

81987-2

03-01-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



United States
Environmental Protection
Agency

Office of Pesticide Programs

Erik Balling
Operations Manager
California Water Services
700 W. Elm St.
Coalinga, CA 93210

MAR - 1 2010

FILE COPY

Subject: Drip Clear-Sodium Hypo Chlorite
EPA Registration No. 81987-2
Application Date: January 19, 2010
Receipt Date: February 02, 2010

Dear Mr. Balling:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

Proposed Notification:

- Response to Agency letter dated July 01, 2009

Comments:

1. Revise the "Storage and Disposal" statement on page four (4) to adhere PR Notice 2007-4 by stating the following appropriate container disposal statements.

Container Disposal

(5 gallons or less)(Plastic/Metal Containers)

Nonrefillable Container. Do not refill or reuse container. Triple rinse as follows:

Empty remaining contents into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Fill container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

Container Disposal

(5 gallons or more)(Plastic/Metal Containers)

Nonrefillable Container. Do not refill or reuse container. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least on complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal.

Repeat this procedure two more times. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

2. The desired residual under the "Superchlorination" use directions must be declared at 10-20 ppm.

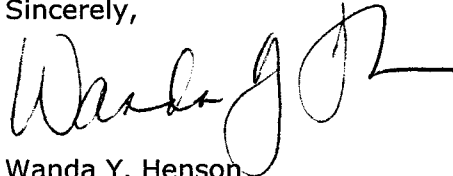
General Comments:

Based on a review of the material submitted, the following comment applies:

The notification application is acceptable with above comment and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6345.

Sincerely,



Wanda Y. Henson
Acting Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

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Print Form

Please read instructions on reverse before completing form.

Form Approved

OMB No. 2070-0060



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 81987-2	2. EPA Product Manager Emily Mitchell	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Drip Clear - Sodium Hypo Chlorite	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) California Water Services 700 W. Elm St. Coalinga, CA 93210 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: <input checked="" type="checkbox"/> EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

See letter included

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. _____ No. per container _____	If "Yes" Package wgt. _____ No. per container _____		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Erik Balling	Title Operations Manager	Telephone No. (include Area Code) 559-935-2300
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature	3. Title Operations Manager	
4. Typed Name Erik Balling	5. Date 1/19/2010	

Drip Clear – Sodium Hypochlorite

ACTIVE INGREDIENT – Sodium Hypochlorite	12.5%
OTHER INGREDIENTS	87.5%
TOTAL	100.0%

NOTIFICATION
 Date Reviewed: 3/11/10
 Reviewed By: [Signature]

Available Chlorine 12.5%

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes • Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. • Call poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • Call poison control center or doctor 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:	<ul style="list-style-type: none"> • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when you call a poison control center or doctor. You may contact the Poison Center at 1-800-222-1222 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage	

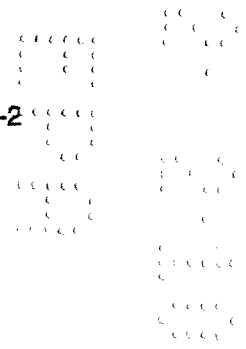
See other precautions on this label.

California Water Services
Coalinga, CA 93210

EPA REG. NO 81987-2
 EPA Est. No.
 California Water Services
 Olin Chlor Alkali Products

81987 – CA-1
 61667 - CA-1, CA-2, 11138 - CA-1, CA-2
 10897 - CA-1, CA-2
 8996 - CA-1
 1744 - CA-1
 962 -CA-1, 962 - CA-2, 962 - CA-3
 10897 – CA-1, CA-2

Sierra Chemical Co
 Jones Chemical Co.
 Los Angeles Chemical Company
 Hasa



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. May cause severe skin irritation or chemical burns to broken skin. Causes eye damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or safety glasses and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- 1. Goggles or face shield
- 2. Long-sleeved shirt and long pants
- 3. Waterproof gloves
- 4. Shoes plus socks

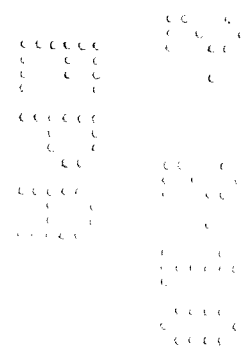
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

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 public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or regional office of U.S. Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS

STRONG OXIDIZING AGENT: Use only according to label directions. Mixing this product with gross filth, such as feces, urine, etc. or with ammonia, acids, detergents, or other chemicals will release hazardous gases which are irritating to eyes, lungs and mucous membranes.



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 and increase dosage as necessary to obtain the desired level of available chlorine. Chlorine demand will change depending on the water temperature and purity.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirement for protection of workers.

This product is to be applied through irrigation systems only for agricultural crops and only where this manner of use will not cause crop damage. Drip Clear – Sodium Hypochlorite is an additive that controls both algae and bacterial growth. The dosage in ppm of Drip Clear – Sodium Hypochlorite required for injection into the water supply can be calculated by the following equation:

$$(0.006) \times (\text{ppm desired}) \times (\text{system flow rate in gallons per minute}) / 0.11$$

With a chlorine test kit, determine the residual chlorine at the farthest point from the injection point. Chlorine demand will change depending on the water temperature and purity.

DO NOT connect any irrigation system, including greenhouse systems into which Drip Clear – Sodium Hypochlorite is to be added, to a public water system unless safety devices prescribed by the state Department of Health, safe Drinking Water Branch, for cross connection protection are in place.

DO NOT apply when fertilizers, herbicides, and insecticides are being injected since they will consume the available chlorine and may produce toxic reaction products.

Shut down the feed as soon as the irrigation water is switched to the next irrigation sector. Leave the treated water residing in the sections that have been shut down.

Continuous chlorination is recommended for irrigation water containing high levels of bacteria, algae or other bio-fouling that reduces irrigation system performance. Chlorine should be injected at a dosage that will yield 1 ppm to 2 ppm of free residual chlorine. Residuals should be taken at the end of the furthest lateral from the injection point with a chlorine residual test kit. An increase or decrease of chlorine dosage will need to be made periodically to achieve/maintain, a free residual chlorine yield of 1 ppm to 2 ppm as weather and water conditions change.

Periodic shock treatments at a higher chlorine dosage of 10 ppm to 20 ppm may be performed during the irrigation season. One day after the shock treatment the irrigator should open the ends of the irrigation lines to flush out any algae, bacteria or other build up which may have been clogging the lines.

Superchlorination, which is increasing the chlorine dosage concentrations to between 50 and 100 ppm is recommended if systems are clogged by algae, bacteria or root intrusion. After the proper chlorine dosage has been set on the chlorinator inject the chlorine until the desired residual is achieved at the furthest lateral from the injection point. Once the desired residual is achieved turn off the water to the system for 24 hours. The high concentration of chlorine will vigorously attack organic material and will help clear the blockage. After the high concentration has set in the system for 24 hours flush the irrigation system until there is no longer free chlorine residual in the system.

