



OptiGuard™ MCP953 All-In-One Boiler Water Treatment

- Designed for use in RediFeed™ solid product delivery system
- Unique solid formulation provides complete boiler treatment in a single product
- Improves boiler efficiency by maintaining cleaner heat transfer surfaces
- Maximum flexibility and forgiveness
- Excellent for systems without a deaerator
- Balanced neutralizing amine provides effective condensate system protection

DESCRIPTION AND USE

OptiGuard™ MCP953 is an advanced, multicomponent formulation that includes an oxygen scavenger, phosphate-polymer based internal treatment, neutralizing amine for condensate protection, caustic for alkalinity development, and antifoam. It provides a complete boiler system treatment in a single, easily fed solid concentrate.

OptiGuard MCP953 promotes maximum boiler efficiency by preventing the formation of both hardness and metal oxide deposits on boiler heat transfer surfaces.

OptiGuard MCP953 also contains a highly effective oxygen scavenger to control oxygen corrosion in the preboiler and boiler systems. OptiGuard MCP953 is formulated so that it is particularly effective in controlling dissolved oxygen in systems that do not have a deaerator.

OptiGuard MCP953 contains a neutralizing amine with selected stability and volatility. Characteristics of this amine provide 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.

TREATMENT AND FEEDING REQUIREMENTS

Proper treatment levels for OptiGuard MCP953 depend on many factors particular to a given boiler system. The product should be used in accordance with control procedures that GE Betz establishes for a specific application.

OptiGuard MCP953 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 mild steel, stainless steel, polypropylene or HDCL polyethylene.

The preferred feed point for OptiGuard MCP953 is to either the feedwater tank or hot well.

GENERAL PROPERTIES

Physical properties of OptiGuard MCP953 are shown on the Material Safety Data Sheet, a copy of which is available on request.

PACKAGING INFORMATION

OptiGuard MCP953 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.

STORAGE

Store OptiGuard MCP953 at moderate temperatures. Do not store at temperatures that are over 100°F.

SAFETY PRECAUTIONS

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