



CORTROL™ IS3010 Oxygen Scavenger

- Controls preboiler and boiler oxygen corrosion
- Approved for use in Health Canada and Agriculture Canada regulated plants

DESCRIPTION AND USE

CORTROL™ IS3010 is a powdered organic-sodium sulfite blend which is designed to control oxygen corrosion. It is suitable for use in both Health Canada and Agriculture Canada applications, particularly in meat and poultry plants where a decharacterized sulfite is required. This product may not be used in potable water systems.

Even with effective feedwater heating, sufficient dissolved oxygen can remain in the water to damage the boiler system. CORTROL IS3010 controls corrosion by reacting directly with oxygen and creating a reducing atmosphere in the boiler.

TYPICAL APPLICATIONS

Proper treatment levels for CORTROL IS3010 depend on many factors particular to a given installation. Although sulfite residuals are usually maintained between 30-50 (mg/L), the product should be used in accordance with control procedures that GE Betz establishes for a specific application.

CORTROL IS3010 should be mixed with softened makeup, condensate, or feedwater to make a chemical feed solution of any convenient strength; however, the solution should not exceed 10% by weight. The day tank should be covered to minimize outside air contact.

The product should preferably be fed to the deaerating heater storage section, hot well, or feedwater line. It may also be fed directly to the boiler drum.

When CORTROL IS3010 is fed by itself, the solution tank should be made of lined steel or other corrosion-resistant construction. Specific precautions are not required for the piping or chemical feed pump.

GENERAL PROPERTIES

Physical properties of CORTROL IS3010 are shown on the Material Safety Data Sheet, a copy of which is available on request.

PACKAGING INFORMATION

CORTROL IS3010 is available in a variety of containers and delivery methods. Contact your GE Betz representative for details.

SAFETY PRECAUTIONS

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