

84398-1

10/12/2007

116



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

FILE COPY

Date of Issuance:
Number: 84398-1
OCT 12 2007

Term of Issuance:

Conditional

Name of Pesticide Product:

BI-OXIDE 7.5 K

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

CZL Acquisition LLC
P.O. Box 339
Calhoun, GA 30703

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 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 re-registration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Revise the "EPA Registration Number to read, "EPA Reg. No. 84398-1".

Signature of Approving Official:

Emily Mitchell
Emily Mitchell
Product Manager Team-32
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

OCT 12 2007

b. This product is a 100% repack of the first cited product. The Agency can only accept the uses on the proposed label that correlate with those on the primary cited product. Therefore, all uses from the alternate product have been removed.

c. Correct the typographical error under the 4th method of chlorine dioxide generation to read ". . . with sodium **chloride** as needed."

d. For Potable Water and Wastewater Disinfection must appear in header form.

e. The last sentence under the "For Potable Water and Wastewater Disinfection" section should read "For Wastewater and Sewage applications, residual chlorine dioxide concentrations up to 5.0 ppm are generally adequate."

3. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised 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.

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

Sincerely,



Emily Mitchell
Product Manager 32
Regulatory Branch II
Antimicrobials Division (7510C)

Enclosure: (Stamped Label)

3/6

BI-OXIDE 7.5 K

ACTIVE INGREDIENT:
 Sodium Chlorite 7.5%
 OTHER INGREDIENTS..... 92.5%
 TOTAL..... 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

- 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 immediately for treatment advice.
- 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 burning or irritation of the skin persists.
- If swallowed:**
 - Have person drink a glass of water immediately if able to swallow.
 - Call a poison control center or doctor immediately for treatment advice.
 - 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:**
 - Move person to fresh air and monitor for respiratory distress
 - If cough or difficulty in breathing develops, consult a physician immediately.
 - If person is not breathing, call 911 or an ambulance, then give artificial respiration.
 - Call poison control center or doctor for further treatment advice

For emergency information call: 800-733-3665 (24 Hours)

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

EPA Reg. No. 84398-XXX

EPA Est. No. 75435-GA-1

NET CONTENTS: _____ gal

_____ liters

Manufactured for:

**CZL Acquisition, LLC
 P.O. Box 339
 Calhoun, GA 30703**

**ACCEPTED
 with COMMENTS
 EPA Letter Dated:**

OCT 12 2007

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

84398-1

4/6

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER: CORROSIVE. CAUSES EYE AND SKIN DAMAGE. Harmful if swallowed. Irritating to nose and throat. Avoid breathing vapor. Do not get in eyes, on skin or clothing. Wear goggles or face shield, rubber gloves and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

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 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

DO NOT mix with acids or other chemicals except water. Mixing with acid or other chemicals may cause evolution of chlorine dioxide gas, which is poisonous and explosive. Do not let spilled solution evaporate to dryness. If resultant residue contacts oxidizable or combustible materials, the mixture is easily ignited by heat or friction. This results in a fiercely burning fire, or in a confined space, a possible explosion. Examples of such materials are cloth, paper, wood, sawdust, hydrocarbons such as greases, oils, and solvents, rubber, leather, plastics, and organic substances in general; also sulfur, sulfides, powdered metals, phosphorous and ammonium compounds.

EMERGENCY HANDLING

In case of contamination or decomposition, do not reseal container. Isolate in an open, well-ventilated location. Flood with large volumes of water.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Do not store this product with oxidizers, acids, reducing agents, or combustible materials. Store in a cool, dry well-ventilated location away from direct sunlight. Protect from freezing. Store upright and do not stack over two drums per pallet. A drum pump is recommended for transferring this material. Keep drums tightly closed when not in use. Store only in the original containers or approved storage containers and guard against cross-contamination with other pesticides, fertilizers, food and feed. Do not reuse containers.

Pesticide Disposal: Wastes resulting from 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 by state and local authorities.

Spills: In case of spills, dilute with large quantities of water and flush to a designated sewer in accordance with all applicable federal, state and local regulations. Alternatively, this product may be flushed to a collection basin or container for disposal. Comply with all applicable federal, state and local regulations regarding spill notification requirements.

DIRECTIONS FOR USE

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

BI-OXIDE 7.5 K is NOT for residential use.

NOTE: The addition of concentrated acids or mixtures of acids to undiluted BI-OXIDE 7.5 K can cause the evolution of chlorine dioxide gas, which may be poisonous or explosive at high concentrations. Do not allow the chlorine dioxide concentration in the pre-mix to exceed 1500 ppm. Measurement of chlorine dioxide concentrations may be made with a Hach DPD chlorine test kit or by amperometric titration. Always consult your local CZL representative for guidance and analytical procedures before performing any acid additions to BI-OXIDE 7.5 K.

•FOR USE IN THE MECHANICAL OR ELECTROLYTIC GENERATION OF CHLORINE DIOXIDE AS A DISINFECTANT, OR FOR MICROORGANISM CONTROL IN WATER AND WASTEWATER SYSTEMS:

BI-OXIDE 7.5 K may be used in the mechanical generation of chlorine dioxide for use in controlling microorganisms in water and wastewater systems. BI-OXIDE 7.5 K is fed to chlorine dioxide generation equipment, which produces an aqueous solution of chlorine dioxide by one of the following methods of generation:

- (1) The chlorine method, which uses BI-OXIDE 7.5 K and chlorine gas;
- (2) The hypochlorite method, which uses BI-OXIDE 7.5 K and a combination of hypochlorite solution, and an acid;
- (3) The acid-chlorite method, which uses BI-OXIDE 7.5 K and an acid as an activation agent or,
- (4) The electrolytic method which uses BI-OXIDE 7.5 K, with sodium chlorite added as needed.

A CZL representative can guide you in the selection and installation and operation of generation systems. Consult the instructions on the chlorine dioxide generation system before using BI-OXIDE 7.5 K.

Feed Requirements:

Feed rates of BI-OXIDE 7.5 K needed will depend upon the severity of contamination and the degree of control desired. The exact dosage will depend on the size of the system to be treated and the residual necessary for effective control. Depending on the generator type, BI-OXIDE 7.5 K may be diluted at the point of use to prepare a 3% to 7.5% active aqueous solution for use in chlorine dioxide generators.

In all cases, generated chlorine dioxide solution should be applied in such a manner to ensure adequate mixing and minimal volatilization. The water stream to be treated may either be passed directly through the chlorine dioxide generator or treated via side stream injection point. The generation system employed should be in good working order and capable of achieving chlorine dioxide solutions free from chlorine contamination.

Because of the variability of demand in water and process systems, the dosage of chlorine dioxide required to achieve the target residuals is normally lower for continuous fed systems, than for slug or timed field applications. The minimal acceptable residue for chlorine dioxide, as determined by a verified procedure, is 0.1 ppm for a minimum one minute contact time.

Residual determination procedures should be substantiated methods and should be also be specific for chlorine dioxide or used in systems where no chlorine contamination is possible. Do not add BI-OXIDE 7.5 K directly to process water.

Applications:

For potable water and wastewater disinfection. For most municipal and public potable water systems a chlorine dioxide residual concentration up to 2.0 ppm is sufficient to provide adequate disinfection. Residual disinfection and disinfection byproducts must be monitored as required by the National Primary Drinking Water Regulation (40 CFR Part 141) and state drinking water standards.

CONDITIONS OF SALE AND LIMITATION WARRANTY AND LIABILITY

Read the entire Directions for Use and Conditions of Sale and Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product once, unopened and unused, and the purchase price will be refunded. The Directions of Use must be followed carefully. Damage, ineffectiveness or other unintended consequences or the manner of the use or application and presence of other materials or other influencing factors are beyond the control of CZL Acquisition, LLC or the Seller. All such risks shall be assumed by the Buyer and User, and the Buyer and User agree to hold CZL Acquisition, LLC and the Seller harmless for any claims related to such factors.

6/6

To the extent consistent with applicable law, CZL Acquisition, LLC warrants that this product conforms to the chemical description of the label and is a reasonable fit for the purposes referred to in the Direction for Use, subject to inherent risks, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to or beyond the control of the Seller of CZL Acquisitions, LLC, and the Buyer and the User assume the risk of any such use. CZL Acquisitions, LLC makes no other express or implied warranty of fitness or of merchantability or any other express or implied warranty except as warranted by this label.

To the extent consistent with applicable law, CZL Acquisition, LLC or the Seller shall not be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. To the extent of applicable law, the exclusive remedy of the user or buyer, and the exclusive liability for CZL Acquisition, LLC or the Seller for any and all claims, losses, injuries, or damages (including claims based on breach or warranty, contract, negligence, tort, strict liability, or otherwise) resulting from the use of the product or, at the election of CZL Acquisition, LLC of the Seller, shall not exceed the replacement value of the product. CZL Acquisition, LLC or the Seller's total liability shall be for damages not exceeding the cost of the product.

CZL Acquisition, LLC and the Seller offer this product, and the Buyer and the User accept it, subject to the forgoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of CZL Acquisition, LLC.