

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 5 1997

International Dioxide Inc.
136 Central Ave.
Clark, NJ 07066

Attention: Mr. Thomas M. Dwyer
President

Subject: Carnebon 200/Anthium 200
EPA Registration Number 9150-3
Your Amendment Dated May 22, 1996

The supporting efficacy data to include additional claims - Dental Pumice Disinfectant and revised labeling per our letter dated July 18, 1995 have completed review.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable stamp. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

The submitted data is adequate to support the product as a disinfectant for pumice slurry in dental laboratories for a period of at least seven (7) days of reuse. However, no MRID number was assigned to the submitted data report. Please re-submit your study and refer to the enclosed PR Notice 86-5 and route it to the Document Processing Desk for further processing of a assigned MRID number within (60) days. This must be done for us to maintain a record of this data.

If you have any questions about these comments, please contact LaVerne Dobbins at (703) 308-6378.

Sincerely,

Robert S. Brennis
Acting Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7504C)

Enclosure:

CONCURRENCES

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes or clothing.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention.

If In Eyes: Flush with plenty of water for 15 minutes. Get medical attention.

If On Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARD

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

CHEMICAL AND PHYSICAL HAZARDS

Stabilized Chlorine Dioxide is a strong oxidizing agent. Contamination with other materials such as acids, toxic chlorine, organic chemicals, etc., may cause a chemical reaction, resulting in evolution of chlorine dioxide gases and heat. Explosion and/or fire could result. Chlorine dioxide is a poisonous explosive gas. Keep all chemical and foreign materials away from this solution.

STORAGE AND DISPOSAL

Do not store with easily oxidizable materials, acids, reducers and combustible material. Avoid heat or freezing conditions. Store upright and do not stack drums over 2 high on pallets or partially filled drums. Use of a drum pump is suggested. Keep drum tightly closed when not withdrawing liquid. In case of spills, dilute with large quantities of water. Do not allow liquid to dry because this could present a fire hazard. Store only in the original container and take care to prevent cross contamination with other pesticides, fertilizer, food and feed.

EMERGENCY HANDLING: In case of contamination or decomposition, do not reseal container. Isolate in an open, well ventilated area. Flood with large volumes of water. Cool unopened drums in vicinity by water spray.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or 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). 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.

NOTICE: Seller expressly warrants that the product conforms to its chemical description. There are no warranties associated with the sale of this product either express or implied, including but not limited to the warranties of fitness for a particular purpose or use.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Before using this product in the generation of chlorine dioxide for biological control in

DENTAL PUMICE SLURRIES,
see product data.

PRODUCT DATA - CARNEBON 200

CARNEBON 200®

2% AQUEOUS STABILIZED CHLORINE DIOXIDE

FOR INSTITUTIONAL OR INDUSTRIAL USE ONLY

REC'D EPA/OP/P/DPD2
96 JUN -7 A9:03
2%
98%
100%

Active Ingredients:

Chlorine Dioxide:	2%
Inert Ingredients:	98%
	<hr/> 100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

E.P.A. REG. NO. 9150-3

E.P.A. EST. NO. 9150-RI-01

NET WT. _____ lbs.

ACCEPTED

with **COMMENTS**

in EPA Letter Dated:

MAY 5 1997

Under the Federal Insecticide,

Fungicide, and Rodenticide Act as

amended, for the pesticide

registered under EPA Reg. No.

9150-3



INTERNATIONAL DIOXIDE INC.
CLARK, N.J. 07066

For use in Dental Offices and Laboratories as a dental pumice disinfectant.

Directions for Use:

1. Prepare solution in a well ventilated area. To make one (1) liter of solution, pour 25.0 ml (approximately 1.0 fl. oz.) of Anthium 200 or Carnebon 200 concentrate into a clean glass or plastic container. To this, add 2 ½ grams (½ teaspoon) of citric acid crystals (included) and mix slightly, allowing 5 minutes reaction time and for crystals to dissolve completely. Avoid breathing any fumes which may be produced during activation. Once solution has yellowed, dilute to one (1) liter with clean potable water, for a working solution of 500 ppm available ClO₂.
2. To apply: The working solution can be conveniently contained in a one (1) liter plastic "squeeze" bottle for up to five days. Apply to dry pumice powder exactly as water to produce the pumice slurry. Apply additional working solution as needed to reconstitute dried out slurry to appropriate viscosity. Anthium 200 or Carnebon 200 will keep pumice slurry thoroughly disinfected. New Anthium 200 or Carnebon 200 solution should be made up fresh, preferably on Monday, and discarded on Friday or 5 days after preparation.