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

EPA United States Environmental Protection Agency Office of Pesticide Programs

June 16, 2008

Rose Bedwell
Occidental Chemical Corporation
P.O. Box 809050
Dallas, TX 75380-9050

Subject: AKTA KLOR 7.5
EPA Registration No. 21164-9
Submission Dated: March 31, 2008
Receipt Date: April 2, 2008

Dear Ms. Bedwell:

The following amendment submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended to revise the chemical hazard statement, is acceptable.

General Comments

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

Should you have any questions or comments concerning this letter, please call Wanda Henson at (703) 308-6345.

Sincerely,

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

AKTA KLOR 7.5

CHLORINE DIOXIDE PRECURSOR FOR MICROBIAL CONTROL IN WATER AND WASTEWATER

ACTIVE INGREDIENTS:	
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 a 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 to treatment.

NOTE TO PHYSICIAN:
Probable mucosal damage may contraindicate the use of gastric lavage.

EPA Reg. No. 21164-9

EPA Est. No. 5382-KS-01
EPA Est. No. 70547-IL-01

NET CONTENTS: _____ gal. (_____ liters)

MANUFACTURED BY:

Occidental Chemical Corporation
P. O. Box 809050
Dallas, TX 75380-9050

CHEMTREC EMERGENCY NO: 1-800-424-9300

ACCEPTED JUN 16 2008 Under the Federal Insecticide, Fungicide, and Rodenticide, Act as amended, for the pesticide, registered under EPA Reg. No.

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.

CHEMICAL HAZARDS

Dry sodium chlorite is a strong oxidizing agent. This product becomes a fire or explosive hazard if allowed to dry. Mix only into water. Contamination may start a chemical reaction with evolution 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.

DIRECTIONS FOR USE

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

Directions for Use in the Mechanical or Electrolytic Generation of Chlorine Dioxide as a Disinfectant, or for Microorganism Control in Water and Wastewater Systems

AKTA KLOR 7.5 may be used in the mechanical generation of chlorine dioxide for use in controlling microorganisms in water and wastewater systems. AKTA KLOR 7.5 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 AKTA KLOR 7.5 and chlorine gas;
(2) The hypochlorite method, which uses AKTA KLOR 7.5 and a combination of a hypochlorite solution, and an acid;
(3) The acid-chlorite method, which uses AKTA KLOR 7.5 and an acid as the activating agent; or,
(4) The electrolytic method which uses AKTA KLOR 7.5, with sodium chloride added as needed.

Your Occidental Chemical Corporation representative can guide you in the selection, installation and operation of generation systems. Consult the instructions on the chlorine dioxide generation system before using AKTA KLOR 7.5.

FEED REQUIREMENTS

Feed rates of AKTA KLOR 7.5 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. Depending on the generator type, AKTA KLOR 7.5 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 feed systems than for slug or timed feed applications. The minimum acceptable residual for chlorine dioxide, as determined by a verified procedure, is 0.1 ppm for a minimum one minute contact time.

Residual determination procedures sho
for chlorine dioxide or used in systems
AKTA KLOR 7.5 directly to process wa

POTABLE WATER AND WASTEWATE
water systems a chlorine dioxide resic
adequate disinfection. Residual disinfe
required by the National Primary Drir
drinking water standards. For wastew
concentrations up to 5.0 ppm are gene

FOOD PROCESSING PLANTS, DAI
microbial control in typical food proces
systems, hydrocoolers, beverage and b
7.5 through a chlorine dioxide gene
concentration ranging from 0.25 to 5.0

Water, containing up to 3 ppm residu
vegetables that are not raw agricultur
Treatment of the fruits and vegetables
rinse, or by blanching, cooking or canni

POULTRY PROCESSING WATER: Us
an antimicrobial agent in water used ir
residual chlorine dioxide as determined
173.300.

AQUEOUS DISINFECTION SYSTEMS
dioxide generated from AKTA KLOR 7.
treatment. Care should be taken to e
water.

GENERAL INDUSTRIAL PROCESS W
WHITE WATER PAPER MILL SYSTE
control of microbial slime, these syster
ranging between 0.25 and 5.0 ppm. The
will vary widely depending on the exact

STORAG

DO NOT CONTAMINATE WATER, FO

Storage: Store this product in a cool,
deterioration. In case of spill, flood the

Pesticide Wastes: Pesticide wastes
pesticide, spray mixture, or rinsate is
disposed of by use according to
Environmental Control Agency, or the
Regional Office for guidance.

Container Disposal: Triple rinse (or
reconditioning, or puncture and dispo
approved by state and local authorities

Label: M47032 (6700) OC_US_