



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

Product  
Bulletin

## MICRO BAN MEAT & POULTRY SURFACE TREATMENT

### APPLICATION

Used as a water additive for use directly in or on food products in accordance with 21 CFR 173.315 and 21 CFR 173.370. **MICRO BAN** is manufactured under strict food grade conditions using only food grade or better raw materials and are essentially free of any heavy and/or transition metals. The product is designed to be used as a micro biocide that may decrease the incidence of pathogenic and other microorganisms in or on food, and/or helps reduce the number of food spoilage organisms normally present in the processing of meat, dairy, poultry, and vegetable food items.

**MICRO BAN** has a very high oxidation chemistry and thus is very reactive. The product exhibits excellent bactericidal and fungicidal activity against a wide range of microorganisms in cold or warm water. **MICRO BAN** is an equilibrium mixture of peracetic acid, hydrogen peroxide, acetic acid, proprietary ingredients, and water.

**MICRO BAN** is designed as a surface application agent that does not require a potable rinse when used within recommended application parameters.

Please refer to the product label for specific application guidelines.

### DIRECTIONS FOR USE

Micro Ban is approved for direct application to meat and poultry surfaces to inhibit and reduce microbiological activity. It may be applied using a dip tank at no more than 1 oz per 6 gallons of water, the water may be chilled down to no more than 2 degrees centigrade (35°F).

### DIRECTIONS FOR USE, Continued

It may also be used for carcass treatment of red meat “for direct or indirect application to raw or further processed whole, half or quarter or red meat parts and trim mix”.

Most commonly applied to carcasses using a spray system at no more than 1 ounce per 6 gallons of water and at a pressure of 100-200 psi. Solution may be heated up to 120°F. Allow solution to stand on surface for 1-2 minutes for best results.

**MICRO BAN** may also be used in water or ice that is used to commercially prepare, process or store fish or seafood intended for human consumption in accordance with FCN #699. The maximum concentration allowed is 190 ppm as active peroxyacetic acid. This residual activity may be reached by diluting this product by 1 fl. oz. per 5.6 gallons of water (v/v). A potable water rinse is not necessary

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.

### STORAGE

The **MICRO BAN** container **must be stored in an upright position**. The storage area should be well ventilated and **shaded from sunlight**.

### PHYSICAL PROPERTIES

pH of 10% Solution..... < 2  
Peracetic Acid (% wt) ..... 14.5-15.5  
Physical Appearance..... Clear, Colorless Liquid  
Odor..... Pungent, Vinegar-Like  
Flash Point..... 180°F

### Seller Warranty

CH<sub>2</sub>O 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. CH<sub>2</sub>O 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 CH<sub>2</sub>O, Inc., and is hereby communicated to all of its customers as a condition of sale. Use of CH<sub>2</sub>O products is subject to the Standard Terms and Conditions as listed on CH<sub>2</sub>O, Inc.’s website at: [www.ch2o.com](http://www.ch2o.com).



VERSION DATE: October 27, 2008 | REVISION DATE: September 2011

