

50956-6

3/26/2010

1 of 4

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



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

MAR 26 2010

Georgia Anastasiou  
Agent for ERCO Worldwide  
C/o Lewis & Harrison, LLC  
122 C Street NW. Ste. 740  
Washington, DC 20001

**FILE COPY**

Subject: Chlorine  
EPA Registration No. 50956-6  
Application Date: February 24, 2010  
Receipt Date: February 24, 2010

Dear Ms. Anastasiou:

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

**Proposed Notification**

- Update "Storage and Disposal" language per PR Notice 2007-4

**General Comments**

Based on a review of the material submitted, the following comment applies:

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 [Henson.Wanda@epa.gov](mailto:Henson.Wanda@epa.gov) or call (703) 308-6345.

Sincerely,

Wanda Y. Henson  
Acting Product Manager (32)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060, Approval expires 05-31-98



EPA

United States  
Environmental Protection Agency  
Washington, DC 20460

- Registration
- Amendment
- Other:

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 50956-6	2. EPA Product Manager Wanda Henson	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Chlorine	PM# Team 32	
5. Name and Address of Applicant (Include ZIP Code) ERCO Worldwide 302 The East Mall, Suite 200 Toronto, Ontario M9B 6C7 <b><u>PLEASE SEND ALL CORRESPONDENCE TO</u></b> <b><u>"CONTACT POINT" LISTED BELOW</u></b> <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(l), my product is similar or identical in composition and labeling to: EPA Reg. No.  Product Name	

Section - II

- Amendment - Explain below.
- Resubmission in response to Agency letter dated \_\_\_\_\_
- Notification - Explain below.
- Final printed labels in response to Agency letter dated \_\_\_\_\_
- "Me Too" Application
- Other - Explain below

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Please See Cover Letter for Details

This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C Sec. 1001 to willfully make any false statements to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§156.10, 156.140, 156.144, 156.146 and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic lined rail cars and trucks <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)		
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Georgia Anastasiou, Lewis & Harrison, LLC, 122 C Street NW, Ste. 740, Washington, DC 20001	Title Agent for ERCO Worldwide	Telephone No. (Include Area Code) 202-333-3903 x.19
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped) 
2. Signature <i>Georgia Anastasiou</i>	3. Title Agent for ERCO Worldwide	
4. Typed Name Georgia Anastasiou	5. Date February 24, 2010	



# CHLORINE

## LIQUEFIED GAS UNDER PRESSURE

For Manufacturing Use Only

### ACTIVE INGREDIENT:

Chlorine..... 99.5%  
Other Ingredients..... 0.5%  
TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN



**DANGER**  
**POISON**



**FATAL IF INHALED.**  
**LIQUID CAUSES SEVERE BURNS.**

EPA Reg. No.: 50956-6

EPA Est. No.: 50956-CN-01 53345-WI-001

(See container for actual establishment number)

Manufactured by:  
ERCO Worldwide  
302 The East Mall, Suite 200  
Toronto, Ontario M9B 6C7  
CANADA

Net Contents: 90 Ton Rail Car

## PRECAUTIONARY STATEMENTS

### FIRST AID

**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 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 ON SKIN OR CLOTHING:** Remove 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.

IN THE EVENT OF A MEDICAL EMERGENCY CALL:  
Canada 1-877-800-5553 or U.S. 1-866-855-6947

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

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

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Fatal if inhaled or absorbed through 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 described 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 or frequently repeated skin contact may cause allergic reactions in some individuals.

## PERSONAL PROTECTIVE EQUIPMENT

Handlers must wear long-sleeved shirts, long pants, shoes and socks.

**In Case of Spill or Leakage:** Under normal use conditions, no protective eyewear, respirator or gloves are required. However, in case of a spill or leak, handlers must wear chemical-resistant gloves (such as nitrile or butyl) and a full-face canister-style (gas mask) respirator with a canister approved for chlorine (MSHA/NIOSH approval number prefix TC-14G) OR a self-contained breathing apparatus (SCBA) (MSHA/NIOSH approval number prefix TC-13F). Since there is always the possibility of a spill or leak, gloves and a respirator of the type specified above must be available and are required for anyone entering into an affected area in the event of a leak or spill.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic or highly toxic to fish and aquatic invertebrates. 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 sewer 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.

## PHYSICAL OR CHEMICAL HAZARDS

Chlorine is a non-flammable gas, liquefied, under pressure. Do not drop container. Keep away from intense heat or open sunlight. Corrosive to most metals in presence of moisture.

## DIRECTIONS FOR USE

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

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.

Have available gas masks approved for chlorine service 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., Arlington, VA. Use only in well ventilated areas.

For use by trained personnel from large stationary containers such as tank cars, tank trucks, 1-ton and 150-pound cylinders as a disinfectant, algaecide, and/or slimeicide in municipal water treatment plants, sewage plants, industrial/commercial cooling systems, paper mills, and/or industrial/commercial swimming pools. This product cannot be transferred to portable cylinders and used under the registration number. Pool service operators who service swimming pools with portable cylinders must obtain their own registration with the EPA. Servicing swimming pools from portable cylinders requires a separate registration.

For further information see Chlorine Institute's Product Safety Information Sheet on Chlorine.

## STORAGE & DISPOSAL

### Storage:

Store cylinders and ton containers in a dry area away from sources of heat and protected from direct sunlight and precipitation. Do not store in excessive heat. Segregate chlorine containers from other compressed gasses, and never store near hydrocarbons, finely divided metals, turpentine, ether, anhydrous ammonia, or other flammable materials. All storage containers and cylinders must have a weather resistant label and must not be accessible to the general public. Do not drop container. If container is damaged or leaking, refer to procedures in the CHLORINE MANUAL published by the Chlorine Institute, Inc., Arlington, VA and/or notify supplier immediately. 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.

### Leak Procedures:

Make daily inspections for leaks. Stop leak at once, since it will become worse with time. In case of a leak, evacuate everyone from the immediate area. For entry into affected area to correct problem, wear personal protective equipment (including prescribed respirators) specified in the Hazards to Humans section of this labeling. When possible, move leaking or damaged cylinders outdoors or to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow any liquid chlorine to evaporate. Only correctly trained and Personal Protective Equipment (PPE) equipped handlers are permitted to perform such cleanup. Do not permit entry into the leak area by any other person until the chlorine has completely dispersed.

### Disposal of Container:

Container is returnable and must be properly identified with return tag and returned as promptly as possible to supplier according to prescribed instructions and practices in the CHLORINE MANUAL published by the Chlorine Institute, Inc., Arlington, VA. All valves must be closed tight and closures or caps secured. It is illegal to ship a leaking chlorine container.

## NOTIFICATION

Date Reviewed: 5/26/10  
Reviewed By: W. H. H. H.

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