

6263

OXY-TROL Oxygen Control

APPLICATION

Oxygen attack on return condensate lines and heat-transfer surfaces is a common contribution of metal loss. The loss of metal creates pits that rupture causing a loss of condensate and energy. It is vital that oxygen presence in condensate be controlled to prevent such metal loss. The oxygen control components of CH₂O's OXY-TROL products work together to control oxygen corrosion of return condensate line and heat exchanger metal.



Product **6263** is a liquid sulfite oxygen scavenger. With oxygen removed, internal metal components of the steam generation and utilization system (e.g., deaerator storage tank and feedwater lines) receive protection from this source of corrosion.

Product **6263** is approved for use in food processing plants where FDA regulations apply.

SAFETY & HANDLING PROCEDURE

This product is a neutral material. It is not considered hazardous, however safe handling procedure associated with industrial chemicals of this type are recommended.

FEEDING TECHNIQUE

Normally this product is delivered ready-to-use or it may be diluted in a separate chemical mixing tank. It may be pumped neat from the drum or tote. Product **6263** may be added directly to the storage tank of the deaerator by way of a metering pump. Alternate feeding methods include metering into the boiler feedwater line or directly into the boiler below the water line.

CONTROL

Maintain a residual of 20 to 40 parts per million of sulfite as tested by CH₂O's **SS-5** test kit, in the system at all times. Contact your CH₂O water treatment specialist for further information on analytical testing. Daily testing is recommended to maintain proper control. Failure to monitor and maintain treatment levels can cause damage. In addition to monitoring and maintaining treatment levels, it is the customer's responsibility to ensure the product is fit for its intended application.

DOSAGE

Initially charge the system at the rate of 17 fluid ounces per 1,000 gallons of system capacity. Maintain system by feeding product **6263** at the rate of 2 to 3 ounces per 1,000 gallons of makeup.

PHYSICAL PROPERTIES

pH of 1% Solution 6.0-8.0
Pounds per Gallon 9.7-10.2
Physical Appearance Clear Liquid
Odor None
Flash Point NA

Seller Warranty

CH₂O brand test reagent refills are available through your sales representative at no charge. Customers are required to confirm product compatibility via a control test for their specific application. CH₂O recommends that you perform regular/daily testing to control chemical levels and cycles of concentration within established limits. Additional tests may be performed at your request. Test reports reflect conditions at the point when the analysis was performed. Results will change over time and with varying operating conditions.

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the product data sheet. Buyer is responsible to ensure that products and product dosages are appropriate for Buyer's particular application. Seller makes no other warranty or representation of any kind, express or implied, concerning the product, including NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS OF THE GOODS FOR ANY OTHER PARTICULAR PURPOSE. No such warranties shall be implied by law and no agent of seller is authorized to alter this warranty in any way except in writing with a specific reference to this warranty. The exclusive remedy against seller shall be a claim for damages not to exceed the purchase price of the product, without regard to whether such a claim is based upon breach of warranty or tort. Jurisdiction for any issues arising from or relating to this product shall be in the courts of the State of Washington and the venue shall be Thurston County. Any controversy or claim arising out of or relating to this contract, or breach thereof, shall be settled by arbitration in accordance with the rules and procedures as stated in RCW 7.06 and shall be binding upon both parties without right to appeal, and judgment upon the award rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof.

Applies to all products sold by CH₂O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH₂O products is subject to the Standard Terms and Conditions as listed on CH₂O, Inc.'s website at: www.ch2o.com.