

## **OS1437**

### **CATALYZED, SULFITE-BASED OXYGEN SCAVENGER**

#### **DESCRIPTION**

OS1437 highly concentrated alkaline sulfite solution which, when added to boiler feedwater, removes dissolved oxygen. OS1437 contains a catalyst that increases the rate of reaction with dissolved oxygen. By acting as an oxygen scavenger, OS1437 is used to control corrosion and pitting caused by the presence of dissolved oxygen.

#### **FEATURES AND BENEFITS**

- Improves boiler system reliability and longevity
- Removes corrosive oxygen from the boiler feedwater and boiler water
- Catalyst increases sulfite reactivity

#### **PRODUCT FEED AND CONTROL**

OS1437 must be mixed in a chemical feed tank using good quality condensate, softened water, or feedwater. An agitator is required to assure complete dissolution of the product. OS1437 may be mixed with most common chemicals used for boiler treatment. Tanks, pumps, piping and valves should be made of stainless steel, polyethylene, or PVC.

OS1437 is normally controlled by a sulfite test on the boiler water. Control ranges can vary widely depending upon both makeup water characteristics and system operating conditions and will be specified by the technical representative servicing the facility.

#### **PHYSICAL PROPERTIES**

Physical properties of OS1437 are shown on the Material Safety Data Sheet (MSDS), a copy of which is available upon request.

#### **STORAGE AND HANDLING**

Keep in a tightly closed container. Store indoors. Recommended storage temperature is 50° F - 105° F (10° C - 40° C). Do not reuse container. Dispose of empty container in compliance with federal, state/provincial and local laws and regulations.

#### **ENVIRONMENTAL, HEALTH, AND SAFETY**

For detailed information, consult the material safety data sheet (MSDS).

#### **PACKAGING**

OS1437 is available in a wide variety of customized containers and delivery methods.