

49620-7

09-06-2011

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SEP - 6 2011

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Diana Graham, Ph.D.
Agent for Eka Chemicals, Inc.
Keller and Heckman LLP
3 Embarcadero Center
Suite 450
San Francisco, CA 94111

Subject: Eka SC BC 100
EPA Reg. No. 49620-7
Application Dated: August 10, 2011
Receipt Date: August 10, 2011

Dear Dr. Graham:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below.

Proposed Amendment:

- Label Amendment

Conditions:

Revise the statement "...chlorine dioxide may be applied in an intermittent..." to read "...chlorine dioxide must be applied in an intermittent..." per Agency letter dated 09/29/2010.

General Comments:

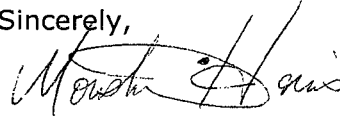
A stamped copy of the accepted labeling is enclosed. Submit 1 copy of your final printed label before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact me at harris.monisha@epa.gov or call (703) 308-0410.

CONCURRENCES

SYMBOL	SURNAME	DATE						

Sincerely,



Monisha Harris
Product Manager (32)
Regulatory Management Branch II
Antimicrobials Division (7510P)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

EKA SC BC 100

A PRECURSOR CHEMICAL FOR USE IN PREPARATION OF SOLUTIONS FOR
CHLORINE DIOXIDE GENERATORS

- FOR INDUSTRIAL USE -

ACTIVE INGREDIENT:
Sodium Chlorate (NaClO₃) 99.0%
OTHER INGREDIENTS:..... 1.0%
TOTAL..... 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
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 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 SWALLOWED	Call a poison control center or doctor immediately for treatment advice. Have 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.
IF INHALED	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment
Emergency Number: 1-800-227-5301 or 1-800-424-9300	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wear protective gloves, plastic or rubber. Wear plastic or rubber safety toed boots. Wash exposed skin with soap and water. Leather and cloth impregnated with sodium chlorate are highly flammable and easily ignited with minor friction. When contact is likely wear a PVC or rubber rainsuit and wash down rainsuit after each use. Change clothing when contaminated and wash on-site. Do not allow contaminated clothing to dry before washing clothing on-site. Wear protective eyewear (goggles or face shield).

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.

CHEMICAL HAZARDS

EKA SC BC 100 is a strong oxidizing agent. Do not contaminate with dirt, oils or organic matter of any sort. Contamination **may cause violent chemical reactions, fire and explosion**. Clean up all chemical spills immediately. Allowing spills to dry or concentrate may cause spontaneous combustion. In case of chemical spills, avoid bodily contact and wear appropriate protective equipment.

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Change clothing when contaminated and wash on-site.

- Do not allow contaminated clothing to dry before washing clothing on-site.
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.
- User must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- User must remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Do not allow contaminated clothing to dry before washing clothing on-site.
- User must remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ACCEPTED BY EKA CHEMICALS, INC.
with COMMENTS West Oak Commons Court
in EPA Letter Dated, GA 30062-2254
SEP - 6 2011

EPA Reg. No. 49620-7
EPA Est. No. 49620-MS-1

Net Contents ___ Pounds

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
amended, for the pesticide,
registered under EPA Reg. No. 49620-7

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DIRECTIONS FOR USE

General Directions:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Only for formulation as an antimicrobial for the following uses:

EKA SC BC 100 is for manufacturing use for preparation of solutions for use in chlorine dioxide generators. Solution concentrations and solution feed rates are determined by the generator based on input provided by the operator to achieve the desired production rate for chlorine dioxide. As described below, the appropriate production rate will depend on the severity of contamination, the degree of control desired, the size of the system and residual chlorine dioxide necessary for effective control. For all uses, the point of feed of chlorine dioxide must be below the water level to prevent volatilization of the chlorine dioxide. Chlorine dioxide must be added to the water stream at a point where adequate mixing and uniform distribution can occur.

Pulp and paper process water for food-contact and nonfood-contact paper: To control microorganisms that form slime in paper process water and that cause blockages of paper mill equipment, and to oxidize slime buildup already present, chlorine dioxide may be applied in an intermittent or continuous dose. Whether applied in an intermittent or continuous dose, the residual concentration must be maintained at 0.1 - 5.0 ppm of chlorine dioxide in the paper process water. If the system is badly fouled, it must be cleaned prior to treatment with chlorine dioxide. When used to pre-treat make-up water entering the paper process stream, the rate of application is dependent on the quality of the incoming water. If using a continuous feed, maintain residual chlorine dioxide concentrations between 0.1 - 1.0 ppm. If using intermittent feed, maintain a residual concentration of 0.1 - 5.0 ppm. For food contact paper, application rates must not exceed 5 ppm in the process water.

Storage and Disposal

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

Pesticide Storage: Store in a cool, dry and fireproof area away from heat sources including friction and impact. Store separate from all other materials, including organic substances, strong acids, phosphorous, sulfur, sulfides, powdered metals, ammonium salts, arsenic, copper, zinc, aluminum, manganese dioxide, potassium cyanide, thiocyanates, expanded plastics such as polystyrene and polyurethane. Drums: Store no more than two high. Store on gravel or crushed stone. Avoid storing on an asphalt-paved area. Bulk: Store in properly designed tank or original container.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of by use according to the label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Handling: Nonrefillable container. Do not reuse or refill this container. BAGS - Completely empty bags into formulation equipment by shaking and tapping sides and bottom to loosen clinging particles. The bag is hazardous waste and must be disposed in accordance with local, state and federal regulations. DRUMS WITH LINERS: Completely empty liner into formulation equipment by shaking and tapping sides and bottom to loosen clinging particles. The liner is hazardous waste and must be disposed in accordance with local, state and federal regulations. Offer for drum recycling if available or dispose of drum in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances.

WARRANTY

EKA CHEMICALS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the pesticide label.