

RICETEC®

Algaecide / Bactericide

APPLICATION

ALGAE AND TADPOLE SHRIMP IN RICE FIELDS:

Apply RICETEC® at the first sign of algae growth on the surface of the field. Applications are most effective when made prior to algae leaving the soil surface and rising to the water surface. Factors such as water depth, temperature, pH and the amount of algae can affect the amount of RICETEC® required. If the depth of water is 8 inches, apply 9 gallons of product per acre. RICETEC® can be metered into the rice field as water is being applied or slug fed into each paddy when water is being held. Do not exceed a metallic copper concentration in water of 2.5 ppm of metallic copper concentration. Do not exceed 1 ppm of metallic copper if tadpole shrimp are not present.

WATERBORNE PATHOGENS:

Legionella bacteria and other pathogens may be present in water systems. Application of a microbicide does not guarantee the absence of such pathogens, nor is it possible or reasonable to eliminate all risk of infection. Users should develop a comprehensive water management plan in accordance with ANSI/ASHRAE Standard 188, OSHA guidelines (OSHA Technical Manual Section III: Chapter 7), and other guidelines applicable to the specific facility/system. CH₂O, Inc. recommends that testing for legionella bacteria be incorporated in the facility's water management plan.

ALGAE/BACTERIA CONTROL IN IMPOUNDED WATERS, LAKES, PONDS, LIVESTOCK WATERING SYSTEMS, RESERVOIRS OR IRRIGATION CANALS:

Apply RICETEC® through metering pump, subsurface hoses or from a properly equipped moving boat into the lakes, ponds, reservoirs or irrigation canals. When applying from boat, use minimal speed to allow the prop wash to disperse and mix the product into the treated waters. Dispense up to 5.5 gallons per acre-foot of water. Apply in late spring or early summer when algae/bacteria* first appear. For best results, disperse RICETEC® evenly to warm, still water on a sunny day when algae are near the surface.

Use rates vary, depending on algae/bacteria* species, water hardness, water temperature, and amount of algae/bacteria* present; as well as whether water is clear, turbid, flowing or static. Preferably, the water should be clear with temperatures above 60°F. Static water requires less chemical for algae/bacteria* control than does flowing water. Use higher dosages for chara, nitella, and filamentous algae, and lower dosages for planktonic algae. If there is uncertainty about the dosage, begin with a lower dose and increase until control is achieved or until the maximum allowable level has been reached.

SAFETY & HANDLING PROCEDURE

This product is an acidic liquid. It can be safely handled using standard precautionary procedure associated with industrial chemicals of this type. Review product SDS for further instruction.

DOSAGE

Calculate the Acre-Feet of water in body of water to be treated by calculating the surface area in square feet. Then divide by 43,560 (sq. ft./acre). Then multiply by the average depth in feet.

- 1 Acre Foot of Water = An area of 43,560 sq. ft. x 1 foot depth
- 1 Acre Foot of Water = 43,560 cubic feet = 325,851.6 gallons
- 1 Cubic Foot of Water = 62.4 pounds
- 1 Acre Foot of Water = 43,560 x 62.4 = 2,720,000 pounds

CONTROL

Gals. Product per acre/ft	Equivalent Copper (ppm Cu)
0.33	0.06
0.50	0.09
3.30	0.60
5.50	1.00

Contact your CH₂O representative for further information on analytical testing. Daily testing is necessary for best results and 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.

NOTES

Do not apply RICETEC® to water containing less than 40 ppm alkalinity without first testing fish toxicity in a separate container.

Treatment of algae can result in oxygen loss from the decomposition of dead algae, which may cause fish suffocation. If algae cover more than one-third of the total water area, treat in sections and wait 14 days between treatments. Begin treatment along the shore and proceed outward in bands to allow fish to move into untreated areas.

PHYSICAL PROPERTIES

pH of 1% Solution 3-4
Pounds per Gallon 9.75-10.25
Physical Appearance Blue-green Liquid, Mild Odor
EPA Reg No:..... 88930-1

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.