenance requirements, and extended equipment lifespan.



# EcoSoft ST-700: Enhancing Water Softening

1

## Reduce Water Hardness

EcoSoft ST-700 is a highly effective water softener designed to reduce hardness in cooling tower water. By adjusting the dosing based on water hardness levels, you can ensure optimal performance and prevent scale formation.

2

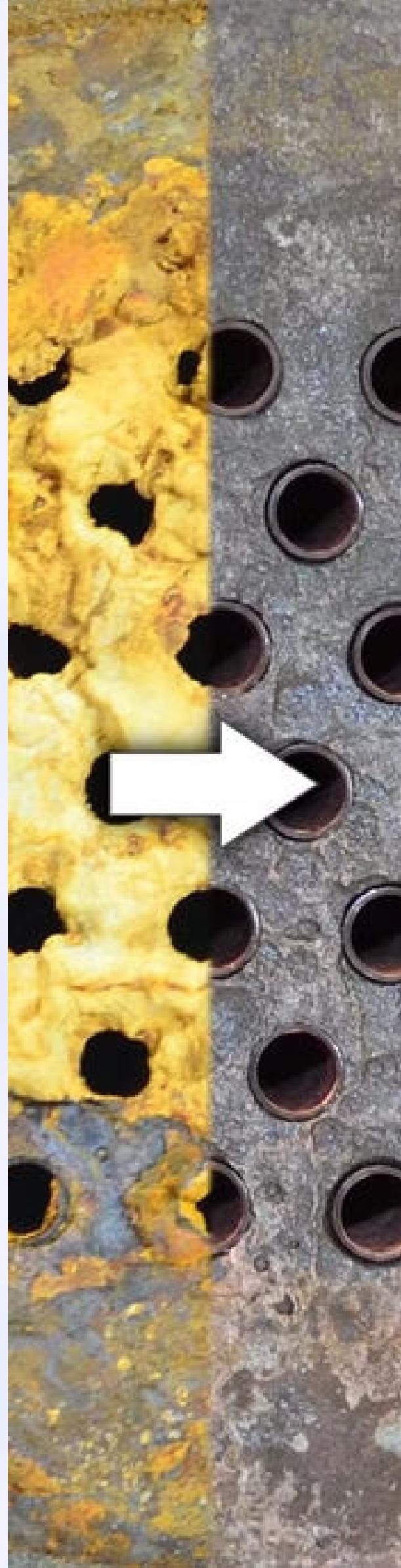
## Improve System Efficiency

Soft water enhances the efficiency of cooling tower systems by reducing the risk of scale buildup on heat transfer surfaces. This improved heat transfer efficiency translates into energy savings and lower operating costs.

3

## Extend Equipment Lifespan

By preventing scale formation, EcoSoft ST-700 helps extend the lifespan of your cooling tower equipment. This reduces the need for frequent repairs and replacements, minimizing maintenance costs and downtime.



# EcoPure CL-800: Restoring System Cleanliness



## Removes Scale

EcoPure CL-800 is a powerful system cleaner designed to remove existing scale buildup from cooling tower surfaces. Regular cleaning with this product helps restore heat transfer efficiency and system performance.



## Eliminates Corrosion By-Products

In addition to scale removal, EcoPure CL-800 effectively eliminates corrosion by-products that can accumulate within the cooling tower system. This helps extend the lifespan of metal components and minimizes the risk of equipment failure.



## Targets Biological Fouling

EcoPure CL-800 also targets biological fouling, removing biofilm and other organic deposits that can compromise system performance and efficiency. Periodic cleaning with this product ensures optimal system cleanliness and hygiene.



# Expert Technical Support and Customized Solutions



## Dedicated Technical Specialists

At Ecocare, we understand that every cooling tower system is unique, with specific challenges and requirements. Our team of dedicated technical specialists works closely with you to assess your system's needs and develop customized solutions tailored to your specific application.



## On-Site Analysis and Monitoring

Our technical specialists conduct on-site analysis and monitoring to ensure optimal performance of our products within your cooling tower system. This proactive approach allows us to make necessary adjustments and provide recommendations for continuous improvement.



## Training and Support

We provide comprehensive training and support to your personnel, ensuring they are equipped with the knowledge and skills necessary to effectively implement and maintain our cooling tower water treatment solutions.



# Maximizing Return on Investment



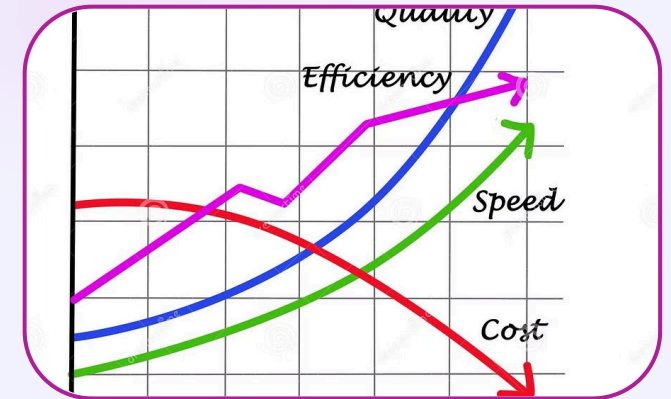
## Improved Operational Efficiency

By addressing common issues such as scaling, corrosion, and biological fouling, Ecocare's solutions help maximize the operational efficiency of your cooling tower systems. This translates into reduced energy consumption, minimized downtime, and lower maintenance costs.



## Extended Equipment Lifespan

Our comprehensive range of products is designed to protect and extend the lifespan of your cooling tower equipment. By preventing damage from scale, corrosion, and fouling, you can delay costly replacements and enjoy a longer service life from your investments.



## Cost Savings

The improved efficiency, reduced maintenance requirements, and extended equipment lifespan achieved through the implementation of Ecocare's solutions contribute to significant cost savings over the long term, maximizing your return on investment.

# Connect with EcoCare for Innovative Cooling Tower Solutions

Discover how EcoCare's cutting-edge water treatment products can optimize the performance and efficiency of your cooling tower systems. Get in touch with our experts at [ecocare@ecocaretech.com](mailto:ecocare@ecocaretech.com) or call [+919899786738](tel:+919899786738) to learn more.

