

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS 767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.  
47033-20001

DATE OF ISSUANCE  
SEP. 30 1993

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Cascade S100L

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Cascade Water Services, Inc.  
49 Bloomingdale Road  
Hicksville, NY 11801

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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Make the following labeling change before you release the product for shipment:

Delete the CAS number from the ingredient statement.

Note that the repackaged source product listed for this registration has been transferred. Refer to the attached copy of the Confidential Statement of Formula (CSF) for this product. To update this file, a revised CSF (enclosed) must be correctly filled out and returned.

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

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

Submit one copy of the final printed labeling before releasing the product in channels of trade with the revised labeling.

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.

Ruth G. Douglas *RD*  
Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (H7504C)

Enclosures

**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 pesticide is toxic to fish and aquatic organisms. Do not discharge this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**STORAGE AND DISPOSAL**

Keep 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.

**CASCADE S100L**

**ACTIVE INGREDIENT - CAS#**  
Sodium Hypochlorite.....(7681-52-9)....12.5%  
**INERT INGREDIENTS.....87.5%**  
**AVAILABLE CHLORIDE.....12.5%**

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Drink large amounts of water DO NOT induce vomiting. Call a physician or poison control center immediately

**IF ON SKIN:** Brush off excess chemical and flush skin with cold water for at least 15 minutes. If irritation persists, get medical attention.

**IF IN EYES:** Flush with cold water for at least 15 minutes. Get immediate medical attention.

**IF INHALED:** Remove person to fresh air. Get immediate medical attention.

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

**CASCADE WATER SERVICES**  
49 BLOOMINGDALE ROAD, HICKSVILLE, NY 11801

**EPA EST. NO. 47033-NY-1**  
**EPA REGISTRATION NO. 47033-20001**  
**NET CONTENTS:**

**BEST AVAILABLE COPY**

**DIRECT**

IT IS A VIOLATION OF FE

IN A MANNER INCONSIST

**INDUSTRIAL REC**

**COOLING TOWERS A**

**SLUG FEED METHOD:** Initia

fouled, apply 52 to 104 oz. o

of water in the system to obt

chlorine. Repeat until corit

**SUBSEQUENT DOSE:** W/

11 oz. of this product per 10

daily, or as needed to maint

residual at 1 ppm. Badly fou

treatment is begun.

**INTERMITTENT FEED ME**

noticeably fouled; apply 52 to

gallons of water in the syste

chlorine. Apply half (or 1/3,

half (or 1/3, 1/4 or 1/5) of the

by blowdown.

**SUBSEQUENT DOSE:** W/

11 oz. of this product per 10

obtain a 1 ppm. residual. Ap

itial dose when half (or 1/3,

has been lost by blowdown.

before treatment is begun.

**CONTINUOUS FEED MET**

noticeably fouled, apply 52 to

gallons of water in the syste

chlorine.

**SUBSEQUENT DOSE:** Mal

a continuous feed of 1 oz. o

water lost by blowdown to m

fouled systems must be cle

For Chem

Spill, Leal

or

Call CHEMTF

1-80

**ACCEPTED**

SEP 30 1993

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this product is registered with EPA Reg. No. 47033-20001