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6317 POSCA
COOLING WATER TREATMENT

APPLICATION

CH2O Cooling Water Treatment products are designed to reduce generalized corrosion and mineral deposition in evaporative cooling systems.

Product performance is dependent upon maintaining proper chemical residuals, system operation, design, cleanliness, metallurgy, and water quality.

- Initial system cleaning and passivation in accordance with manufacturers recommendations;
periodic inspections of all system components;
maintaining systems free from particulate matter and sludge accumulations;
insuring proper chemical feed rates and system bleed-off;
control of biological organisms accompanied by periodic biological testing; and,
daily testing and recording of chemical residuals.

If problems are encountered maintaining product residuals, additional analytical testing may be required. At your request a CH2O Water Treatment Specialist may assist in performing these services.

Product 6317 is formulated to meet cooling tower needs not only for high mineral control, but it is particularly well suited for systems which have shown signs of white rust.

SAFETY & HANDLING PROCEDURE

This product contains an inorganic acid which will cause burns upon exposure. Wear full protective clothing including impervious apron, boots, goggles and face shield when handling.

FEEDING TECHNIQUE

Inject through a dilution trough, or area of high dispersion to avoid direct contact of the concentrated product with system metal. Caution: Extreme damage / corrosion may result from improper feed or injection of this product.

CONTROL

It is recommended to maintain 4 to 8 ppm as a gross orthophosphate residual in the system at all times. As an alternate test method, maintain a residual of 2 to 4 parts per million of POSCA, as tested by CH2O's P-2 Test Kit, in the system at all times.

DOSAGE

Initially charge the system at the rate of 20-40 fluid ounces per 1,000 gallons of system capacity. Maintain system treatment by feeding product 6317 at a rate proportionate to the cycles of concentration being maintained with respect to the volume of feed water.

PHYSICAL PROPERTIES

Table with 2 columns: Property and Value. Rows include pH of 1% Solution (1.0-2.5), Pounds per Gallon (10.7-11.2), Physical Appearance (Clear, Yellowish Liquid), Odor (Mild), and 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.

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.

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.



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