

PM 32

9804-8

1 of 3

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

9804-8

DATE OF ISSUANCE

SEP 30 1996

TERM OF ISSUANCE

Conditional

NAME OF PESTICIDE PRODUCT

BCI OXI-15

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

BIO-CIDE International  
P. O. Box 722170  
2845 Broce Dr.  
Norman, OK 73070-8644

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 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 listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration Number 9804-".
- b. Add the "Company Name and Address" to front panel.

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 sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

ATTACHMENT IS APPLICABLE.

SIGNATURE OF APPROVING OFFICIAL

DATE

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

If you have any questions about these comments, please call LaVerne Dobbins at (703) 305-7064.

Sincerely yours



Vivian Turner  
Acting Product Manager (32)  
Antimicrobial Program Branch  
Registration Division (7505C)

30/3

**ACCEPTED**

SEP 30 1996

Under The Federal Insecticide, Fungicide and  
Rodenticide Act, as amended, for the

pesticide registered under

No.

9804-8

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS  
DANGER**

Highly corrosive. Causes skin and eye damage. May be fatal if swallowed. Do not get in eyes, on skin, or on clothing. Do not handle with bare hands. Wear goggles or face shield and neoprene gloves and use only thoroughly clean, dry utensils when handling. Irritating to nose and throat. Avoid breathing fumes. Remove and wash contaminated clothing to avoid fire.

**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 the discharge. Do not discharge effluent containing this product to sewer systems without notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**CHEMICAL HAZARDS**

Dry sodium chlorite is a strong oxidizing agent. Mix only into water. Contamination may start a chemical reaction with generation of heat, liberation of hazardous gases (chlorine dioxide a poisonous, explosive gas), and possible fire and explosion. Do not contaminate with garbage, dirt, organic matter, household products, chemicals, soap products, paint products, solvents, acids, vinegar, beverages, oils, pine oil, dirty rags or any other foreign matter.



**BCI - OXY 25**  
(25% Min Active Sodium Chlorite)

For use in the mechanical generation of chlorine dioxide as a disinfectant, sanitizer, or for microorganism control and as a chemical oxidant in aquatic systems.

ACTIVE INGREDIENT: Sodium Chlorite\* ..... 25%  
INERT INGREDIENTS: ..... 75%  
100%

\*AVAILABLE CHLORINE ..... 39%

CONTAINS 2.58 LBS. OF SODIUM CHLORITE  
PER GALLON AT 70°F

**KEEP OUT OF REACH  
OF CHILDREN**

**DANGER!**

**STATEMENT OF PRACTICAL TREATMENT**

If on Skin: Flush skin with cold water for at least 15 minutes. Call physician.  
If Swallowed: Give large amounts of water. Call a physician.  
If in Eyes: Flush with cold water for at least 15 minutes. Call a physician.

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONS

EPA Reg. No. 9804-I

EPA Est. 9804-OK-1

Gals. Net (

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**DIRECTIONS FOR USE**

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

**FEED REQUIREMENTS:** Feed rates of BCI-OXY 25 will depend on the severity of contamination and the degree of control desired. The exact dosage will depend on the size of the system and residual necessary for effective control. BCI-OXY 25 is typically diluted to prepare a 25% active aqueous solution for use in chlorine dioxide generators.

Some examples of industrial applications of chlorine dioxide include:

- Potable water disinfection and removals of sulfide.
- Control of bacterial slime and algae in industrial recirculating and one-pass cooling systems.
- Biocontrol in food processing flumes, water-using equipment, cooling water and recycled waters.
- Disinfection of sewage and plant wastes.
- Destruction of phenolics, simple cyanides and sulfides by chemical oxidation.
- Bacterial slime control in white water paper mill systems.
- Bacterial control in oil well and petroleum systems.
- Sanitizer and sanitizer rinse of surfaces, equipment and utensils.

Your BCI representative can guide you in the application techniques.

**METHOD OF FEED:** Large amounts of chlorine dioxide can be generated by these common methods:

1. the chlorine method which utilizes a Sodium Chlorite solution and chlorine gas, or
2. the hypochlorite method which utilizes a Sodium Chlorite solution, a hypochlorite solution and an acid.
3. the acidification method which utilizes Sodium Chlorite and an acid. Your BCI representative can guide you in the selection, installation and operation of feed systems.

**STORAGE AND DISPOSAL**

**STORAGE:** Do not contaminate water, food or feed by storage or disposal. Keep product in tightly closed container when not in use. Don't drop, roll or skid drum. Keep upright. Always replace cover. Store in a cool, dry well-ventilated area away from heat or open flame.

**EMERGENCY HANDLING:** In case of contamination or decomposition, do not reseal container. If possible, isolate container in open and well ventilated area. Flood with large volumes of water. If fire occurs, extinguish fire by applying large quantities of water. Any unopened drums near the fire should be cooled by spraying with water.

**PESTICIDE HANDLING:** 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 instructions, 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 container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.