



OptiGuard™ MCA951

RediFeed All-in-One Treatment

- > Unique solid formulation provides complete treatment for boilers in a single product
- > Advanced all-polymer internal treatment improves boiler efficiency by maintaining cleaner heat transfer surfaces
- > Maximum flexibility and forgiveness
- > Excellent for systems without a deaerator

Description and Use

OptiGuard™ MCA951 is an advanced, multicomponent formulation that includes an oxygen scavenger, all-polymer internal treatment, and a neutralizing amine. It provides a complete boiler system treatment in a single, easily fed solid concentrate.

OptiGuard MCA951 promotes maximum boiler efficiency by preventing the formation of both hardness and metal oxide deposits on boiler heat transfer surfaces.

OptiGuard MCA951 also contains a highly effective oxygen scavenger to control oxygen corrosion in the preboiler and boiler systems. OptiGuard MCA951 is effective in controlling dissolved oxygen in systems that do not have a pressure deaerator.

OptiGuard MCA951 contains a neutralizing amine that has been selected for its stability and volatility. The neutralizing amine provides controlled protection at points of initial condensation and in extended areas of complex condensate systems. This extends equipment life and increases the efficiency of heat exchange equipment.

Typical Application

OptiGuard MCA951 is designed for use with the RediFeed™ dispenser, the dispensing solution for small boiler systems.

Water & Process Technologies

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The RediFeed system is appropriate for steam boiler systems up to 200 BHP capacity.

Treatment and Feeding Requirements

Proper treatment levels for OptiGuard MCA951 depend on many factors particular to a given boiler system. The product should be used in accordance with control procedures that are established by GE Infrastructure Water & Process Technologies for your specific application.

OptiGuard MCA951 is fed using the RediFeed solid chemical feeder with solution strength control. Good quality water should be used. Feed of the product is controlled by a simple and accurate sulfite test. Pumps, valves and associated piping should be made of carbon or stainless steel, polypropylene or HDCL polyethylene.

The preferred feed point for OptiGuard MCA951 is to either the feedwater tank or hot well.

Packaging Information

OptiGuard MCA951 is a solid product contained in a one-gallon container that is specifically designed to be used in the RediFeed solid chemical feeder with solution strength control. The standard shipping size is one case. Each case holds four one-gallon containers.

Safety Precautions

A material safety data Sheet containing detailed information about this product is available on request.