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AQUA-SAN 15

WATER SYSTEM DISINFECTANT

(INTERNATIONAL PATENTS ISSUED AND PENDING)

APPLICATION

AQUA-SAN 15 is the oxidizer portion of a two-part disinfectant generating system. When it is reacted with one of our **SURE-FLOW** products, a disinfectant-chelant solution is produced. These products are designed to be used with CH₂O Generation Equipment, only.

Solutions produced by **AQUA-SAN 15** are highly sanitizing. They are far more effective at killing microorganisms found in aquatic environments than sodium and other hypochlorites.

The CH₂O Generation System is used for bio-control in food processing flumes, cooling water; recycle water, and other water-using equipment. It is used to make sanitizing rinses for food handling surfaces, equipment, and utensils. Potable water disinfection and sulfide removal are other uses. **AQUA-SAN 15** is used for the control of bacterial slime, algae, and fungi in industrial circulating and one-pass cooling systems.

DIRECTIONS FOR USE

AQUA-SAN 15 should be reacted in CH₂O's **Generation Equipment** with CH₂O's **SURE-FLOW PRODUCTS**. The generator should be adjusted to yield a chlorine dioxide residual of less than 1 ppm. A control test is recommended on individual plant species to determine tolerance. Your CH₂O water treatment specialist can assist with generator monitoring.

SAFETY & HANDLING PROCEDURE

AQUA-SAN 15 contains a strong oxidizing agent. Mixing this product with acids, alcohol, or other chemicals may cause the evolution of a hazardous gas mixture, which is toxic and may be explosive. Use only thoroughly cleaned, dry (transfer pump, storage container, etc.) when handling, as contamination may start a chemical reaction with generation of heat, liberation of hazardous gases and possible fire/explosion.

SAFETY & HANDLING PROCEDURE con.

This product contains a chemical that is degraded by heat and exposure to UV light (sunlight). Product should be stored inside, out of sunlight exposure, unless the container is open, and the product is on-line and in use.

Do not get product in eyes, skin, or on clothing. Safety glasses and impervious gloves must be worn when handling the concentrated product. Exposure to concentrated product can cause severe irritation with potential burns upon prolonged or repeated contact.

FEEDING TECHNIQUE

Combine this product with a CH₂O activator at a 1:1 ratio using CH₂O automated metering equipment and inject directly into the water distribution system. Never mix this product with another without the use of properly tested metering equipment.

CONTROL

Do not exceed 5 ppm total oxidant as tested by CH₂O reagents. 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. Additional testing may be performed upon request.

REGULATORY APPROVAL

AQUA-SAN 15 is federally listed under the registration number 5382-44-43553

PHYSICAL PROPERTIES

Appearance Clear Pale Green Liquid
Odor Mild Ammonia-sulfide
Foam None
Pounds per Gallon 9.1 - 9.6
pH of Use Solution Variable

Seller Warranty

Applies to all products sold by CH₂O, Inc., and is hereby communicated to all of its customers as a condition of sale.

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.

January 18,2006 (Rev 12-10)

