

ECOQUARD CI 200

Advanced Corrosion Inhibitor

Product Description

ECOQUARD CI 200 is a high-performance corrosion inhibitor formulated to protect metal surfaces in cooling tower systems.

Its unique blend of active ingredients provides comprehensive protection against the corrosive effects of water and environmental exposure, ensuring the longevity and efficiency of your cooling systems.

Applications

- Industrial cooling towers
- HVAC systems
- Process water systems
- Chilled water circuits
- Evaporative condensers

Benefits

1 Superior Corrosion Protection

Extends the life of metal components, including steel, copper, and aluminum.

3 Easy Integration

Compatible with other water treatment chemicals and systems.

2 Cost-Efficient

Reduces maintenance costs and downtime associated with corrosion-related failures.

4 Environmental Safety

Formulated to be environmentally friendly and compliant with industry regulations.

Direction of Use

1. **Initial Treatment:** Add ECOQUARD CI 200 to the system at a dosage of 100-150 ppm based on system water volume.
2. **Maintenance Dosing:** Maintain a residual concentration of 50-100 ppm through regular dosing.
3. **Monitoring:** Regularly monitor water chemistry and adjust dosage as needed to maintain optimal performance.

Specifications/Properties

Appearance	Clear, colorless to pale yellow liquid
pH (1% Solution)	7.0 - 8.5
Specific Gravity	1.10 - 1.20 at 20°C
Solubility	Completely soluble in water
Active Ingredients	Sodium molybdate, zinc orthophosphate, polyphosphate

Storage & Handling

1 Storage

Store in a cool, dry place away from direct sunlight and sources of heat. Keep the container tightly closed when not in use.

2 Handling

Use appropriate personal protective equipment (PPE) such as gloves and safety glasses. Avoid contact with skin and eyes. In case of contact, rinse thoroughly with water.

Material Compatibility

ECOQUARD CI 200 is compatible with a wide range of materials commonly used in cooling tower systems, including:

Metals

Steel, copper, aluminum, and galvanized metals.

Plastics

PVC, CPVC, polyethylene, and polypropylene.

Elastomers

EPDM, Viton, and Buna-N.

Ensure compatibility with specific materials in your system by consulting Ecocare guidelines or conducting a compatibility test.

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