

December 24, 2003

James C. Zatorski  
Alexander Chemical Corporation  
P.O. Box 1747  
LaPorte, IN 46352

Subject: Chlorine  
EPA Registration No. 7151-4  
Application Date: September 30, 2003  
Receipt Date: October 7, 2003

Dear Mr. Zatorski:

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:

- Revised label per PR Notice 2001-1

**Conditions**

- Revise the Ingredient statement as follows:

Active Ingredient:  
 Chlorine ..... 99.5%  
 Other Ingredients ..... 0.5%  
 Total ..... 100.0%

- The statement "FATAL IF INHALED. LIQUID CAUSES SEVERE BURNS" must be added under the signal word.
- Revise the First Aid Statement to include "Have the product container or label with you when calling a poison control center or doctor or going for treatment."

CONCURRENCES

SYMBOL	7510C							
SURNAME	Mitchell							
DATE	12-24-03							

4. *The Precautionary Statement should read:*

**HAZARDS TO HUMAN AND 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.*

**General Comments**

*A stamped copy of the labeling accepted with conditions is enclosed. Submit a 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 contact Wanda Mitchell at (703) 308-6345.*

*Sincerely,*



*Robert S. Brennis  
Product Manager - Team 32  
Regulatory Management Branch II  
Antimicrobials Division (7510C)*

**CHLORINE**  
LIQUEFIED GAS UNDER PRESSURE  
Non-Flammable  
UN 1017

FOR USE AS A DISINFECTANT, by experienced personnel only, in municipal water supplies, sewage and waste management plants, and industrial and commercial swimming pools, in accordance with applicable local, state and federal regulations.

ACTIVE INGREDIENT:  
Chlorine ..... 99.5%  
INERT INGREDIENTS ..... 0.5%

KEEP OUT OF REACH OF CHILDREN

**DANGER**  **POISON**

FIRST AID	
If inhaled	<ul style="list-style-type: none"> <li>Remove to fresh air and get medical attention immediately</li> <li>If not breathing, give artificial respiration</li> <li>If breathing is difficult, oxygen should be administered by qualified personnel</li> </ul>
If on skin or clothing (contact with chlorine liquid or gaseous chlorine)	<ul style="list-style-type: none"> <li>Immediately flush skin with plenty of water for at least 30 minutes while removing contaminated clothing and shoes</li> <li>Get medical attention immediately</li> <li>Wash clothing before reuse. Destroy contaminated shoes.</li> </ul>
If in eyes	<ul style="list-style-type: none"> <li>Immediately flush eyes with plenty of water for at least 30 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes then continue rinsing eyes</li> <li>Get medical attention immediately</li> </ul>
NOTE TO PHYSICIAN	
Symptoms may become more severe up to 36 hours after exposure including pulmonary edema.	

**PHYSICAL OR CHEMICAL HAZARDS**  
Chlorine is a non-flammable gas, liquefied under pressure. Do not use or store near heat. Do not expose to temperatures above 130°F. Do not drop, puncture or incinerate container. Corrosive to most metal in the presence of moisture.

\* Meets AWWA B301

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
May be fatal if inhaled. Do not breathe air containing this gas. Do not get in eyes, on skin, on clothing. Corrosive to eyes, skin and mucous membranes in presence of moisture. Use NIOSH/MSHA approved respirator and local exhaust ventilation when vapor may be generated. Wear goggles, face shield and rubber gloves when handling.

**ENVIRONMENTAL HAZARDS**  
This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or 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.

**DIRECTION 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 U.S. Bureau of Mines or the National Institute for Occupational Safety and Health. Handle and use only in accordance with practice recommended in the Chlorine Manual published by the Chlorine Institute, Inc., Washington, D.C. Use only in well ventilated areas. Only specifically designed dispensing equipment should be used in accordance with manufacturer'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 AND DISPOSAL**  
Chlorine containers are designed for reuse and must be returned with the valve protection hood to the supplier. Do not store in direct sunlight. Containers must not be stored where they will be exposed to temperatures warmer than 130°F. Do not drop or puncture container.

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 instructions, contact your State Pesticide or Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Do not contaminate food or animal feed by storage or disposal.

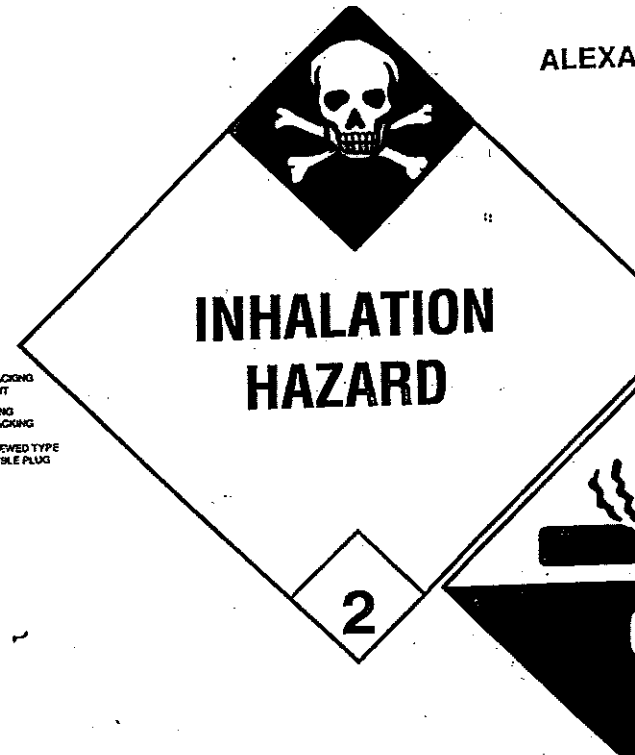
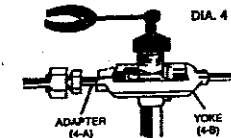
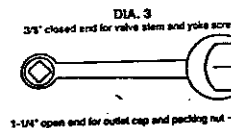
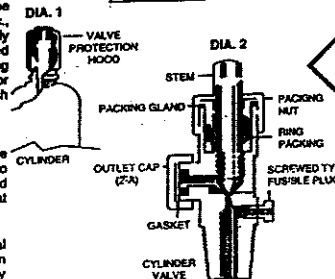
Repackaged by:  
**Alexander Chemical Corporation**  
Kingsbury Industrial Park, First Road  
Kingsbury, IN 46345  
(219) 393-5558

EPA Reg. No. 7151-4  
EPA Est. 7151-IN-001

NET WEIGHT: 150 lbs

USING CHLORINE  
IN CYLINDERS  
(SEE Diagrams 1-4)

**CONNECTING AND DISCONNECTING**  
Use 500 psig copper tubing fitted with special adapter (4-A) to connect containers to piping system. To connect line to container, remove valve protection hood (1) and valve outlet cap (2-A). Then use wrench (3) shown to attach tubing to valve with yoke (4-B). Use new gasket supplied with cylinder each time connection is made. Make sure connections are tight. Check for leaks with ammonia vapor. Appearance of white vapor indicates a Chlorine leak. Never use standard pipe fittings.



**FOR EMERGENCY ASSISTANCE,  
CALL CHEMTREC: 800/424-9300**  
**DO NOT REMOVE THIS LABEL**

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

DEC 24 2003

Under the Federal Insecticide,  
Fungicide and Rodenticide Act as  
amended for the pesticide,  
registered under EPA Reg. No. 71