

53345-13

3-16-1988

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 53345-13	DATE OF ISSUANCE 16 MAR 1988
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT ERCOPURE	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Albright & Wilson Americas
 Division of Tenneco Canada, Inc.
 2 Gibbs Road
 Islington, Ontario M9B 1R1
 Canada

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. This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 53345-13" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Jeff Kempter
 Jeff Kempter
 Product Manager (32)
 Disinfectants Branch
 Registration Division (TS-767C)

Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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Pringle 3115

ERCOPURE

FOR USE IN GENERATING CHLORINE DIOXIDE TO CONTROL MICRO-ORGANISMS IN WATER AND WASTE WATER

DANGER - KEEP OUT OF REACH OF CHILDREN
SEE PRECAUTIONARY STATEMENT AND FIRST AID INFORMATION

PRECAUTIONARY STATEMENTS HAZARD TO HUMANS & DOMESTIC ANIMALS

DANGER

Corrosive, causes eye and skin damage.
Do not get in eye, on skin, or on clothing.
Wear goggles, or face shield, and use only Neoprene gloves when handling.
May be fatal if swallowed, irritating to nose and throat.
Do not breathe dust, vapors or spray mist.
Combustible material contaminated with ERCOPURE may burn rapidly if ignited.
Remove and wash contaminated clothing immediately.
Avoid hot surfaces, sparks or open flames.
Contact with acids may release toxic gas.
Use only clean dry utensils when handling.

ENVIRONMENTAL HAZARD

This product is toxic to fish.
Do not discharge into lakes, streams, ponds, estuaries, oceans or public water ways, unless such action is in accordance with a NPDES Permit.
For guidance contact your State Water Board or office.

PHYSICAL OR CHEMICAL HAZARD

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 ERCOPURE may burn readily. Keep handling areas and equipment clean and free of oils, greases, combustibles and dust.
Do not contaminate product with garbage, dirt, organic matter, paint products, solvents, acids, vinegar, kerosene, oils, pine oils, dirty rags or other foreign matter.
Do not expose to hot surfaces, sparks or open flame.

MANUFACTURED IN CANADA BY ALBRIGHT & WILSON AMERICAS, a division of Tenneco Canada Inc. 2 Gibbs Road, Islington, Ontario M9B 1R1

ACTIVE INGREDIENT: Sodium Chlorite ... 80%
INERT INGREDIENTS: ... 20%
TOTAL ... 100%

DOSE RATE, FREQUENCY AND CONCENTRATION

The required dosage rate, frequency and concentration of chlorine dioxide may vary for each individual user, depending on severity of contamination, temperature and pH. Typical concentrations of chlorine dioxide are between 0.5 and 5 ppm, on a continuous basis or between 5 ppm and 100 ppm on an intermittent shock dose basis. Your Albright & Wilson America 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. These generators react aqueous ERCOPURE solutions 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. ERCOPURE is prepared for use in a chlorine dioxide generator by dissolving it in room temperature water. Such solutions are typically 15% or 25% by weight sodium chlorite. A 15% solution requires 192 g pounds of ERCOPURE per 100 US gallons of water. A 25% solution requires 119.1 pounds of ERCOPURE per 100 US gallons of water. Do not spray ERCOPURE directly to the system being treated. Your Albright & Wilson America's Representative can guide you in the method of application. Follow all instructions in the chlorine dioxide generator manual carefully.

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 residue 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

REUSE: Triple rinse (or equivalent) and contents 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.

FIRST AID: STATEMENT OF PRACTICAL TREATMENT

Eye: Flush with plenty of water for 15 minutes. Get medical attention immediately.

Skin: Shake off excess chemical. Flush with plenty of water for 15 minutes while removing clothing. If irritation develops get medical attention. Wash contaminated clothing immediately.

IF SWALLOWED: Immediately drink large quantities of milk, egg whites or gelatin solutions. If these are not available, drink large quantities of water. Avoid alcohol. Get Medical Attention immediately.

DIRECTIONS FOR USE

General Classification

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

APPLICATIONS

ERCOPURE is used to generate chlorine dioxide for use as a sanitizing, sanitizing, disinfecting agent, micro-organisms control in water and waste water. Examples of applications of chlorine dioxide generated from ERCOPURE include:

- potable water disinfection
- waste water and sewerage disinfection
- algae and bacterial slime control in industrial cooling systems
- microorganisms control on hard surfaces
- bacterial slime control in pulp and paper mill water systems

Sodium Chlorite



UN 1496

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAR 16 1988

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
53345-13

EPA Registration No.: 53345-

EPA Est. No.: 53345-CN.01

NET WEIGHT:

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