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IVR-SAN 25
WATER SYSTEM DISINFECTANT

APPLICATION

IVR-SAN 25 is the oxidizer portion of a highly-effective disinfectant that is intended to be generated on-site with one or two other chemicals (activators). Solutions produced from IVR-SAN 25 are far more effective disinfectants in the presence of organic matter than are chlorine and hypochlorite solutions.

The efficacy of disinfecting solutions generated from IVR-SAN 25 and an activator are not appreciably changed by varying pH, whereas the efficacy of chlorine and hypochlorite solutions diminish greatly with higher pH values.

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.

DIRECTIONS FOR USE

IVR-SAN 25 should be reacted in one of CH2O's Generation Systems using an activator(s) that has been selected considering the intended application. CH2O has a complete line of activators for use in food-processing, agricultural, and industrial applications.

The disinfecting solutions produced in CH2O's Generation Systems can be used for controlling microbial populations in poultry process water, food plant process water, industrial cooling water treatment, potable water treatment, bacterial slime control in paper mills, mollusk control in water systems, and wastewater treatment.

SAFETY & HANDLING PROCEDURE

IVR-SAN 25 contains a strong oxidizing agent that is both alkaline and corrosive. Mixing this product with acids, alcohol, or other chemicals may cause a reaction with the evolution of a hazardous gas mixture, which is toxic and may be explosive.

This product 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.

FEEDING TECHNIQUE

Combine IVR-SAN 25 with one of CH2O's activator products using a CH2O automated metering system. Although a 1:1 ratio between IVR-SAN 25 and the activator is common, the ratio used will be dependent upon your specific conditions.

CONTROL

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.

Use only with CH2O operating equipment. A control test is necessary for individual applications to determine tolerance. Customers shall set treatment levels based on their control test results.

PHYSICAL PROPERTIES

Appearance.....Clear, Pale Green Liquid
Odor.....Mild Ammonia-sulfide
Foam.....None
Pounds per Gallon.....10.8-11.3
pH of Use Solution.....Variable

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.

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.

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.

