

MAY - 6 1985

Suffolk Chemical Company  
Division of United Chemicals, Inc.  
P.O. Box 1606  
Suffolk, VA 23434-1606

Gentlemen:

Subject: Sodium Hypochlorite Solution  
EPA Registration No. 34277-2  
Resubmission of March 22, 1985

The labeling for the application referred to above, submitted in connection with your application for amended registration under Section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (FIFRA), is acceptable since you have agreed that you will submit and/or cite all data required for registration/reregistration or your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If the conditions of this amendment are not complied with, the registration will be subject to cancellation in accordance with Section 6(e) of the Act.

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

Sincerely yours,



A. E. Castillo  
Product Manager (32)  
Disinfectants Branch  
Registration Division (TS-767C)

Enclosure

JOB-51656;Jenkins;Kendrick;898-1270;tar:RD:85/20;4/25/85;del.5/2/85

CONCURRENCES

SYMBOL ▶								
SURNAME ▶								
DATE ▶								

**SUFFOLK**

**CHEMICAL COMPANY**

# SODIUM HYPOCHLORITE SOLUTION

Suburban Drive  
SUFFOLK, VA. 23434

Boundary Street  
COLUMBIA, SC 29221

334 Worth St.  
FAYETTEVILLE, NC. 28302

### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

**DANGER**

**KEEP OUT OF REACH  
OF CHILDREN**

-Causes eye damage  
-May cause severe skin irritation or chemical burns  
-Do not get in eyes, on skin, or on clothing  
-Wear goggles or face shield and rubber gloves when handling concentrated product  
-Wash thoroughly after handling. Remove contaminated clothing and wash before reuse  
-Will irritate skin and eyes. In case of contact  
EXTERNAL: Flush area with water.  
INTERNAL: Drink milk, raw egg white mucilage or rice gruel. Follow with emetic (Tablespoon or mustard in glass of warm water).  
CALL A PHYSICIAN

### ENVIRONMENTAL PRECAUTIONS

This pesticide is toxic to fish. Pool wastes treated with Sodium Hypochlorite Solution should not be drained into streams, ponds or public water. Do not contaminate water by cleaning equipment or disposing of wastes.

### PHYSICAL OR CHEMICAL HAZARDS

Mix only with water according to label directions. Do not mix with other products or chemicals (such as household ammonia, bleach, peroxide or acids). To do so will release hazardous gases.  
Use only in well ventilated areas.  
Organic contamination must be removed by washing with soap and water.  
Variate treated areas as soon as possible and do not return until vapors and odors have dissipated.

### 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 empty container, but triple rinse with water and return to supplier with all plugs and caps intact for deposit refund. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

ACTIVE INGREDIENT, Sodium Hypochlorite 10.5%  
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 to supplier for deposit refund.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAY 6 1985

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

34277-2

EPA Reg No 34277-2

Estb No 34277 VA 01

NET CONTENTS:

LOT NUMBER

### 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 residual 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 self-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 RESTAURANTS, TAVERNANTS, FARMS AND FOOD PROCESSING PLANTS

1. Scrape and prewash all utensils and glassware.
2. Thoroughly wash in solution of 1 part of Sodium Hypochlorite solution to 100 parts of water.
3. Rinse in clear cold water.
4. Sprinkle with solution. If large quantities of dirty, heavily soiled items of water, immerse all utensils for a minimum of 2 minutes.
5. Place sanitized utensils on clean surface and air to dry.

### COMMERCIAL LAUNDRY BLEACH

Mix 1 gallon to 14 gallons of water. Introduce Sodium Hypochlorite into your normal laundry process.

### SWIMMING POOLS

For initial dosage of swimming pools use 1 ounce of Sodium Hypochlorite solution per 1000 gallons of water. Retest the pool until the chlorine residual falls below 2.0 ppm.  
Once the pool is clear, use 1/2 ounce of Sodium Hypochlorite solution per 1000 gallons of water to maintain a chlorine residual of 1.0 to 1.5 ppm. Use a chlorine test kit to maintain the chlorine residual between 1.0 and 1.5 ppm at all times. The pH should be kept between 7.2 and 7.6.