

6785-20002

08/19/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Washington, D.C. 20460

August 19, 2008

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Corey L. Roberts  
Director Corporate Safety  
Brenntag Mid-South, Inc.  
1405 Highway 136 West (42420)  
PO Box 20  
Henderson, KY 42419-0020

Subject: Sno-Glo Bleach  
EPA Registration No. 6785-20002  
Application Date: May 23, 2008  
Receipt Date: May 28, 2008

Dear Mr. Roberts:

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

- Addition of establishment number
- Update to NSF language

**General Comments**

A stamped copy of the accepted labeling is enclosed. Submit 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 me at 703-308-6264.

Sincerely,

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

CONCURRENCES							
YMBOL	7510P	7510P					
JRNAME	Ek Belg	E. Mitchell					
ATE	8/19/08	8/20/08					

**ACCEPTED**

AUG 19 2008

Approved by the Federal Insecticide, Fungicide, and  
Herbicide Act as amended, for the  
pesticide, registered under  
EPA Reg. No. **6785-20002**

**SNO-GLO BLEACH**  
(HYPOCHLORITE SOLUTION)  
BLEACHES AND DISINFECTS

Active Ingredient - Sodium Hypochlorite	10%
Other Ingredients	90%
<b>Total</b>	<b>100%</b>

Available Chlorine 9.5%

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER**

**FIRST AID**

**Call a poison control center or doctor immediately for treatment advice.**

**"If in Eyes"**, Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. **"If on Skin or Clothing"**, Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. **"If Inhaled"**, Move person to fresh air, if person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth - to mouth, if possible. **"If Swallowed"**, Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive. May cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin and clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Remove and wash contaminated clothing before reuse. Vacate poorly ventilated areas as soon as possible. Do not reenter until strong odors have dissipated.

**ENVIRONMENTAL HAZARDS**

This pesticide 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 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.

**EPA ESTABLISHMENT NUMBER**

6785-

**BRENNTAG MID-SOUTH, INC.**

**P.O. BOX 20**  
**HENDERSON, KY 42419-0020**

**FOR EMERGENCIES PHONE 270-830-1222**

EPA Reg. No. 6785-20002

NET CONTENTS \_\_\_\_\_ GALLONS

- |                               |                               |                               |
|-------------------------------|-------------------------------|-------------------------------|
| IL-1 <input type="checkbox"/> | KY-3 <input type="checkbox"/> | WV-2 <input type="checkbox"/> |
| IN-1 <input type="checkbox"/> | TN-1 <input type="checkbox"/> | MO-1 <input type="checkbox"/> |
| IN-2 <input type="checkbox"/> | TN-2 <input type="checkbox"/> |                               |
| KY-1 <input type="checkbox"/> | FL-1 <input type="checkbox"/> |                               |
| KY-2 <input type="checkbox"/> | WV-1 <input type="checkbox"/> |                               |

For the following supplemental uses, contact your supplier for descriptive information.

- |   |  |
|---|--|
| 1. Sanitization of nonporous food contact surfaces.     | 8. Farm premises.                                    |
| 2. Sanitization of porous food contact surfaces.        | 9. Pulp and paper mill process water systems.        |
| 3. Sanitization of nonporous non-food contact surfaces. | 10. Agricultural uses.                               |
| 4. Disinfection of nonporous non-food contact surfaces. | 11. Aquacultural uses.                               |
| 5. Sanitization of porous non-food contact surfaces.    | 12. Sewage & wastewater effluent treatment.          |
| 6. Emergency disinfection after main breaks.            | 13. Laundry sanitizers/Household laundry sanitizers. |
| 7. Cooling tower/evaporate condenser water.             | 14. Commercial laundry sanitizers.                   |

**PUBLIC WATER SYSTEMS**

**RESERVOIRS-ALGAE CONTROL:** Hypochlorite streams feeding the reservoir. Suitable feeding points should be selected on each stream at least 50 yards upstream from the points entry into the reservoir.

**MAINS:** Thoroughly flush section to be sanitized by discharging from hydrants. Permit a water flow of at least 2.5 feet per minute to continue under pressure while injecting this product means of a hypochlorinator. Stop water flow when a chlorine residual test of 50 ppm is obtained at the low pressure end of the new main section after a 24 hour retention time. When chlorination is completed, the system must be flushed free of all heavily chlorinated water.

**NEW TANKS, BASINS, ETC.:** Remove all physical soil from surfaces. Place 20 oz. of this product for each 5 cubic feet of working capacity (500 ppm available chlorine). Fill to working capacity and allow to stand for at least 4 hours. Drain and flush with potable water and return surface.

**NEW FILTER SAND:** Apply 80 oz. of this product for each 150 to 200 cubic feet of sand. The action of the product dissolving as the water passes through the bed will aid in sanitizing the sand.

**NEW WELLS:** Flush the casing with a 50 ppm available chlorine solution of water containing 1 oz. of this product for each 100 gallons of water. The solution should be pumped or fed to gravity into the well after thorough mixing with agitation. The well should stand for several hours or overnight under chlorination. It may then be pumped until a representative raw water sample is obtained. Bacterial examination of the water will indicate whether further treatment is necessary.

**EXISTING EQUIPMENT:** Remove equipment from service, thoroughly clean surfaces of physical soil. Sanitize by placing 21 oz. of this product for each 5 cubic feet capacity (approximately 500 ppm available chlorine). Fill to working capacity and let stand at least 4 hours. Drain and place in service. If the previous treatment is not practical, surfaces may be sprayed with a solution containing 5 oz. of this product for each 5 gallons of water (approximately 1000 ppm available chlorine). After drying, flush with water and return to service.

**SANITIZING DAIRY, MEAT, POULTRY, SHELL EGG GRADING, AND EGG PRODUCT PROCESSING EQUIPMENT**

**CLEAN-IN-PLACE METHOD:** Thoroughly clean equipment after use. Prepare a volume of 200 ppm available chlorine sanitizing solution equal to 110% of volume capacity of the equipment by mixing the product in a ratio of 3 oz. product with 10 gallons of water. Pump solution through the system until full flow is obtained at all extremities, the system is completely filled with the sanitizer and all air is removed from the system. Close drain valves and hold under pressure for at least 10 minutes to insure contact with all internal surfaces. Remove some cleaning solution from drain valve and test with a chlorine test kit. Repeat entire cleaning/sanitizing process until effluent contains less than 50 ppm available chlorine.

**COMMERCIAL LAUNDRY SANITIZERS**

Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 3 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 pre-wash 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.

**STORAGE AND DISPOSAL**

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. Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse container but place in trash collection. Do not contaminate food or feed by storage, disposal or cleaning of equipment.



**CERTIFIED TO NSF/ANSI 60. MAXIMUM USE FOR POTABLE WATER 105 mg/L**

**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.

**DILUTION CONVERSION CHART FOR SODIUM HYPOCHLORITE SOLUTION**

Start up or superchlorination of swimming pools dosage is usually 54 oz. to 108 oz. per 10,000 gallons of water to provide 5 to 10 ppm available chlorine for 10.0% Sodium Hypochlorite. See chart for amounts for other label declarations. Maintenance dosage is usually 12 oz. of product per 10,000 gallons of water.

Amount of Water	Available Chlorine	10%
10,000 Gallons	1 ppm	12 oz.
10,000 Gallons	5 ppm	54 oz.
10,000 Gallons	10 ppm	108 oz.

Dosage of Spas/Hot-Tubs maintain dosage 5 oz. of product per 1000 gallons of water to provide 5 ppm available chlorine. Shock treat dosage 9 oz. of product per 500 gallons of water. Daily use of product 4 oz. per 1000 gallons of water.

Amount of Water	Available Chlorine	10%
1000 Gallons	3 ppm	4 oz.
1000 Gallons	5 ppm	5 oz.

**SWIMMING POOL WATER DISINFECTION**

For a new pool or spring start-up, superchlorinate with 54 to 108 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. Adjust and maintain pool water pH to between 7.2 to 7.6. Adjust and maintain the alkalinity of the pool to between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device 12 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.5 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 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.

Every 7 days, or as necessary, superchlorinate the pool with 54 to 108 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.

Re-entry into treated pools is prohibited at levels above 4 ppm due to risk of bodily harm. At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

**WINTERIZING POOLS**-While water is still clear and clean, apply 4 oz. of product per 1000 gallons, while filter is running, to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit, cover pool, prepare heater, filter and heater components for winter by following manufacturer's instructions.

**SPAS AND HOT-TUBS**

Apply 5 oz. of product per 1000 gallons of water to obtain a free available chlorine concentration of 5 ppm, as determined by a suitable chlorine test kit. Adjust and maintain pool water pH to between 7.2 and 7.8. Some oils, lotions, fragrances, cleaners, etc. may cause foaming or cloudy water as well as reduce the efficiency of the product.

To maintain the water, apply 5 oz. of product per 1000 gallons of water over the surface to maintain a chlorine concentration of 5 ppm.

After each use, shock treat with 9 oz. of this product per 500 gallons of water to control odor and algae.

During extended periods of disuse, add 4 oz. of product daily per 1000 gallons of water to maintain a 3 ppm chlorine concentration.

Re-entry into treated pools is prohibited at levels above 5 ppm due to risk of bodily harm.

**DILUTION CONVERSION CHART FOR SODIUM HYPOCHLORITE SOLUTION**  
Public Systems: Disinfection of drinking water: Mix a ratio of 2 oz. to 2000 gallons of water to provide at least 0.2 ppm and no more than 0.6 ppm. Individual system: Emergency disinfection: 10 drops to 20 gallons of water.

Amount of Water	Available Chlorine	10%
2000 Gallons	0.2 to 0.6 ppm	2 oz.
20 Gallons	0.2 to 0.6 ppm	10 drops

**DISINFECTION OF DRINKING WATER**

(EMERGENCY/PUBLIC/INDIVIDUAL SYSTEMS)

**PUBLIC SYSTEMS:** Mix a ratio of 1 oz. of this product to 100 gallons of water, feeding this solution with a hypochlorinator until a free available chlorine residual least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations. Contact your local Health Department for further details.

**INDIVIDUAL SYSTEMS: DUG WELLS** Upon completion of the casing (lining) the interior of the casing (lining) with a 100 ppm available chlorine solution using stiff brush. This solution can be made by thoroughly mixing 2 oz. of this product to 10 gallons of water. After covering the well, pour the sanitizing solution into the well through both the pipesleeve opening and the pipeline. Wash the exterior of the well cylinder also with the sanitizing solution. Start pump and pump water until a strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the well. Consult your local Health Department for further details.

**INDIVIDUAL WATER SYSTEMS: DRILLED, DRIVEN & BORED WELLS** Run until water is as free from turbidity as possible. Pour a 100 ppm available chlorine sanitizing solution into the well. This solution can be made by thoroughly mixing of this product into 10 gallons of water. Add 5 to 10 gallons of clean, chlorine water to the well in order to force the sanitizer into the rock formation. Wash exterior of pump cylinder with the sanitizer. Drop pipeline into well, start pump, pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the water. Deep wells with high water levels may necessitate the use of special methods for introduction of the sanitizer into the well. Consult your local Health Department for further details.

**INDIVIDUAL WATER SYSTEMS: FLOWING ARTESIAN WELLS** Artesian wells generally do not require disinfection. If analysis indicates persistent contamination the well should be disinfected. Consult your local Health Department for further details.

**EMERGENCY DISINFECTION:** When boiling of water for 1 minute is not practical water can be made potable by using this product. Prior to addition of the sanitizer remove all suspended material by filtration or by allowing it to settle to the bottom. Decant the clarified, contaminated water to a clean container and add 10 drops of product to 20 gallons of water. Allow the treated water to stand for 30 minutes. Properly treated water should have a slight chlorine odor, if not, repeat dosage allow the water to stand an additional 15 minutes. The treated water can be made palatable by pouring it between clean containers for several times.

**SEWAGE AND WASTEWATER TREATMENT**

**EFFLUENT SLIME CONTROL:** Apply a 100 to 1000 ppm available chlorine solution at a location which will allow complete mixing. Prepare this solution by mixing 100 oz. of this product with 100 gallons of water. Once control is evident, apply ppm available chlorine solution. Prepare this solution by mixing 4 oz. of this product with 100 gallons of water.

**FILTER BEDS - SLIME CONTROL:** Remove filter from service, drain to a depth of 1 ft. above filter sand, and add 80 oz. of product per 20 sq ft evenly over the surface. Wait 30 minutes before draining water to a level that is even with the top of the filter. Wait for 4 to 6 hours before completely draining and backwashing filter.

