

73139-1

11-14-2003

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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:

73139-1

Date of Issuance:

NOV 14 2003

Term of Issuance:

Conditional

Name of Pesticide Product:

Sabrechlor 25

NOTICE OF PESTICIDE:

     Reregistration  
  X   Registration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Sabre Oxidation Technologies, Inc.  
2642 Marco Avenue  
Odessa, TX 79762

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. 73139-1."
  - b. Revise the Ingredient statement as follows:

Active Ingredient:

Sodium Chlorite ..... 25%

Other Ingredients ..... 75%

Total ..... 100%

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Signature of Approving Official:

Date:

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- c. Revise the "If In Eyes" section of the First Aid Statement to read:

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

- d. Revise the first sentence of "Environmental Hazards" statement to read:

This product is toxic to fish and aquatic organisms.

- e. The statement "Do not apply Sabrechlor 25 directly to system being treated" must precede "Follow all instructions in the Chlorine Dioxide Generator Manual carefully" under the Method of Application use directions.

- f. The correct heading for Food Contact Surfaces is "**Sanitization** of Food Contact Surfaces In Food Processing Plants, Dairies, Bottling Plants and Breweries"

- g. The statement "other procedures approved by state and local authorities" has been remove from the proposed label. EPA only registers products for particular use patterns based data/information for their active ingredient(s).

Submit two copies of the revised final printed label for the record.

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.

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

# SABRECHLOR 25

Sodium Chlorite Solution

## ACTIVE INGREDIENT:

Sodium Chlorite	25%
Inert Ingredients:	75%
TOTAL	100%

**FOR USE IN GENERATING CHLORINE DIOXIDE TO CONTROL MICROORGANISMS IN POTABLE WATER, WASTE WATER, FOOD PROCESSING PLANT WATER, ONCE-THROUGH COOLING SYSTEM, GENERAL INDUSTRIAL PROCESS WATER AND FOOD CONTACT SURFACES**

### KEEP OUT OF REACH OF CHILDREN DANGER

### PRECAUTIONARY STATEMENTS HAZARDOUS TO HUMANS AND ANIMALS

#### DANGER

Corrosive. Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles, or face shield, and use only Neoprene gloves when handling. May be fatal if swallowed, inhaled to nose and throat. Do not breathe dust, vapors or spray mist. Remove and wash contaminated clothing immediately.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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.

#### PHYSICAL OR CHEMICAL HAZARDS

Strong oxidizing agent. Mix or dilute with water only. Mixing with acids, or alcohol, or other chemicals may cause evolution of chlorine and chlorine dioxide gas mixture which is toxic and may be explosive. Combustible materials contaminated with SABRECHLOR 25 may burn rapidly. Keep handling areas and equipment clean and free of oil, grease, combustibles and dust. Do not contaminate products with garbage, dirt, organic matter, paint products, solvents, acids, vinegar, beverages, silk, pine oil, dyes, or other foreign matter. Do not expose to hot surfaces, sparks or open flame.



EPA Registration No.:

MANUFACTURED IN UNITED STATES BY SABRE OXIDATION TECHNOLOGIES, 2642 MARCO AVE., ODESSA, TEXAS 79782

Net Contents:

#### FIRST AID

**If in eyes:** Hold eye open and rinse slowly and gently with water for 5-20 minutes, then continue rinsing eye. 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 on skin or clothing:** 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:** Call a poison control center or doctor immediately for treatment advice. Have a 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.

**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.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

#### DIRECTIONS FOR USE

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

#### METHOD OF APPLICATION

Use SABRECHLOR 25 with a Chlorine Dioxide generator to generate an aqueous chlorine dioxide solution. These generators react SABRECHLOR 25 with either chlorine or a chlorine solution and 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. Alternatively, SABRECHLOR 25 can be used to form acidified sodium chlorite solutions by mixing the product with a Generally Recognized As Safe (GRAS) acid such as citric, phosphoric, hydrochloric or acetic acid. Follow all instructions in the Chlorine Dioxide Generator Manual carefully.

#### APPLICATIONS

##### POTABLE WATER AND WASTEWATER DISINFECTION

For most municipal and other potable water systems, a chlorine dioxide residual concentration up to 2.0 ppm is sufficient to provide adequate disinfection. The concentration of total residual oxidants (chlorine dioxide, Chlorite and Chlorate) should be monitored such that it does not exceed 1.0 ppm in the distribution system. For wastewater and sewage applications, residual chlorine dioxide concentrations up to 50 ppm are generally adequate.

##### FOOD PROCESSING PLANTS, DAIRIES, BOTTLING PLANTS AND BREWERIES FOOD PLANT PROCESS WATER

For microbial control in typical food processing water systems, such as flume transport, chill water systems, hydrocoolers and retort cooling water, apply SABRECHLOR 25 through a chlorine dioxide generation system to achieve a chlorine dioxide residual concentration ranging from 0.25 to 5.0 ppm.

Chlorine dioxide generated from SABRECHLOR 25 may also be used as a water sanitizer for fruit and vegetable washing and cut and peeled potato products without a subsequent potable water rinse requirement, provided that the concentration of total residual oxidants meet the residual limitations of  $\leq 1.0$  ppm.

Residual concentrations up to 5.0 ppm chlorine dioxide in process water may be used for washing whole uncut and unpeeled fruits and vegetables although a final potable water rinse is required if the residual exceeds 1 ppm.

Potatoes, including those which have been peeled or cut, may be treated with sufficient chlorine dioxide to produce a residual concentration of up to 5.0 ppm provided this is followed by a potable water rinse.

**POULTRY PROCESSING WATER:** Use SABRECHLOR 25 to generate chlorine dioxide for use as an antimicrobial agent in water used in poultry processing in an amount not to exceed 3 ppm residual chlorine dioxide as determined by an appropriate method.

**SANITATION OF FOOD CONTACT SURFACES IN FOOD PROCESSING PLANTS, DAIRIES, BOTTLING PLANTS AND BREWERIES:** Use SABRECHLOR 25 to generate chlorine dioxide for use as a terminal no-rinse sanitizer for food-contact surfaces, food-processing equipment and utensils. Prior to application, remove gross food particles and soil by a pre-rinse, or pre-scrape, and when necessary, pre-soak treatment. Then thoroughly wash all equipment, surfaces and utensils with a suitable detergent or cleaner, followed by a

potable water rinse. Dilute the chlorine dioxide solution generated from the chlorine dioxide generator with potable water to achieve a use-solution of at least 100 ppm but not more than 200 ppm available chlorine dioxide. A contact time of at least one minute is required for sanitization. Allow the sanitizing solution to thoroughly drain and dry from the equipment and surfaces cleared for use on food contact surfaces under the Federal Food, Drug and Cosmetic Act prior to recontact of the sanitized surface with food or feed items.

**GENERAL INDUSTRIAL PROCESS WATER TREATMENT (OILFIELD INJECTION WATER, WHITE WATER PAPER MILL SYSTEMS, AND RECIRCULATING COOLING TOWERS):** Use SABRECHLOR 25 to generate chlorine dioxide for the control of microbial slime in the above water systems. In order to achieve adequate control, the chlorine dioxide residual concentration should be between 0.25 and 5.0 ppm.

**ONCE-THROUGH COOLING WATER SYSTEMS:** Control of molluscs can be effectively accomplished using SABRECHLOR 25 as directed in commercial and industrial once-through cooling water systems. SABRECHLOR 25 may be fed on a continuous or slug basis depending on the degree of system fouling.

Slug Dose: Add 42 to 210 lbs. of chlorine dioxide per million gallons of water (5 to 25 ppm).

Continuous Dose: Add 2 to 16 lbs. of chlorine dioxide per million gallons of water (0.25 to 2 ppm).

other procedures approved by state and local authorities

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

##### Storage:

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

##### 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 directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

##### 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 by state and local authorities.

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

NOV 14 2003

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 73139-1

EPA Est. No. \_\_\_\_\_