

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

September 19, 2005

Donna Mondimore
Manager, Regulatory Activities
Arkema Inc.
2000 Market Street
Philadelphia, PA 19103

Subject: Sodium Chlorite Solution 25%
EPA Registration No. 55050-2
Application Date: August 25, 2005
Receipt Date: August 25, 2005

Dear Ms. Mondimore:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

Proposed Notification

- change of company name to "Arkema" on label

General Comments

Based on a review of the material submitted, the following comments apply:

The notification application is acceptable and a copy has been inserted in your file for future reference.

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

Sincerely,

Wanda Y. Henson
Product Reviewer (32)
Regulatory Management Branch II
Antimicrobials Division (7510C)

CONCURRENCES							
SYMBOL	7510C	7510C					
JRNAME	E. Berg	Henson					
DATE	9/19/05	9-19-05					



SODIUM CHLORITE 25%

PRECAUTIONARY STATEMENTS

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

FIRST AID

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 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 SWALLOWED: Call 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

Active ingredient: Sodium Chlorite...25%
Inert ingredient: Water75%
Total:.....100%

KEEP OUT OF REACH OF CHILDREN

DANGER

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 mechanical generation of Chlorine Dioxide for

control of biological organisms in paper mills, food processing flumes, water treatment equipment, consult the generator manual for feed rates and other operating parameters.

STORAGE AND DISPOSAL

STORAGE: Store upright in cool, dry and well ventilated place. Avoid excessive heat or freezing. Protect from contact with other chemicals; avoid storage with organic chemical acids, reducers and combustible material. Keep container tightly closed when not in use. In case of spills, flush and drain promptly to sewer with large quantities of water. Do not allow liquid to dry out because

this could present a fire hazard. If fire occurs, extinguish with large volume of water.

TREATMENT OF WATER

SODIUM CHLORITE IS A PRECURSOR OF CHLORINE DIOXIDE.

CHLORINE DIOXIDE IS GENERATED FROM AQUEOUS SOLUTION OF SODIUM CHLORITE AND HYDROCHLORIC ACID OR CHLORINE.

THE CHLORINE DIOXIDE SOLUTION IS USED IN THE TREATMENT OF DRINKING WATER, INDUSTRIAL AND WASTE WATERS. THE USES OF CHLORINE DIOXIDE ARE:

- ELIMINATION OF AQUATIC ORGANIC MATERIALS,
- DISINFECTION OF DRINKING WATER,
- ELIMINATION OF PHENOLIC TASTES AND COLOR

(1-2 g of ClO2 by gram of Phenol),

- IRON AND MANGANESE REMOVAL,
- BACTERICIDAL AND VIRUCIDAL EFFECTS:

THE CHLORINE DIOXIDE HAS A GREAT REMAINING OXIDIZING POWER.

- ANTI-FOULING AGENT.

THE USUAL RATIO OF TREATMENT OF DRINKING WATER IS ABOUT

0.2 TO 0.5 mg BY LITER OF WATER TO BE TREATED.

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 by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke:

ENVIRONMENTAL HAZARD

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 Pollution 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 AND PHYSICAL HAZARDS

DANGER: Sodium Chlorite is an oxidizing agent. Contamination with other materials such as acids, Chlorine, organic chemicals, etc., may cause a chemical reaction, resulting in evolution of Chlorine Dioxide 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.

NOTICE: THERE ARE NO WARRANTIES ASSOCIATED WITH THE SALE OF THIS PRODUCT, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR USE, OR WARRANTY OF MERCHANTABILITY.



EPA Registration No: 55050-2
EPA Establishment No: 55050-FR-1

ARKEMA INC.
2000 MARKET STREET
PHILADELPHIA, PA 19103
800-346-5757

**CHLORITE SOLUTION, UN
1908**

NET CONTENTS: GALLONS

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