

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 22 2003

Mr. Jeromy Miceli  
Cascade Water Services, Inc.  
113 Bloomingdale Road  
Hickville, NY 11801

Subject: S100L  
EPA Registration Number 47033-20001  
Application Date: 8/14/03  
Receipt Date: 8/20/03

Dear Mr. Miceli:

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

- To update the "first aid" statement in accordance with PR Notice 2001-1

**Conditions**

- Revise the "Ingredient" Statement to read:

ACTIVE INGREDIENT	
Sodium Hypochlorite .....	12.5%
INERT INGREDIENTS .....	87.5%
TOTAL	100.0%

Available Chlorine - 12.5%

- Place the signal word "DANGER" underneath "Keep Out Of Reach Of Children".
- Under the "Precautionary Statements" change the word "Hazardous" to read "Hazards".
- Under the "First Aid Statement" add the statement "Have the product container or label with you when calling a poison control center or doctor, or going for treatment".
- You must provide a "Hotline Telephone Number" under the First Aid statement as per PR Notice 2001-1.

CONCURRENCES

SYMBOL	SURNAME	DATE					

**General Comments**

A stamped copy of the accepted labeling is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Delores Williams at (703) 308-6372.

Sincerely,



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

# S100L

## ACTIVE INGREDIENT

Sodium Hypochlorite.....12.5%

INERT INGREDIENTS.....87.5%

AVAILABLE CHLORINE.....12.5%

\* Degrades with age. Use a test kit and increase dosage as necessary to obtain required level of available chlorine.

## KEEP OUT OF REACH OF CHILDREN

## PRECAUTIONARY STATEMENT

### Hazardous 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 vapor. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

### CHEMICAL HAZARDS:

**STRONG OXIDIZING AGENT:** Mix only with water according to label directions. Mixing this product with chemical (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.

### ENVIRONMENTAL HAZARDS:

This product 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 Water Board or Regional Office of EPA.

### STORAGE AND DISPOSAL:

Keep this product dry in tightly closed container when not in use. Store in cool, dry, well ventilated area away from heat and open flame. Do not contaminate water, food or feed by storage or disposal. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely 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.

**CONTAINER DISPOSAL:** Do not reuse empty container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. Dispose of drum in the same manner.

**EMERGENCY HANDLING:** In case of contamination or decomposition of product, do not reseal container. If possible, isolate container in open and well-ventilated area, flood with large volumes of water. Dispose contaminated material in approved landfill area.

## FIRST AID

### 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 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.
- Call a poison control center or doctor for treatment advice.

### IF INHALED:

- Move person to fresh air.
- If person is out 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 further 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

Manufactured by:

CASCADE WATER SERVICES, INC.

113 BLOOMINGDALE ROAD

HICKSVILLE, NEW YORK 11801

(516)-932-3030

EPA EST. NO. 47033-NY-1

EPA REG. NO. 47033-20001

NET CONTENTS:

Lbs. 550/55g drum

LOT #:

10.05 lb/gal

HYPOCHLORITE SOLUTION

8, UN 1791

PG III

## DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

**INDUSTRIAL RECIRCULATING WATER COOLING TOWERS AND EVAPORATIVE CONDENSERS SLUG FEED METHOD:** Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved.

**SUBSEQUENT DOSE:** When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled system must be cleaned before treatment is begun.

**INTERMITTENT FEED METHOD:** Initial Dose: When system is noticeably fouled; apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (or 1/3, 1/4, or 1/5) of this initial dose when half (or 1/3, 1/4 or 1/5) of the water in the system has been lost by blowdown.

**SUBSEQUENT DOSE:** When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm. residual. Apply half (or 1/3, 1/4 or 1/5) of this initial dose when half (or 1/3, 1/4 or 1/5) of the water in the system has been lost by blowdown. Badly fouled system must be cleaned before treatment is begun.

**CONTINUOUS FEED METHOD:** Initial Dose: When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine.

**SUBSEQUENT DOSE:** Maintain this treatment level by starting a continuous feed of 1 oz. of this product per 1,000 gallons water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment is begun.

ACCEPTED For Chemical Emergency

with COMMENTS: Spill, Leak, Fire, Exposure

EPA Letter Dated: or Accident

call CHEMTREC - Day or Night

1-800-424-9300

8/12/03

47033-20001

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