

53345-18

08/25/2010

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number: 53345-18

Date of Issuance: AUG 25 2010

Term of Issuance:

Conditional

Name of Pesticide Product:

Ercocide SP

NOTICE OF PESTICIDE:

Registration
[x] Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

ERCO Worldwide
302 The East Mall, Suite 200
Toronto, Ontario M9B 6C7
CANADA

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.

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

1. Make the following label changes:

a. The EPA Registration Number is "53345-18".

Signature of Approving Official:

Wanda Hension, Acting
Product Manager Team-32
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

AUG 25 2010

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EPA Registration No. 53345-3

b. Under the heading "User Safety Recommendations", delete the word should and replace it with the word "must" wherever it may appear.

c. In the Container Disposal section, under Non-refillable containers, change "Tip container on its side and roll it back and forth several times" to "Turn container on its side and roll it back and forth several times".

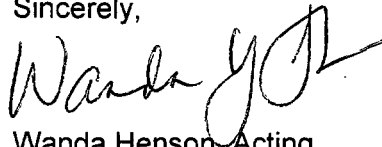
2. For additional comments and recommendations, please refer to the enclosed EPA reviews.

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.

Submit two (2) copies of the revised labeling bearing the labeling revisions listed above. A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact Wanda Henson at (703) 308-6345 or by email at [Henson.Wanda@epa.gov](mailto:Henson.Wanda@epa.gov).

Sincerely,



Wanda Henson, Acting  
Product Manager 32  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

# ERCOCIDE SP

Sodium Chlorate

FOR USE IN GENERATING CHLORINE DIOXIDE TO CONTROL BACTERIAL SLIME IN PULP AND PAPER WHITE WATER SYSTEMS

### ACTIVE INGREDIENT:

Sodium Chlorate.....	40.0%
Other Ingredients.....	60.0%
TOTAL:	100.0%

ACCEPTED  
with COMMENTS  
EPA Letter Date:

KEEP OUT OF REACH OF CHILDREN

## CAUTION

AUG 25 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 53345-18

EPA Reg. No.: 53345-18  
EPA Est. No.: 53345-CN-001  
53345-CN-002  
53345-CN-003  
53345-ITA-001

Net Contents: \_\_\_\_\_  
Batch Code: \_\_\_\_\_

### FIRST AID

#### 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.

**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 Swallowed:** Call a 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 a 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 by mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

#### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the Poison Center at 1- 800 - 222 - 1222 for emergency medical treatment information.

Manufactured By ERCO Worldwide  
302 The East Mall, Suite 200, Toronto, Ontario, Canada  
M9B 6C7

MADE IN: \_\_\_\_\_

Revised 3/27/2009

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wear protective eyewear (goggles or face shield), rubber gloves, and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

#### Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are neoprene and polyethylene. For more information, follow the instructions for category *[insert category here]* on the chemical-resistance category selection chart. All mixers, loaders, applicators, and other handlers must wear: long-sleeve shirt and long pants, and shoes and socks.

#### User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbing materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

#### User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not apply directly to water, or to areas where surface water is present, or to inter-tidal areas below the mean high water mark. Do not discharge effluent containing this product into 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 local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

#### PHYSICAL OR CHEMICAL HAZARDS

Strong oxidizing agent. Avoid contaminating with combustible materials such as clothing, wood, or leather as a serious fire hazard will result. Contact with strong acids may cause evolution of poisonous and possibly explosive mixtures of chlorine dioxide and chlorine gases. Decomposes above 500°F.

#### DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Ercocide SP is used to generate chlorine dioxide to control bacterial slime in pulp and paper water systems.

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## DOSAGE RATE, FREQUENCY AND CONCENTRATION

The required dosage rate, frequency and concentration of Chlorine Dioxide may vary for each individual user. Typical concentrations of Chlorine Dioxide are between 1000-2000 ppm on a continuous basis, or between 1000-4000 ppm on an intermittent shock dose basis. Your ERCO Worldwide representative can guide you in the method of application.

## METHOD OF APPLICATION

Chlorine Dioxide generation must take place only under controlled conditions in a Chlorine Dioxide Generator. Dissolve Ercocide SP in water, then within the Chlorine Dioxide Generator, react with Sulfuric Acid and Methanol or Hydrochloric Acid, producing an aqueous solution of Chlorine Dioxide. This solution is then added at a point in the system to be treated which ensures uniform mixing. Do not apply Ercocide SP directly to the system being treated. Your ERCO Worldwide representative can guide you in the method of application. Follow all instructions in the Chlorine Dioxide Generator Manual carefully.

## STORAGE & DISPOSAL

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

### **Pesticide Storage:**

Avoid exposure to high temperatures during storage. Store remote from other chemicals and combustible materials. Do not skid or slide drums.

### **Pesticide Disposal:**

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility.

### **Container Disposal:**

~~Triple rinse (or equivalent) all containers and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved of by state and local authorities. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.~~

[Refillable Containers:] Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

[Non-refillable Containers:] Nonrefillable container. Do not reuse or refill this container. Offer for recycling or reconditioning, if available. Triple-rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. If recycling is not available, puncture and dispose of in a sanitary landfill, or incineration, or by other procedures approved by state and local authorities.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

AUG 25 2010

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 53345-18