



CWT-PDS-Millsperse MS7100

Millsperse™ MS7100 Corrosion Inhibitor

Product Description

Millsperse MS7100 corrosion inhibitor is a concentrated liquid polyphosphate product. It is designed for control of corrosion and deposition in once-through and open recirculating cooling water systems.

Corrosion and deposition/scaling can be serious problems in cooling water systems if not effectively controlled. Corrosion can result in failures of piping and heat exchangers, and the re-deposition of corrosion products can reduce process efficiency and even limit production. While iron, manganese or mud/silt in the make-up water can also have the same negative impact.

As concentrations increase in recirculating systems, various hardness (calcium and magnesium) compounds can form troublesome scale on heat transfer surfaces once their solubility is exceeded. Effective treatment is normally required in order to address these problems.

The polyphosphate in Millsperse MS7100 functions as an effective cathodic carbon steel corrosion inhibitor. In addition, Millsperse MS7100 stabilizes soluble iron and manganese, thereby helping to control deposition within the system.

Benefits

- Increases overall system reliability and efficiency by reducing corrosion rates to acceptable levels
- Reduced corrosion results in less corrosion product generation and subsequently less deposition on critical heat transfer surfaces
- Helps control the deposition of iron and manganese
- Reduces maintenance costs and extends the life of piping and heat exchangers and related equipment
- Easy to feed liquid product

Product Dosage and Control

The dosage of Millsperse MS7100 is dependent on the type of system, operating conditions and the quality of makeup water. Your Solenis representative will custom design the treatment program and recommend the treatment levels, feed point location, and control methods for your particular application.

Millsperse MS7100 is fully compatible with Solenis' proprietary OnGuard™ Monitoring and Control Systems.

Product Application

Millsperse MS7100 is typically added to the cooling water line or cooling tower basin as a continuous feed of neat (undiluted) product. In some situations, the recommended delivery method will be to a dilution water feed line.

Packaging

This product is available in a variety of packaging sizes. Your Solenis representative will recommend the appropriate packaging for the application.

Important Information

Typical Properties: Refer to the Safety Data Sheet (SDS).

Regulatory Information: Refer to the SDS or contact your Solenis representative for any additional regulatory and environmental information.

Safety: Solenis maintains an SDS for all of its products. Use the health and safety information contained in the SDS to develop appropriate product handling procedures to protect employees. SDS should be read and understood by all of your supervisory personnel and employees before using Solenis products.