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**Product
Bulletin**

PERASAN 'B' (Antimicrobial Solution)

EPA Number: 63838-1

APPLICATIONS:

Used in the dairy, food and beverage processing industry for CIP pipeline cleaning, sanitizing, bottle and filler sanitizing, and disinfection. It is also used in the treatment of cooling water, process and wastewater. Also, primary uses are for slime and biofouling control, sulfite and odor reduction, and for cleaning UF and RO membranes. Peroxyacetic acid solutions are also used for disinfection in human and veterinary applications including hospitals.

Use dilution for equipment sanitation is 1 to 2.4 oz per 6 gal. of water. Use dilution for disinfection for various organisms is 1.5-20 oz. per 5 gal of water. A potable water rinse is not necessary if less than 2.4-oz/6 gal is used (200 ppm active PAA).

PROPERTIES:

PERASAN 'B' has a high oxidation potential and is very reactive. It exhibits excellent bactericidal and fungicidal activity against a wide range of microorganisms in cold or warm water. Product is stable for a minimum of 1 year under normal conditions.

CHEMICAL COMPOSITION:

PERASAN 'B' is an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients, and water.

SHELF LIFE:

At least one year without notable loss of active oxygen if stored properly.

PACKAGING:

5 gal (45 lb), and 53.5 gal (500 lb) plastic containers.

TRANSPORTATION (DOT):

UN 3149, Hydrogen Peroxide and Peroxyacetic Acid Solution, stabilized, 5.1, (8), PG II

PHYSICAL PROPERTIES:

Density 20°C (68°F), (g/ml) 1.12
Vapor Pressure 20°C (68°F), (mbar) 27
pH 10% solution, 20°C (68 °F) 1.8
pH 1% solution, 20°C (68 °F) 2.8
Flash Point °C (°F) DIN 51584 >98° (207)
Freezing Point °C (°F) -5(-23)

APPEARANCE:

Clear, colorless liquid (pungent vinegar-like odor)

STORAGE:

The **PERASAN 'B'** container must be stored in an upright position. The storage area should be well ventilated and **shaded from sunlight** as well as protected from sources of radiant heat. Contamination of the product, especially heavy metal ions and alkali, must be avoided.

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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