

3862-183

02/12/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

FEB 12 2009

Michael Rekhelman  
VP Technical Services  
ABC Compounding Co., Inc.  
P.O. Box 16247  
Atlanta, GA 30321

**FILE COPY**

Subject: Bleach Sanitizer  
EPA Registration No. 3862-183  
Application Date: December 4, 2008  
Receipt Date: December 12, 2008

Dear Mr. Rekhelman:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with a comment:

- Addition of "Fruit and Vegetable Washing" use

**Comment:**

The Agency does not accept sanitizing claims for "Fruit and Vegetable Washing". The sanitizing claim can be construed as misleading and has been removed from the label. You must remove the term "sanitizing" wherever it appears in relation to "Fruit and Vegetable Washing" on all future labels.

**General Comments:**

A stamped copy of the labeling, accepted with a comment, is enclosed. Submit one (1) copy of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Wanda Henson at (703) 308-6345.

Sincerely,

*for Wanda G. H.*

Emily H. Mitchell  
Product Manager (32)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

# Bleach Sanitizer

## TABLE OF PROPORTIONS AVAILABLE CHLORINE

<b>600 PPM</b> Use 6.0 oz. in 10 gal. water	<b>200 PPM</b> Use 2.0 oz. in 10 gal. water	<b>100 PPM</b> Use 1.0 oz. in 10 gal. water
<b>50 PPM</b> Use 0.5 oz. in 10 gal. water	<b>10 PPM</b> Use 0.1 oz. in 10 gal. water	<b>5 PPM</b> Use 0.05 oz. in 10 gal. water

### SANITARIZADOR EN CLORO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand this label, find someone to explain it to you in detail.)

**KEEP OUT OF REACH  
OF CHILDREN  
DANGER**

**ACTIVE INGREDIENT:**  
**SODIUM  
HYPOCHLORITE:**.....12.5%  
**OTHER INGREDIENTS:**..... 87.5%  
**Total:**.....100.0%

Manufactured by:  
**ABC Compounding Co., Inc.**  
P.O. Box 16247  
Atlanta, GA 30321

FIRST AID	
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor immediately for treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice if burning or irritation of the skin persists.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person drink a glass of water immediately if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air and monitor for respiratory distress.</li> <li>• If cough or difficulty breathing develops, consult a physician immediately.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

EPA Reg. No. 3862-183  
EPA Est. No. 3862-GA-1

**Net Contents:**

**ACCEPTED**  
**with COMMENTS**  
**EPA Letter Dated:**

**FEB 12 2009**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. **3862-183**

**DIRECTIONS FOR USE** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.  
**NOTE:** This product degrades with age. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.  
**SWIMMING POOLS - Directions:** This product should be used in conjunction with a chlorine test kit and added in sufficient quantity to insure that the residual chlorine in the pool water is maintained at a minimum concentration of 0.6 ppm at all times and the pool pH maintained at 7.2 to 7.6.  
 To maintain the pool, add manually or by a feeder device 11 oz (1 1/3 cup) of this product for each 10,000 gallons of water to yield an available chlorine residual of 0.6 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 3.0 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.  
 Re-entry into treated pool is prohibited above levels of 3 ppm at risk of bodily harm.  
 Use the table below for addition of this product to maintain an available chlorine residual between 0.6 to 1.0 ppm by weight:

Gallons of Water	Bleach Sanitizer Required
500	1/2 oz. (3 teaspoons)
1,000	1 oz. (6 teaspoons)
5,000	5 1/2 oz. (3/4 cup)
10,000	11 oz. (1 1/3 cups)
25,000	27 oz. (3 1/2 cups)

Every 7 days, or as necessary, to combat the growth of algae, superchlorinate the pool with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not reenter pool until the chlorine residual is between 1.0 to 3.0 ppm. Dilute the required amount of sodium hypochlorite solution with at least 10 additional volumes of water. This diluted solution can be spread over the surface of the pool from the edges with a plastic sprinkler can.

**COMMERCIAL LAUNDRY BLEACH SANITIZER** - Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 2 oz. of this product with 10 gallons of water to yield 200 ppm available chlorine. Promptly after mixing the sanitizer, add the solution into the prewash prior to washing fabrics/clothes in the regular wash cycle with a good detergent. Test the level of available chlorine, if solution has been allowed to stand. Add more of this product if the available chlorine level has dropped below 200 ppm.

**MILK PLANT AND DAIRY EQUIPMENT** - Bottles, bottlefillers, coolers, pasteurizers, churns, separators, utensils and other equipment may be sanitized by using this product. Surfaces or articles to be sanitized must be thoroughly precleaned. Rinse all surfaces with the sanitizing solution prepared by adding 2 oz. of this product with 10 gallons of water to provide 200 ppm available chlorine by weight. Maintain contact for at least 2 minutes after sanitizing, do not rinse equipment with water after treatment and do not soak equipment overnight.

**MEAT AND POULTRY PROCESSING PLANTS** - Surfaces of articles to be sanitized must be thoroughly precleaned. Solutions containing 600 ppm available chlorine by weight (6 oz. (3/4 cup) of this product per 10 gallons water) may be used for sanitizing walls, floors, ceilings and similar areas. Maintain contact with sanitizer for at least 2 minutes. Do not rinse after sanitizing. Solutions containing 200 ppm available chlorine (2 oz. (1/4 cup) sodium hypochlorite solution per 10 gallons water) may be used on edible product equipment. Maintain contact time with sanitizer for at least 2 minutes. Do not rinse after sanitizing. Do not allow solution to come directly in contact with meat or poultry.

**FOOD EGG SANITIZATION** - Thoroughly clean all eggs. Thoroughly mix 2 oz. (1/4 cup) of this product with 10 gallons of warm water to produce a 200 ppm available chlorine solution. The sanitizer temperature should not exceed 130° F. Spray the warm sanitizer so that the eggs are thoroughly wetted. Allow the eggs to thoroughly dry before casing or breaking. Do not apply a potable water rinse. The solution should not be re-used to sanitize eggs.

**FRUIT AND VEGETABLE WASHING** - Thoroughly clean all fruits and vegetables in a wash tank. Thoroughly mix 5 oz. of this product in 200 gallons of water to make a sanitizing solution of 25 ppm available chlorine. After draining the tank, submerge fruit or vegetables for 2 minutes in a second wash tank containing the recirculating sanitizing solution. Spray rinse vegetables with the sanitizing solution prior to packaging. Rinse fruit with potable water only prior to packaging.

**RESTAURANTS AND TAVERNS** - After washing with dishwashing detergent and rinsing with potable water, immerse utensils in sanitizing solution prepared by adding 2 oz. of this product with 10 gallons of water to provide 200 ppm available chlorine by weight. Maintain contact with sanitizer for at least 2 minutes and allow sanitizer to drain. Do not rinse utensils with water after treatment.

**MACHINE DISHWASHING TERMINAL RINSE STATION** - As a terminal sanitizing rinse for pre-cleaned food utensils, adjust automatic dispensing equipment to provide a sanitizing use solution of 100 to 200 ppm available chlorine by weight according to requirements of Public Health Authorities. Use solution should be tested frequently with a suitable chlorine test kit to ascertain that the rinse strength does not fall below 50 ppm. In absence of a test kit a starting concentration of 200 ppm should be used. Do not rinse utensils with water after treatment.

**DISINFECTION OF COOLING TOWER WATER** - For the control of bacteria, algae and fungi, add this product to the tower basin, distribution box or some other point to insure uniform mixing.

**INITIAL DOSE:** When the system is noticeably fouled, application of 1/2 pint-1 pint (8-16 oz.) of this product per 1,000 gallons of water in the system will achieve 7.5-15.0 ppm available chlorine by weight. If necessary, repeat procedure until control is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident, application of 1/4 pint to 1/2 pint (4-8 oz.) of this product per 1,000 gallons of water in the system will achieve 3.75-7.5 ppm available chlorine by weight. Apply treatment weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun. This product weighs 10.3 lbs. per gallon.

## STORAGE AND DISPOSAL

**Pesticide Storage:** Do not contaminate food or feed by storage, disposal or cleaning of equipment. Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water.

**Pesticide Disposal:** Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer.

**Container Disposal:** (For containers greater than 5 gallons): Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

(For containers equal to or less than 5 gallons): Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive, may cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not breathe vapors if strong odors have dissipated.

**ENVIRONMENTAL HAZARDS** This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL OR CHEMICAL HAZARDS: STRONG OXIDIZING AGENT:** Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.