

148-707

08/20/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

AUG 20 2009

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Kathi Lawrence
Harcros Chemicals, Inc.
5200 Speaker Road
PO Box 2930
Kansas City, KS 66106-1095

FILE COPY

Subject: Liquid Chlorine
EPA Registration No. 148-707
Application Date: July 24, 2009
Receipt Date: July 28, 2009

Dear Ms. Lawrence:

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

Proposed Notification:

Revision to Storage and Disposal Statement per PR Notice 2007-4

General Comments:

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

1. Please note that the handwritten proposed Storage and Disposal language must be incorporated directly into the master label.
2. The notification 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 (7510P)



Please read instructions on reverse before completing form.

Form Approved JMB No. 2070-0680

	United States	<input type="checkbox"/> Registration	OPP Identifier Number
	Environmental Protection Agency	<input type="checkbox"/> Amendment	
	Washington, DC 20460	<input checked="" type="checkbox"/> Other	

Application for Pesticide - Section I

1. Company/Product Number 148-707	2. EPA Product Manager Emily Mitchell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Liquid Chlorine	PM# 32	
5. Name and Address of Applicant (Include ZIP Code) HARCROS CHEMICALS, INC. 5200 Speaker Road Kansas City, KS 66106-1095 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 "Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in pr Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.40, 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 statement 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 FIFRA."

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 <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____			
* Certification must be submitted						If "Yes" Unit Packaging wgt.
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 Kathi Lawrence	Title Regulatory Administrator	Telephone No. (Include Area Code) 913-321-3131
Certification 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>Kathi Lawrence</i>	3. Title Regulatory Administrator	
4. Typed Name Kathi Lawrence	5. Date 07/24/09	

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EPA Reg. No. 148-707

Supplied by: St. Gabriel
EPA Est. No. 148-LA-3

LIQUID CHLORINE

ACTIVE INGREDIENTS: CHLORINE: 99.5%
INERT INGREDIENTS 0.5%

NET WEIGHT 2000 lbs.

NET WEIGHT 150 lbs.



POISON



UN 1017RQ

DANGER Keep Out of Reach of Children

FOR USE AS A DISINFECTANT, by experienced personnel only in municipal water supplies, sewage and waste management plants and industrial and commercial swimming pools.

NSF maximum use level: 30mg/l.

FIRST AID

If inhaled, remove to fresh air. Keep patient warm and quiet. If not breathing, give artificial respiration immediately, preferable mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician. In case of contact, immediately flush eyes or skin with plenty of water while removing contaminated clothing and shoes. Call a physician or Poison Control Center immediately. Wash clothing before reuse. Discard contaminated shoes.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS

Hazardous liquid and gas under pressure. May be fatal if inhaled. Causes severe burns. Harmful if absorbed through skin. Keep away from heat and open flame. Do not breathe gas. Use with adequate ventilation. Do not get in eyes or on skin or on clothing. Wash thoroughly after handling. Keep upwind of leak. Evacuate enclosed places until gas has dispersed. Make daily inspections for leaks. Stop leak at once since it will become worse with time.

ENVIRONMENTAL HAZARD

This pesticide 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 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 AND CHEMICAL HAZARD

Chlorine is a non-flammable gas. In the container it is liquefied gas under pressure. Do not heat container. Do not drop container. 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 the 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., New York. Use only in well ventilated areas.

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

(Continued on Back)

Harcros Chemicals Inc

P.O. Box 2930, Kansas City, Kansas 66110-2930

DO NOT REMOVE THIS TAG



Certified to ANS/NSF 60

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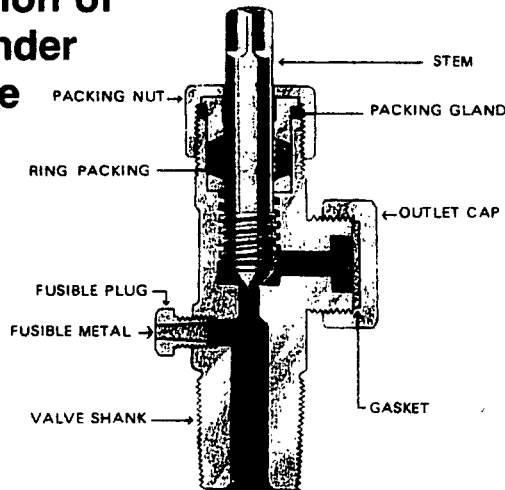
STORAGE & DISPOSAL. Chlorine Containers are designed for reuse and must be returned to the supplier. Containers must not be stored where they will be exposed to temperatures warmer than 54.5 c (130°F). Containers to be returned should be identified with DOT Tag or label and shipped in accordance with suppliers instructions.

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 ENVIRONMENTAL CONTROL AGENCY, OR THE HAZARDOUS WASTE REPRESENTATIVE AT THE NEAREST EPA REGIONAL OFFICE FOR GUIDANCE.

DO NOT CONTAMINATE FOOD OR ANIMAL FEED BY STORAGE OR DISPOSAL.

**DO NOT STORE IN DIRECT SUNLIGHT
DO NOT DROP CONTAINER**

**Cross
Section of
Cylinder
Valve**



THIS VALVE IS STANDARD FOR CHLORINE-ALL THREADS ARE RIGHT HAND. TURN CLOCKWISE TO TIGHTEN-USE SPECIAL WRENCH.

DO NOT TAMPER WITH FUSIBLE SAFETY PLUGS.
FUSIBLE METAL MELTS AT 158°F.-165°F.

TO CONNECT TO DISCHARGE LINE UNSCREW VALVE OUTLET CAP AND ATTACH YOKE CLAMP AND ADAPTER OF SPECIAL UNION-NEVER USE PIPE FITTINGS HAVING STANDARD TAPERED THREAD -USE THE NEW GASKETS EACH TIME CONNECTIONS IS MADE.

OPENING VALVES:

USE AN APPROPRIATE WRENCH AND OPEN VALVES ONE FULL TURN (360 DEGREES). MANY VALVES USE TEFLON® PACKING. IF TEFLON® PACKING IS USED THERE WILL BE A LABEL ATTACHED NOTING THAT TEFLON® IS THE VALVE PACKING MATERIAL. IF VALVE IS EQUIPPED WITH TEFLON® PACKING **DO NOT LOOSEN PACKING NUT FOR ANY REASON.** IF VALVE WILL NOT OPEN, CONTACT YOUR CHLORINE SUPPLIER. IF TEFLON® PACKING IS NOT USED, PACKING NUT MAY BE SLIGHTLY LOOSENED, IF NECESSARY, TO RELIEVE TIGHT VALVE, BUT RETIGHTEN PROMPTLY TO AVOID LEAK.

CLOSING CI STANDARD VALVES:

USING A TORQUE WRENCH, APPLY 25-30 FOOT-POUNDS TO THE VALVE STEM. CHECK FOR LEAKS. IF ANY LEAKS STILL EXIST, THE TORQUE MAY BE INCREASED UP TO 40 FOOT-POUNDS. IF THE LEAK HAS NOT STOPPED AT 40 FOOT-POUNDS, INCREASE THE TORQUE ON THE VALVE STEM TO 50 FOOT-POUNDS. IF THIS FAILS TO WORK, CONTACT YOUR SUPPLIER FOR ADVICE.

CLOSE VALVE PROMPTLY WHEN CONTAINER IS EMPTY TO PREVENT WATER AND OTHER FOREIGN SUBSTANCES ENTERING THE CONTAINER.

ALWAYS REPLACE VALVE OUTLET CAP AND VALVE PROTECTION COVER.

Refillable container.
Refill this container with chlorine only. Do not reuse this container for any other purpose.

NOTIFICATION
Date Reviewed: 8/20/09
Reviewed By: [Signature]

