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BOIL OUT LIQUID CLEANING COMPOUND FOR HOT & CHILLED WATER PIPING, & CONDENSER WATER SYSTEMS

APPLICATION

BOIL OUT LIQUID is a chemical cleaning compound for the treatment and flushing of hot and chilled water piping, and condenser water systems.

Pre-cleaning is recommended to remove oil and grease remaining from fabrication of new equipment. If new systems are not cleaned and flushed properly, the system can experience fluctuation in water levels and cause unwanted down time.

SAFETY & HANDLING PROCEDURE

This product is a highly alkaline liquid. It should be handled with extreme caution, making sure to avoid chemical contact with eyes or skin. Wash any exposed areas immediately with fresh water for 15 minutes. Remove and launder contaminated clothing before reuse. Read Material Safety Data Sheet for further safety and handling instructions.

DOSAGE

Use **BOIL OUT LIQUID** at the rate of 3 to 5 gallons per 1,000 gallons of system water.

FEEDING TECHNIQUE

Fill the equipment to be cleaned to the appropriate operating level. Add BOIL OUT LIQUID at the recommended feed rate and circulate for not less than 24 hours with the system circulation pump. Steam boilers should be operated at around 5 pounds of pressure to ensure good circulation inside the vessel. During this time, open and close all manual valves and operate all automatic valves through several cycles. Once cleaning is finished the boiler should be drained completely and filled (as a rinse) with fresh water and then drained.

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.

CONTROL

The use-solution should have a p-Alkalinity of 500 to 900 ppm, as tested on CH₂O 's APA-50 test kit. Consult with your CH₂O water treatment specialist for further testing information.

PHYSICAL PROPERTIES

pH of 1% Solution.....	>12
Pounds per Gallon.....	10.3-10.8
Physical Appearance.....	Clear Liquid
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 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 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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