

68109-1

2/14/2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

NOTICE OF PESTICIDE:
[x] Registration
[ ] Reregistration

(under FIFRA, as amended)

EPA Reg. Number:

68109-1

Date of Issuance:

02/14/2011

Term of Issuance:

Conditional

Name of Pesticide Product:

Sodium Hypochlorite Solution

Name and Address of Registrant (include ZIP Code):

Bi-State Detergent Systems
3207 Bear Tooth Court
Bettendorf, IA 52722

COPY

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product (OPP Decision No. 441710) is registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Change EPA File Symbol 68109-R to EPA Registration Number 68109-1.
3. Revise the product label as follows:
a. Bold the text 'IF IN EYES' to be consistent with the other First Aid headings.
b. Add your company name and address. The name and address must be displayed prominently and within the range of type size that is required for all label text. The company name and address may be placed anywhere on the label, however, the preferred placement for the company name and address is on the front panel. Additionally, when the registrant's name appears on the label and the registrant is not the producer of the product, the registrant's name must be qualified by phrases such as "Manufactured for..." or "Produced for..." to show that the registrant is not the producer of the product.
c. Move the 'Refillable Container' section following the first Storage and Disposal Statement section.

Signature of Approving Official:

Wanda Y. Henson
Acting Product Manager Team 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

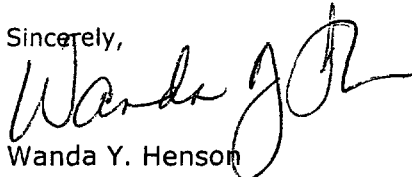
- d. Delete the second Storage and Disposal as this section is redundant.
- e. Revise the use rates '1 fl. oz.' to read '1.25 fl. oz.' and '2 fl. oz.' to read '2.5 fl. oz.' wherever it appears on the label to be consistent with the repackaged product's use rates.

Submit one (1) copy of your final printed label prior to releasing this product for sale.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Wanda Y. Henson  
Acting Product Manager Team 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

# SODIUM HYPOCHLORITE SOLUTION

**ACTIVE INGREDIENTS:**

SODIUM HYPOCHLORITE..... 10.0%  
OTHER INGREDIENTS ..... 90.0%  
100.0%

(9.5%  
Available  
Chlorine)

AGC...  
with C...  
in EPA letter...

FEB 14 2011

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended for the postmark  
registration number EPA reg. No. 68109-1

**KEEP OUT OF REACH OF CHILDREN**

## FIRST AID

5/2/11

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

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**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.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical information, call your Poison Control Center at 1-800-222-1222 (24 hours).

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

### HMIS HAZARD RATING

Health 2  
Flammability 0  
Physical Hazard 0  
Reactivity 2

EPA Reg. No. 68109-XXXXXX

10-10

EPA Est. No. 68109-IA-001

NET CONTENTS:

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

**DANGER: CORROSIVE.** Causes irreversible eye damage and skin burns. Harmful if inhaled. Avoid breathing vapors. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**PRECAUTIONS**

Wear safety glasses or goggles or face shield and rubber gloves. Do not get in eyes, on skin, or clothing. Do not breath vapor, mist, or gas. Use only with adequate ventilation. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated. Wash thoroughly after handling.

**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 State Water Board or Regional Office of the EPA.

**PHYSICAL CHEMICAL**

**HAZARDS:**

**STRONG OXIDIZING AGENT**

Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, deter-gents, etc.) or organic matter (e.g. urine, feces, etc.) will result in the release of potentially poisonous vapor which may be harmful and may even cause death.

**REFILLABLE CONTAINER.**

Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

Cleaning Instructions: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. Do not contaminate food or feed by storage, disposal, or cleaning of equipment. 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.

**PESTICIDE DISPOSAL:** Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**STORAGE AND DISPOSAL**

**PROHIBITIONS:** 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:** Do not reuse empty container but place in trash collection. (If containers are to be recycled for refilling with Sodium Hypochlorite Solution, return to distributor for refilling).

**HAZARDOUS MATERIALS:**

**SODIUM HYPOCHLORITE CAS# 7681-52-9**

**D.O.T. SHIPPING NAME**

**UN 1791 HYPOCHLORITE SOLUTIONS**

**SANITIZATION OF**

**NON POROUS FOOD CONTACT SURFACES**

**RINSE METHOD** – A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 fl. oz. of this product per 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 fl. oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact with the sanitizer for at least 2 minutes. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment and do not soak equipment overnight. Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

**IMMERSION METHOD** – A solution of 100 ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100 ppm available chlorine must be tested and adjusted periodically to insure that the available chlorine does not drop below 50 ppm. Prepare a 100 ppm sanitizing solution by thoroughly mixing 1 fl. oz. of this product per 10 gallons of water. If no test kit is available, prepare a sanitizing solution by thoroughly mixing 2 fl. oz. of this product per 10 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. If solution contains less than 50 ppm available chlorine, as determined by a suitable test kit, either discard the solution or add sufficient product to reestablish a 200 ppm residual. Do not rinse equipment with water after treatment. Sanitizers used in automated systems may be used for general cleaning but may not be reused for sanitizing purposes.

**SANITIZATION OF  
NON POROUS NON-FOOD  
CONTACT SURFACES**

**RINSE METHOD** – Prepare a sanitizing solution by thoroughly mixing 2<sup>2.5</sup> fl. oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment surfaces in the normal manner. Prior to use, rinse all surfaces thoroughly with the sanitizing solution, maintaining contact for at least 2 minutes. Do not rinse equipment with water after treatment and do not soak equipment overnight.

**IMMERSION METHOD** – Prepare a sanitizing solution by thoroughly mixing, in an immersion tank, 2<sup>2.5</sup> fl. oz. of this product with 10 gallons of water to provide approximately 200 ppm available chlorine by weight. Clean equipment in the normal manner. Prior to use, immerse equipment in the sanitizing solution for at least 2 minutes and allow the sanitizer to drain. Do not rinse equipment with water after treatment.

**LAUNDRY SANITIZERS  
HOUSEHOLD LAUNDRY SANITIZERS**

**IN SOAKING SUDS** – Thoroughly mix 2<sup>2.5</sup> fl. oz. of this product per 10 gallons of wash water to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or detergent. Immerse laundry for at least 11 minutes prior to starting the wash/rinse cycle.

**IN WASHING SUDS** – Thoroughly mix 2<sup>2.5</sup> fl. oz. of this product to 10 gallons of wash water containing clothes to provide 200 ppm available chlorine. Wait 5 minutes, then add soap or detergent and start the wash/rinse cycle.

**COMMERCIAL LAUNDRY SANITIZERS**

Wet fabrics or clothes should be spun dry prior to sanitization. Thoroughly mix 2<sup>2.5</sup> fl. oz. of this product to 10 gallons of water to provide 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.