



## CorrShield™ MD930

### RediFeed Closed System Treatment

- > Unique solid formulation provides effective corrosion and deposit control treatment for closed water systems, including closed chilled water systems, hydronic loops, and hot water boilers
- > Effective corrosion protection for steel, copper alloys and mixed metallurgy systems
- > Stable and effective at high temperatures and heat transfer rates
- > Contains a stable, non-corrosive buffer to maintain pH in the desired alkaline range for optimum corrosion protection
- > Compatible with glycol and alcohol-based antifreeze solutions
- > Components are not subject to biological degradation

#### Description and Use

CorrShield MD930 is a specially formulated, molybdate-based, solid product designed for use in the patented GE RediFeed™ system. It is highly effective for both corrosion and deposit control in a variety of aqueous closed systems, including chilled water, dual-temperature hydronic loops and hot water boilers.

In addition to molybdate for steel corrosion protection, CorrShield MD930 contains a specific corrosion inhibitor for copper alloys, a stable, non-corrosive buffer and a polymeric dispersant. The buffer maintains the pH of the system's water in the desired alkaline range to minimize corrosion of both steel and copper-based alloys.

The polymeric dispersant in CorrShield MD930 minimizes the formation of deposits on heat transfer and general system surfaces, and assists in maintaining de-

posit particles in suspension to facilitate their removal via filtration.

#### Typical Application

CorrShield MD930 is a specially packaged solid formulation that is specifically designed for use with the RediFeed dispenser system. It can be utilized for treatment and protection of closed chilled water systems, hydronic loops and hot water boiler systems.

Due to system size limitations, this product is not recommended for large thermal energy storage systems. Caution should also be exercised regarding application in systems with a high percentage of aluminum alloy surfaces. The pH range produced by the special buffer in CorrShield MD930 is somewhat higher than is optimum for corrosion protection of aluminum alloys.

#### Treatment and Feeding Requirements

Proper treatment levels of CorrShield MD930 depend on many factors particular to a given closed system. The product should be used in accordance with control procedures that your representative establishes for a specific application.

CorrShield MD930 is fed using the RediFeed solid chemical dispenser and good quality water. Feed of the product is controlled by a simple and accurate molybdate test. Pumps, valves and associated piping should be made of mild steel, stainless steel, polypropylene or HDCL polypropylene.

#### Packaging Information

CorrShield MD930 is a solid product packaged in a one-gallon container that is specifically designed for use in the RediFeed solid chemical dispenser. The standard shipping container is one case.

Each case holds four one-gallon containers and weighs 32 pounds.

### **Storage**

Store CorrShield MD930 at moderate temperatures. Do not store at temperatures that are above 100° F.

### **Safety Precautions**

A Material Safety Data Sheet containing detailed information about this product is available upon request.