

49927-4

PM 32

1 of 2

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NUMBER 49927-4	DATE OF ISSUANCE JAN 11 1989
	NAME OF PESTICIDE PRODUCT Sodium hypochlorite Solution	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Water Service, Inc.
 P.O. Box 2220
 Wilson, NC 27895

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 is being registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit to the Agency, for its review, registration of your product under FIFRA section 3(c)(7) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 49927-4" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

[Handwritten Signature]
 Jeff Kemper
 Product Manager (32)
 Disinfectants Branch
 Registration Division (TS-767C)

ENCLOSURE ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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[Handwritten Signature]

SODIUM HYPOCHLORITE SOLUTION

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WATERGUARD, INC. P.O. BOX 2226 • WILSON, NC 27894 2226 • 919-237-5205

DANGER
KEEP OUT OF REACH
OF CHILDREN

ACTIVE INGREDIENT: Sodium Hypochlorite
INERT INGREDIENT

12.5%
87.5%
100.0%

DISINFECTANT BACTERICIDE DEODORANT
For use in food processing plants, farms, restaurants, hotels, swimming pools, and in industrial applications as a bleach. See directions.

DANGER
KEEP OUT OF REACH
OF CHILDREN

STORE IN A COOL DRY PLACE OUT OF SUN AND AWAY FROM SOURCES OF HEAT AND LIGHT. Degrades with age. Use a test kit and increase dosage as necessary to obtain required level of available chlorine.

EMPTY CONTAINERS: Flush out with water. With all plugs and caps intact, return to supplier for deposit refund.

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

IF CONTACT WITH EYES OCCURS: Flush with water for at least 15 minutes. Get prompt medical attention.
IF CONTACT WITH SKIN OCCURS: Wash with plenty of soap and water.
IF SWALLOWED: Drink large quantities of milk or gelatin solution, if these are not available, drink large quantities of water. DO NOT give vinegar or other acids. DO NOT induce vomiting. Get prompt medical attention.

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 return until strong odors have dissipated.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge into lakes, streams, ponds, or public waterways unless in accordance with a NPDES permit. For guidance, contact the regional office of the U.S. Environmental Protection Agency.

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.

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 residues that cannot be used should be diluted with water before disposal. Do not reuse empty containers. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

KEEP OUT OF REACH OF CHILDREN
MAY BE HARMFUL IF SWALLOWED

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

WATER CHLORINATION

1. Sodium Hypochlorite Solution may be used to chlorinate water supplies at an initial rate of 1.2 ounces per 100 gallons of water. Apply through a solution feeder and determine the available chlorine residual approximately 30 minutes after treatment. Using a chlorine test kit. Repeat treatment as necessary to establish an available chlorine residual of at least 0.2 ppm. An available chlorine of at least 0.2 ppm, as determined by test kit, indicates an effective dosage.
2. Meat Plant Process Water Chlorination: Chlorine may be present in process water of meat plants at concentrations up to 5 ppm calculated as available chlorine. Under reliable controls, the chlorine level may be increased up to 200 ppm in water used on meat carcasses. When so used, the treated carcass must be exposed to air to remove free chlorine and moisture before further processing.
3. Poultry Plant Process Water Chlorination: Chlorine may be present in process water of poultry plants at levels acceptable to plant management, subject to the salt-limiting factors of effect on product, equipment and the plant personnel. Plant management must notify the USDA Inspector in Charge when the chlorine level is increased above 20 ppm. Chlorine must be dispensed at a constant and uniform level and the method or system must be such that a controlled rate is maintained.

DEODORIZING AND SANITIZING FOR USE BY HOTELS, RESTAURANTS, FARMS AND FOOD PROCESSING PLANTS

Clean equipment in the normal manner. Just before using, rinse all surfaces thoroughly with this sodium hypochlorite solution containing 200 ppm available chlorine. Maintain contact with disinfectant for a minimum of two minutes. Do not rinse with water after treatment with sodium hypochlorite solution. Do not soak overnight. Addition of one fluid oz. (2 tbsp) of this sodium hypochlorite solution per 5 gallons of water will provide approximately 200 ppm available chlorine by weight. NOTE: This product degrades with age. Use a chlorine test kit and increase dosage as necessary to obtain the required level of available chlorine.

USE AS A LAUNDRY BLEACH

Mix 1 g. (1/4 tsp) of 14 gallons of water. Introduce Sodium Hypochlorite into your normal laundry process.

SWIMMING POOLS

For initial dosage of swimming pool water, use 10 ounces of Sodium Hypochlorite solution per 1,000 gals. of water. Bathe. Do not enter pool until the Chlorine residual falls below 3 ppm. One gallon of Sodium Hypochlorite solution per 10,000 gallons of water twice a week to provide a Chlorine residual of 6 to 1 ppm. Use a reliable Chlorine test kit to maintain the Chlorine residual between 6 and 1 ppm at all times. The PH should be kept between 7.2 and 7.6.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 11 1990

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 49927-4

EPA Reg. No. 49927-01

EPA Reg. No. 49927-NC-01

NET CONTENTS

LOT NUMBER

NOTE: Changes in labeling formula different 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 U.S. EPA registration number.

On the basis of the data furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the label as accepted in connection with this Registration/Reregistration is returned herewith.

Registration is not to be construed as an endorsement or approval of the product by the Agency. It is for the protection of health and the environment. The Administrator, on his or her own initiative, may suspend or cancel the registration of a pesticide made in accordance with the Act. The acceptance of a pesticide for registration is not a registration of a product under the Act. A pesticide may be registered in the name of the registrant or in the name of the agent if it has been covered by other.

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11-7070

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

Knife



WATERGUARD, INC. P.O. BOX 2226 • WILSON, NC 27894-0226 • 919-237-5205

SODIUM HYPOCHLORITE SOLUTION

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DANGER KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT (FIRST AID)

IF CONTACT WITH EYES OCCURS flush with water for at least 15 minutes. Get prompt medical attention.
IF CONTACT WITH SKIN OCCURS wash with plenty of soap and water.
IF SWALLOWED drink large quantities of milk or gelatin solution, if these are not available drink large quantities of water. DO NOT give vinegar or other acids. DO NOT induce vomiting. Get prompt medical attention.

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 return until strong odors have dissipated.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge into lakes, streams, ponds or public waterways unless in accordance with a NPDES permit. For guidance, contact the regional office of the U.S. Environmental Protection Agency.

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. oils, feces, etc.) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

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 residues that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse empty container, but triple rinse with water and return to supplier with all plugs and caps intact for deposit/refund. Do not contaminate food intended for storage, disposal, or cleaning of equipment.

ACTIVE INGREDIENT Sodium Hypochlorite 12.5%
INERT INGREDIENT 89.5%
100.0%

DISINFECTANT BACTERICIDE DEODORANT

For use in food processing plants, farms, restaurants, hotels, swimming pools, and in industrial applications as a bleach. See directions.

DANGER KEEP OUT OF REACH OF CHILDREN

STORE IN A COOL DRY PLACE OUT OF SUN AND AWAY FROM SOURCES OF HEAT AND LIGHT. Degrades with age. Use a test kit and increase dosage as necessary to obtain required level of available chlorine.

EMPTY CONTAINERS: Flush out with water. With all plugs and caps intact, return this container to deposit/refund.

EPA Reg. No.

NET CONTENTS

LOT NUMBER

ACCEPTED

COMMENTS

DATE

EST. No. 49927-4

JAN 1 1980

EPA Reg. No. 49927-4

KEEP OUT OF REACH MAY BE HARMFUL

DIRECT CONTACT WITH SKIN OR EYES IS INCONSISTENT WITH ITS LABELING.

WATER TREATMENT

1. Sodium Hypochlorite Solution supplies at an initial rate of 1.0 ppm available chlorine. Apply through a solution of available chlorine test kit. Repeat an available chlorine residual chlorine of at least 0.2 ppm an effective dosage.
2. Meat Plant Process Water in process water of meat carcasses when so used to clean to remove free chlorine.
3. Poultry Plant Process Water in process water of plant management, subject to product equipment, and must notify the USDA level is increased above 2.0 ppm a constant and uniform level such that a continuous rate.

DEODORIZING AND SANITIZING RANTS, FARMS AND FOOD PLANTS. Clean equipment, the normal surfaces thoroughly with this 200 ppm available chlorine. Maximum of 2.0 ppm. Do not use hypochlorite solution. 1 fluid oz. of this sodium water will provide approximately 2.0 ppm. NOTE: This product degrades. Increase dosage as necessary.

COMMERCIAL Use 1 gallon in 14 gallons of water for normal laundry purposes.

SWIMMING POOLS Use 1 gallon in 14 gallons of water for normal laundry purposes. Use a chlorine test kit to determine the correct dosage. Use a chlorine test kit to determine the correct dosage. Use a chlorine test kit to determine the correct dosage.