

62833-1

10-2-2001

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 2 2001

Sal Chemical  
3036 Birch Drive  
Weirton, WV 26062

Attention: Steven M. Fenell  
President

Subject: Sodium Hypochlorite  
EPA Registration Number 62833-1  
Your Submission Dated July 24, 2001

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, per the Agency's letter dated July 18, 2001 is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended label.

- Under the "First Aid" Statement add the following:

For Toxicity Category I eye and skin irritants, use the following "Note to Physician".

"Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage".

- Under the "Storage and Disposal" Statement make the following changes:

- Change the word "Diaposal" to read "Disposal".

- Change the word "flodd" to read "flood".

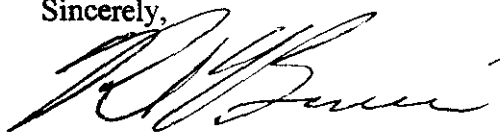
A stamped copy is enclosed for your records. Submit one copy of the final printed label before you release the product for shipment bearing the amended label.

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

If you have any questions regarding this letter, please contact Delores Williams at (703) 308-6372.

Sincerely,



**Robert S. Brennis**  
**Product Manager 32**  
**Regulatory Management Branch II**  
**Antimicrobials Division (7510C)**

## KEEP OUT OF THE REACH OF CHILDREN DANGER

**ATTENTION!** For more information refer to the **Material Safety Data Sheet. DO NOT reuse container unless properly reconditioned.**

### FIRST AID

**If Swallowed:** Call a poison control center or doctor for treatment advice. Have person drink large amounts of water. Do not induce vomiting unless told by the poison control center or doctor.

**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.

**In in Eyes:** Hold eye open & rinse slowly & gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

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

**POISON CONTROL CENTER NUMBER 800.642.3625**

**Have the product label with you when calling the poison control center or doctor, or going for treatment.**

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish & aquatic organisms. Do not discharge effluent containing this product to lakes, streams, ponds, estuaries, oceans or public 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 sewage treatment authority. For guidance contact your regional EPA office.

**PRECAUTIONARY STATEMENTS:** Hazards to humans and domestic animals. Corrosive may cause severe skin irritation or chemical burns to broken skin. Do not get in eyes, on skin or clothing. Wear goggles or face shield & rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon possible & do not return until odors have dissipated.

**EPA REGISTRATION # 62833-1**

**EPA EST. # 18332932-WV-1**

**Reformulators & repackagers of this product must obtain their own registrations from the EPA.**

**Lot #**

## 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 & increase dosage as necessary, to obtain the required level of available chlorine.

**SWIMMING POOL WATER DISINFECTION:** For a new pool or spring start up, superchlorinate with 52-104 oz. of product per 10,000 gallons of water to yield 5-10 ppm available chlorine by weight. Maintain a pool water pH between 7.2 -7.6 & alkalinity between 50-100ppm.

To maintain pool water, add 11oz. of this product per 10,000 gallons of water to yield an available chlorine residual between 0.6-1.0ppm by weight. Stabilized pools should maintain a residual of 1.0-1.5ppm available chlorine. Frequently test the chlorine residual, pH & alkalinity with a test kit. Frequency of water treatment will depend on temperature & number of swimmers. Every 7 days or as necessary, superchlorinate the pool with 52-104 oz. of product per 10,000 gallons of water to yield 5-10ppm available chlorine by weight. Do reenter the pool until the chlorine residual is below 3.0ppm.

At the end of the swimming pool season or when water is 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.

### SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES:

**RINSE METHOD -** A solution of 100ppm available chlorine may be used in the sanitizing solution if a chlorine test kit is available. Solutions containing an initial concentration of 100ppm available chlorine must be tested & adjusted periodically to insure that the available chlorine does not drop below 50ppm. Prepare a 100ppm sanitizing solution by mixing 1 oz. product with 10 gallons of water. If no test kit is available, prepare a 200ppm sanitizing solution by mixing 2 oz. product with 10 gallons of water. Prior to use rinse & clean all surfaces in a normal manner, then use sanitizing solution to clean surfaces, maintaining contact with the sanitizer for at least 2 minutes. Do not rinse equipment with water after treatment & do not soak equipment overnight. Sanitizers used in automated systems may be used for general cleaning, but may not be re-used for sanitizing purposes.

### DISINFECTION OF DRINKING WATER - PUBLIC SYSTEMS:

Mix a ratio of 1 oz. product to 100 gallons of water. Feed this solution with a hypochlorinator until a free available residual of at least 0.2ppm, but no more than 0.6ppm is attained throughout the system. Bacteriological sampling must be conducted at frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations.

### COOLING TOWER/EVAPORATIVE CONDENSER WATER-SLUG

**FEED METHOD:** Initial Dose - Apply 52 -104 oz. of product per 10,000 gallons of water in system to obtain 5-10ppm available chlorine. Repeat until control is achieved. Subsequent Dose - Apply 11 oz. of product per 10,000 gallons of water in the system daily, or as needed to maintain control & keep the chlorine residual at 1ppm. It is recommended that fouled systems be cleaned before beginning treatment.

**STORAGE & DISPOSAL:** Store this product in a cool dry area away from direct sunlight & heat to avoid deterioration. In case of a spill, flood area with large amounts of water.

7/13

# Sodium Hypochlorite

Hypochlorite Solution, 8, UN1791,  
PG III

CAS # 7681-52-9

## Net Contents

5 gallon 51# Pail  
15 gallon 150# Drum  
30 gallon 300# Drum  
53 gallon 540# Drum  
250 gallon 2250# Tote  
300 gallon 3060# Tote  
330 gallon 3366# Tote

**ACTIVE INGREDIENT**  
**SODIUM HYPOCHLORITE.....12.5%**  
**INERT INGREDIENTS.....87.5%**  
**TOTAL.....100.0%**

ACCEPTED  
with COMMENTS  
in EPA Letter dated:

OCT 2 2001

Underwriter Laboratories, Inc.  
Pesticide, Fungicide, and  
Herbicide Registration Division  
Registered Under FIFRA



**CHEMICAL EMERGENCY**  
**CALL CHEMTREC**  
**800-424-9300**

**SAL Chemical**  
3036 Birch Drive  
Weirton, WV 26062  
304.748.8200

Indianapolis, IN  
317.787.7111

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