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086 INORGANIC ACID FOR MINERAL DEPOSIT REMOVAL

APPLICATION

Boilers, cooling towers, and other types of heat-transfer equipment are subject to fouling by mineral deposits. A typical hardness mineral, calcium, will form calcium carbonate (CaCO₃) precipitate when source water is not conditioned or chemically treated.

Heavy-Duty Action

Product **086** is a strong mineral acid for removal of mineral deposits. It is blended with corrosion inhibitors to help prevent damage of treated equipment from the acid. This heavy-duty formulation allows use-solution concentrations, resulting in low-cost cleaning with optimum performance.

Preventive Maintenance

Product **086** should not be considered for use as a continuous water conditioner. Consult your CH₂O Technical Representative for preventive maintenance program recommendations.

GENERAL DIRECTIONS

Fill the system with the desired amount of cleaning solution. Add 1.5 pounds of product **086** per gallon with mixing or circulation to produce a solution of uniform concentration. Allow circulation until mineral deposit is removed. Monitor the system during the process for completeness of cleaning. The conditions of use are beyond our control; therefore, CH₂O disclaims any damage that may occur.

SAFETY & HANDLING PROCEDURE

Product **086** is a powdered inorganic acid, which will cause burns upon exposure. Wear protective clothing and face shield when handling. Flush exposed skin with cold water. Do not give emetics if ingested. Give 5 or 6 ounces of milk or water and call a physician immediately. This product is a strong acid and may cause damage to equipment or personnel if improperly applied.

DISPOSAL

Neutralize solution to pH of 6 to 8 before disposal. Waste generated from the use of this product is the responsibility of the customer. Dispose of spent solution in accordance with federal, state and local regulatory requirements.

PHYSICAL PROPERTIES

pH of Use Solution 1.7 to 1.8
Appearance Tan Powder
Odor Moderate
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.

