



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

Product  
Bulletin

## IVR-SAN 15 WATER SYSTEM DISINFECTANT (INTERNATIONAL PATENTS ISSUED AND PENDING)

### APPLICATION

**IVR-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 **CH<sub>2</sub>O Generation Equipment**, only.

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

The **CH<sub>2</sub>O 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. **IVR-SAN 15** is used for the control of bacterial slime and algae in industrial circulating and one-pass cooling systems.

### DIRECTIONS FOR USE

**IVR-SAN 15** should be reacted in **CH<sub>2</sub>O Generation Equipment** with **CH<sub>2</sub>O's SURE-FLOW PRODUCTS**. The generator should be adjusted to a total oxidant residual (as chlorine) of less than 1 ppm. Your **CH<sub>2</sub>O** water treatment specialist can assist with generator monitoring.

### SAFETY & HANDLING PROCEDURE

**IVR-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. Avoid exposure to high temperatures and UV light during storage. Use only thoroughly cleaned, dry utensils (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.

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.

### REGULATORY APPROVAL

**IVR-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 CH<sub>2</sub>O, 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.

December 28, 2007