



8820 Old Hwy 99 SE, Olympia, Washington 98501, USA
360-943-6063 800-562-6184 FAX 360-352-4813 www.ch2o.com

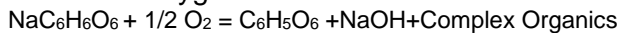
Product
Bulletin

6265 OXY-TROL HYDRONIC LOOP TREATMENT

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.

Reaction with oxygen:



Reaction of iron oxides:



PRODUCT 6265 is a sodium erythorbate base for iron protection plus an organic amine for condensate pH control. With oxygen removed, all 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 6265** is approved for use in food processing plants where FDA regulations apply.

SAFETY & HANDLING PROCEDURE

This product is an alkaline liquid. It is recommended that the user review the SDS before handling. It is important to use the proper PPE during use and handling of this product.

DOSAGE

Charge the system at the rate of 0.6 gallons per 1,000 gallons of water. Increase the dose rate as the feed water temperature decreases below 200°F.

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 6265** 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

Daily testing is recommended to maintain proper control. Failure to monitor and maintain treatment levels can cause damage. It is the customer's responsibility to monitor and maintain treatment levels with support from a CH₂O sales representative.

PHYSICAL PROPERTIES

pH of 1% Solution 9.0-10.5
Pounds per Gallon 8.7-8.8
Physical Appearance Yellowish Liquid
Odor None
Flash Point >200°F

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.



VERSION DATE: 04/04/2023

REVISION DATE: 07/19/2024

