

71326-2

3-15-2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of issuance:

71326-2

MAR 15 2001

Term of Issuance:

Conditional

Name of Pesticide Product:

SweetWater ViralStop
Purifier Chlorine
Solution

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Cascade Designs, Inc.
4000 First Avenue South
Seattle, WA 98134

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 71326-2".
- b. The product label should include a statement explaining the actual function of the product, such as "Removes and/or inactivates bacteria, viruses and cysts from contaminated water".

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Signature of Approving Official:

Date:

MAR 15 2001

Robert S. Brennis, PM 32

- c. Revise the "Environmental Hazards" Statement to read:

This pesticide 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 the EPA".

3. Submit two copies of the revised final printed label for the record.
4. You must submit a revised Confidential Statement of Formula (CSF) and make the following changes:
 - The Agency guidelines for liquid sodium hypochlorite solutions and other like products permit the over-formulation of the active ingredient (a.i.) by up to 25%. This means that the upper control limit can be calculated as: % a.i. (nominal concentration) x 1.25% equals maximum upper limit which is permitted. The lower limit, however, must be equal the % a.i. (nominal concentration) or the amount declared on the product label. Therefore, the lower certified limit for this product should be changes from 2.3% to 3.5%, the percentage declared on the product label. The upper control limit for this product can be raised to 4.4%.
 - The information covering the water was incomplete in item 11 of the CSF.
 - The product name given in the CSF and the product label must be the same. The product names given in the CSF is ViralStop. The name given on the label is SweetWater ViralStop Purifier Chlorine Solution. Please clarify which of the two is the official product name.

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.

You must submit all data or information necessary pending further review.

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



Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if swallowed. May irritate skin. For prolonged use, wear gloves.

Environmental Hazards

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.

Physical or Chemical Hazards

This product contains a strong oxidizer. Flush drains before and after use. Do not use or mix with other household chemicals, such as toilet bowl cleaners, rust removers, acid or ammonia containing products. To do so will release hazardous gases. Prolonged contact with metal may cause pitting or discoloration.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 15 2001

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, this product is
registered under EPA Reg. No. 71326-2

71326-2

SweetWater ViralStop Purifier Chlorine Solution

Active Ingredient: Sodium hypochlorite: 3.5%
Other ingredients: 96.5%
Total: 100.0%

Keep Out of Reach of Children

Warning

FIRST AID

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

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 Inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a Poison Control Center or doctor for further treatment advice.

If in Eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present after 5 minutes, then continue rinsing eye.
- Call a Poison Control Center or doctor for further treatment advice.

If on Skin:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a Poison Control Center or doctor for further treatment advice.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.
See side panel for additional precautionary statements

EPA Reg. No. 71326-2 EPA Est. No. 71326-XX-X

Cascade Designs, Inc., Seattle, Washington 98134
(800) 531-5531

Net Contents 2 oz.

Expiration Date:

Directions for Use

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

ViralStop should be used in conjunction with Guardian Microfilter whenever waterborne viral pathogens may be present in the water. This includes water collected in areas where human or animal contamination is possible, such as heavily used areas, areas where there are no facilities to deal with human waste, or where agricultural waste is present.

Collect water that is as clean as possible. After pumping through the Guardian microfilter, add 5 drops of ViralStop per liter of water, mix for at least 10 seconds and wait 5 minutes before drinking water or adding drink mix.

Note: This product degrades with age. Check expiration date on bottle and replace accordingly.

See Guardian and ViralStop instruction sheets for complete directions.

Storage and Disposal

Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. Refrigerate when not in use. 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 place in trash collection. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.

Not restricted for air transport by 49 CFR and IATA regulations.

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Purifier System
Label

SweetWater®

Guardian Purifier System WITH VIRALSTOP™

VIRUS PROTECTION
removes giardia, crypto, bacteria

0.2 MICRON FILTRATION

- Removes Bacteria, Giardia and Cryptosporidium
- Fast and easy to clean
- Easy to pump
- High output-1+ liters per minute
- Compact & Lightweight

VIRALSTOP™ PURIFICATION

CHLORINE-BASED PROTECTION

- Inactivates viruses
- No slow or double pumping required
- Chlorine based-no bad taste

BONUS VALUE!


platypus
2+ Liter Bottle
included inside



LIFETIME WARRANTY

SweetWater Guardian Purifier System WITH VIRALSTOP™ PROTECTION

THE GUARDIAN PURIFIER SYSTEM COMBINES THE EXPEDITION-PROVEN FILTRATION OF THE GUARDIAN MICROFILTER WITH THE CHLORINE-BASED VIRAL PROTECTION OF VIRALSTOP™. LIGHTWEIGHT & RELIABLE, THE SYSTEM DELIVERS WATER THAT IS MICROBIOLOGICALLY SAFE AND WITHOUT A BAD TASTE.

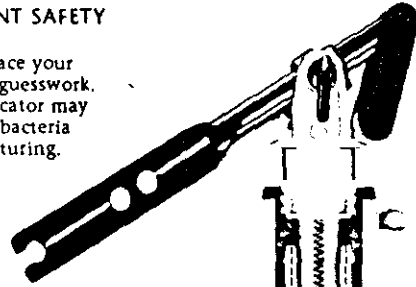


VIRALSTOP™ PURIFICATION

- Proven effective - Chlorine is used to treat over 95% of all U.S. tap water.
- Simple and easy virus protection - just add 5 drops of ViralStop to each liter of filtered water and wait 5 minutes.
- Spill-proof dispenser bottle for accurate measuring. Treats 100 gallons.
- You always know how much protection remains.

FILTER REPLACEMENT SAFETY INDICATOR

Tells you when to replace your cartridge, eliminating guesswork. Filters without an indicator may become susceptible to bacteria "push through" or rupturing.



PRESSURE RELIEF VALVE
Prevents bacteria "push through" and protects the filter element from damage. Many other filters do not have this important safety feature.

HIGH LEVERAGE LEXAN® HANDLE

Reduces pumping force by 75%, delivers water on both strokes. Collapses easily for storage.

ACTIVATED CARBON

Adsorbs chemical pollutants, tastes, and odors.

0.2 MICRON LABYRINTH DEPTH FILTER
Effectively removes Giardia, Cryptosporidium and bacteria. Super durable—won't crack and fail if dropped or frozen.

PREFILTER
80 micron stainless steel screen removes larger particles and protects pump parts.

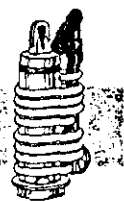
INCLUDED INSIDE:
CARRY BAG, INHOSE FLOAT and FILTER CLEANING BRUSH



WATER BOTTLE ADAPTER
Fits most popular bottle sizes for hands-free filling.

SILICONE HOSES
Extra-long 32" hoses are color-coded to avoid cross-contamination.

COMPACT AND LIGHTWEIGHT COLLAPSES FOR EASY CARRYING



Not for use in brackish or salt water. For complete use instructions and precautionary statements, refer to the enclosed owner's manual. Failure to follow the use and cleaning instructions may lead to your water not being filtered to a safe and healthy level.

GUARDIAN PURIFIER SYSTEM SPECIFICATIONS

- HEIGHT: 7.5".
- WEIGHT: 14 oz with all accessories.
- REMOVAL: 99.99999% bacteria; 99.9% protozoan parasites; 99.999% waterborne viruses.
- FLOW: 1+ liters per minute.
- FILTER LIFE: up to 200 gallons, contingent on water conditions.
- VIRALSTOP LIFE: up to 100 gallons.

Active Ingredient: Sodium Hypochlorite	3.5%
Other Ingredients:	96.5%
Total:	100.0%

**KEEP OUT OF REACH OF CHILDREN
WARNING**

USEPA Registration No. 71326-X
USEPA Establishment No. 71326-VIA-X

Our new Chlorine-based Purifier technology is much faster and more effective in all EPA test waters than our previous iodine-based technology. The EPA, a U.S. federal agency that regulates chemical use in water purifiers, requires that purifiers pass several tests simulating real-world conditions. To pass, our iodine-based *ViralGuard* purifier required a dramatic reduction in pump rate and in some cases required the water to be passed through the purifier a second time. While the test represents "worst case" waters, these conditions are commonly found in the backcountry or abroad. With *ViralStop*, you simply pump your water, add 5 drops and wait five minutes - even for "worst case" water.

EPA TEST WATERS THAT SIMULATE "REAL WORLD" CONDITIONS:

Time taken to purify one liter of water to 99.99% virus removal*

1. COLD, CLEAR MOUNTAIN STREAMS AND RIVERS



Water test of cold mountain stream water.

2. CONIFER FORESTS AND BOGS



Cold and silty waters with high levels of bacteria, viruses and protozoan cysts (*Giardia*, *Cryptosporidium*) and a LOW PH (acidic) from rotting vegetation or bogs.

Examples: Boundary Waters Canoe Area; Olympic Peninsula; much of Canada; Nepal coast, pine forests, jungles, and rain forests of the world.

3. ARID DESERT AREAS



Cold and silty waters with high levels of bacteria, viruses and protozoan cysts (*Giardia*, *Cryptosporidium*) and a HIGH PH (alkaline).

Examples: Grand Canyon, Colorado River, American Southwest, desert areas of the world.

*Source: Cascade Designs Microbiology Lab test results of viral inactivation.

**As used in the SweetWater Guardian Purifier System.

***As used in the Guardian+Plus Purifier.

Guardian Purifier System WITH VIRALSAFE™

Viral Stop
T88

THE GUARDIAN PURIFIER SYSTEM COMBINES THE EXPEDITION-PROVEN FILTRATION OF THE GUARDIAN MICROFILTER WITH THE CHLORINE-BASED VIRAL PROTECTION OF VIRALSAFE™. LIGHTWEIGHT & RELIABLE, THE SYSTEM DELIVERS WATER THAT IS MICROBIOLOGICALLY SAFE AND WITHOUT A BAD TASTE.

Viral Stop
T88

0.2 MICRON FILTRATION

- Removes Bacteria, Giardia and Cryptosporidium
- Fast & easy to clean
- Easy to install
- High output—1.1 liters per minute
- Compact & Lightweight

VIRALSAFE™ PURIFICATION

CHLORINE-BASED PROTECTION

- Inactivates viruses
- Fast & effective
- No slow or cumbersome pumping required
- Chlorine based—no bad taste

LIFETIME WARRANTY

GUARDIAN PURIFIER SYSTEM SPECIFICATIONS

HEIGHT: 7.5".

WEIGHT: 14 oz with all accessories.

REMOVAL: 99.9999% bacteria; 99.9% protozoan parasites; 99.99% waterborne viruses.

FLOW: 1+ liters per minute.

FILTER LIFE: up to 200 gallons, contingent on water conditions.

VIRALSAFE LIFE: up to 200 gallons, contingent on water conditions.

FRENCH

SweetWater® is a division of



4000 1st Avenue South
Seattle, WA 98134

(800) 531-9531
www.sweetwaterfilters.com



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