

EcoGuard SC-100

Protecting Your Systems from Harmful Mineral Buildup

EcoGuard SC-100 is a highly advanced scale inhibitor designed to prevent the formation of calcium carbonate and other mineral deposits on critical heat transfer surfaces. These mineral buildups can significantly reduce the efficiency of your systems, leading to higher maintenance costs and potential downtime.

By regularly dosing EcoGuard SC-100 based on the specific water hardness levels in your facility, you can ensure optimal protection for your equipment. The innovative formulation of this product effectively disrupts the crystallization process, keeping your heat exchangers, boilers, and other components running at peak performance.

Implementing EcoGuard SC-100 as part of your water treatment regimen can provide numerous benefits, including:

- Enhanced heat transfer efficiency, leading to energy savings
- Reduced maintenance requirements and downtime
- Extended equipment lifespan, minimizing replacement costs
- Improved system reliability and consistent operation

Trust EcoGuard SC-100 to protect your critical infrastructure and keep your operations running smoothly. Contact us today to learn more about how this innovative scale inhibitor can benefit your facility.

Applications

- Heat exchangers
- Boilers
- Cooling towers
- Chillers
- Process equipment
- Pipework and valves

Benefits

1 Enhanced Heat Transfer Efficiency

EcoGuard SC-100 helps maintain optimal heat transfer rates, leading to energy savings and improved system performance.

2 Reduced Maintenance Requirements

Fewer mineral deposits mean less frequent cleaning and maintenance, resulting in lower operational costs and fewer system interruptions.

3 Extended Equipment Lifespan

By preventing mineral buildup, EcoGuard SC-100 helps extend the lifespan of your critical equipment, reducing replacement costs.

4 Improved Reliability

Consistent, uninterrupted operation thanks to the protection provided by EcoGuard SC-100.

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Direction of Use

Determine the specific water hardness levels in your facility and dose EcoGuard SC-100 accordingly. The product should be added directly to the system at a recommended dosage rate to ensure optimal protection against mineral buildup.

Specifications and Properties

Appearance	Clear, colorless liquid
Specific Gravity	1.04 - 1.08
pH	4.0 - 6.0
Solubility	Completely soluble in water

Storage and Handling

Store EcoGuard SC-100 in a cool, dry place away from direct sunlight. Keep containers tightly closed when not in use. Avoid contact with skin, eyes, and clothing. Wear appropriate personal protective equipment (PPE) when handling the product.

Material Compatibility

EcoGuard SC-100 is compatible with most common materials used in industrial water systems, including mild steel, stainless steel, copper, brass, and various plastic components. However, it is always recommended to perform compatibility tests before use, especially with sensitive materials or coatings.