

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

November 30, 2005

Georgia Anastasiou  
Lewis & Harrison  
122 C Street, NW  
Suite 740  
Washington, DC 20001

Subject: Altivia Corporation  
Chlorine  
EPA Registration No. 70264-1  
Application Date: September 7, 2005  
Receipt Date: September 9, 2005

Dear Ms. Anastasiou:

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

1. Remove the phrase "...if the chlorine concentration is unknown or exceeds 10 ppm" from the **IN CASE OF LEAK** section of the label.
2. Identify the specific breathing apparatuses (MSHA/NIOSH approval number prefixes TC-14G and TC-13F) under the "IN CASE OF LEAK" section.
3. Revise the first sentence of ENVIRONMENTAL HAZARDS statement to read "This product is toxic to fish and aquatic invertebrates."

**General Comments**

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

CONCURRENCES							
SYMBOL	7570C						
SURNAME	Hanson						
DATE	11-30-05						

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)

# CHLORINE

## LIQUEFIED GAS UNDER PRESSURE

### NONFLAMMABLE

For use as a disinfectant and/ or algicide by experienced personnel only, in municipal water supplies sewage and waste management plants, and in commercial and industrial swimming pools; as slimeicide in water cooling systems and in paper mills; and in repackaging into portable cylinders. Repackagers must obtain their own registration from the Environmental Protection Agency.

ACTIVE INGREDIENTS: Chlorine..... 99.9%

OTHER INGREDIENTS:.....

KEEP OUT OF REACH OF CHILDREN

DANGER



POISON

FATAL IF INHALED. LIQUID CAUSES SEVERE BURNS

If inhaled:	• Move person to fresh air.
	• 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.
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.

For 24 hour Emergency Information call CHEMTREC: 800-424-9300  
Have the product container or label with you when calling a poison control center or doctor or going for treatment.

#### NOTE TO PHYSICIAN

Development of pulmonary edema may be delayed 48-72 hours.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS & DOMESTIC ANIMALS

**DANGER:** Fatal if inhaled or absorbed through the skin. Corrosive. Causes irreversible eye damage and skin burns. Do not breathe vapors or get in eyes, on skin or clothing. Wear goggles, protective clothing and rubber gloves as discussed below. Wash hands thoroughly with soap and water after handling and before eating drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse. Prolonged frequently repeated skin contact may cause allergic reactions in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT:** Applicators and other handlers must wear long-sleeved shirts, long pants, shoes and socks. Under normal use conditions, no protective eyewear or gloves are required.

**IN CASE OF LEAK:** Handlers must wear chemical resistant, water-proof, insulated gloves (such as nitrile or butyl), rubber boots and full face respirator approved for chlorine or self-contained breathing apparatus if the chlorine concentration is unknown or exceeds 10 ppm. Since there is always a possibility of a leak, proper gloves and respirators must be available.

#### ENVIRONMENTAL HAZARDS

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 Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to the 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

Chlorine is a nonflammable gas. In the container it is a liquefied gas under pressure. Do not drop container. Keep away from intense heat or open sunlight. Corrosive to most metals in the presence of moisture. Chlorine is an oxidizer and should not be stored near flammable materials.

#### DIRECTIONS FOR USE

##### GENERAL CLASSIFICATION

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Have available gas masks approved by the Mine Safety and Health Administration or the National Institute of Occupational Safety and Health. Handle and use only in accordance with practice recommended in the Chlorine Manual published by the Chlorine Institute, Inc. Use only in well ventilated areas.

Only specifically designed dispensing equipment should be used in accordance with manufacture's instructions and according to state regulatory agency recommendations for dosages or residual chlorine levels which should be maintained for each specific site of application.

#### STORAGE & DISPOSAL

**HANDLING AND STORAGE:** Provide special training to workers handling chlorine. Keep containers away from heat or fire. Do not store in direct sunlight. Protect from physical damage. Do not drop containers. All storage containers must have a weather resistant label attached near the outlet valve and must not be accessible to the general public.

**IN THE EVENT OF FIRE:** Remove chlorine containers from fire zone. Use water to keep containers cool which cannot be moved, but do not use water on the source of a chlorine leak. Use water spray to direct chlorine away from persons effecting shut-off. Wear full protective clothing and self-contained breathing apparatus.

**DISPOSAL:** Empty cylinders should be properly identified with return tags and returned to the supplier according to DOT regulations. All valves must be closed tight and closures or caps secured. It is illegal to ship a leaking chlorine container. Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

EPA Reg. No. 70264-1

☐ EPA Est. No. 70411-TX-01 : : :  
☐ EPA Est. No. 70411-LA-01 : : :

Net Wt.: \_\_\_\_\_

Batch No: \_\_\_\_\_

PACKAGED BY



ALTIVIA

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Houston, TX 77002  
1-866-ALTIVIA, www.altivia.com

A1064-08/05