



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

# 889 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 (CaCO<sub>3</sub>) precipitate when source water is not conditioned or chemically treated.

### Heavy-Duty Action

**PRODUCT 889** is a strong mineral acid for removal of mineral deposits. This heavy-duty formulation allows use-solution concentrations, resulting in low-cost cleaning with optimum performance.

### Preventive Maintenance

**PRODUCT 889** may also be employed to reduce pH in commercial/industrial process water.

### GENERAL DIRECTIONS

Use at a rate of 1 gallon per 8 gallons of solution. For cleaning applications. Use as required for pH control. This product is a strong acid and may cause damage to equipment or personnel if improperly applied. The conditions of use are beyond our control; therefore, CH<sub>2</sub>O disclaims any damage that may occur.

### FEEDING TECHNIQUE

Add directly into circulating water of system to be cleaned. Allow circulation until mineral deposit is removed.

### SAFETY & HANDLING PROCEDURE

**PRODUCT 889** contains an inorganic acid which will cause burns upon exposure. Wear full protective clothing including impervious apron, boots, goggles and face shield when handling. Flush exposed skin with cold water immediately. Do not give emetics if ingested. Give 5 or 6 ounces of milk or water and call a physician immediately.

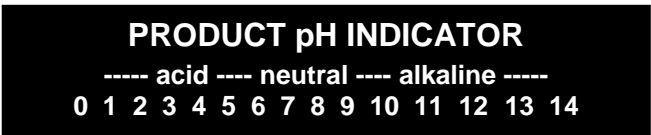
Daily testing is recommended to maintain proper control. Failure to monitor and maintain treatment levels can cause damage. It is the customer's responsibility to monitor and maintain treatment levels.

### 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.....	1.0
Appearance .....	Light Gray to Colorless Liquid
Odor.....	Pungent
Pounds per Gallon.....	11.4-11.9
Flash Point.....	NA



### Seller Warranty

CH<sub>2</sub>O 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. CH<sub>2</sub>O 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 directions for use when used in accordance with the directions under normal conditions. Buyer assumes the risk of any use contrary to such directions. 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 CH<sub>2</sub>O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH<sub>2</sub>O products is subject to the Standard Terms and Conditions as listed on CH<sub>2</sub>O, Inc.'s website at: [www.ch2o.com](http://www.ch2o.com).



VERSION DATE: August 17, 2001 | REVISION DATE: September 2011

