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888

“SAFER” ACID CLEANER

APPLICATION

Mineral deposits are a problem wherever water is present and evaporates or dries. In industrial water treatment applications, it may be necessary to remove mineral deposits to ensure heat transfer efficiency.

Mineral deposit removal has historically been performed with strong, and typically quite toxic, mineral acids. These strong acids can be damaging both to system metals and to the people handling them.

888 “SAFER” ACID CLEANER is a concentrated blend of buffered acids and wetting agents and has been formulated to be less corrosive. It is particularly effective at removing light to moderate mineral deposits, particularly calcium carbonate. The product reduces the need for additional inhibitor additives.

888 “SAFER” ACID CLEANER can be used in many industrial applications, including cooling tower fill, condenser coils, etc. The customer should consult with the equipment manufacturer to insure compatibility prior to application.

SAFETY & HANDLING PROCEDURE

888 “SAFER” ACID CLEANER is an acidic liquid. Chemical splash goggles and impervious gloves should be worn when handling the concentrated product and its solutions.

Refer to the Safety Data Sheet for further safety and handling procedures.

DIRECTIONS FOR USE:

888 “SAFER” ACID CLEANER works best when the use-solution is applied directly onto the mineral deposit. If possible, isolate the area being cleaned and use containment for over-spray so it does not cause damage to other areas or the environment. Dispose of spent solution in accordance with local, state, and federal requirements.

For lighter deposits, make a 20 to 25% solution of product in water before use. If the deposits are moderate, use a 25% to 50% solution of product in water. Apply product dilution and allow the surface to remain undisturbed for 20 to 30 minutes. Flush the treated areas with low to medium pressure water to remove. Note that heavily scaled areas may require multiple treatments to completely remove deposition.

CONTROL

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. Additional testing may be performed upon request.

PHYSICAL PROPERTIES

pH	Less than 2.0
Pounds per Gallon	8.8 – 9.3
Physical Appearance	Clear Liquid
Odor	Mildly Pungent
Flash Point.....	NA
Odor	Mild
Flash Point.....	N/A

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: Pending PDQC	REVISION DATE: NA; original
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