

PM 32 333-178

1042

Please read instructions and notice on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 6-30-90.



United States Environmental Protection Agency  
Office of Pesticide Programs (TS-767)  
Washington, DC 20460

OPP Identifier Number

121964

Application for Pesticide:  Registration  Amendment

Section I

1. Company/Product Number 335-178	2. Date September 28, 1995	3. Product Manager	4. Proposed Classification <input type="checkbox"/> General <input type="checkbox"/> Restricted
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5. Name and Address of Applicant (Include ZIP Code)

Elf Atochem North America  
2000 Market Street  
Philadelphia, PA 19103

Check if this is a new address

6. Product Name  
Chlorine

Section II - Amendment Information

1. Subject <input type="checkbox"/> Resubmission in response to Agency letter <input checked="" type="checkbox"/> Final printed label in response to Agency letter <input type="checkbox"/> Other (explain below)	Date of Letter PR 95-01
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change of environmental hazard statement.

Section III

1. Material This Product Will Be Packaged In Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," Unit package wgt No. per container	Water-Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes," Package weight No. per container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) of Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On material 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 (Specify)			

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application).

Name  
Robert Rosenwasser

Title  
Senior Product Safety Specialist

Telephone No. (Include Area Code)  
(215) 419-5804

6. Date Application Received (Stamped)

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.

2. Signature  
*Allen Karpman*

3. Title  
Mgr. Tech. Service & Product Safety - Indust Chemicals Group

4. Typed Name  
Allen Karpman

5. Date Signed  
September 28, 1995

elf atochem

ATO

## CHLORINE

LIQUEFIED GAS UNDER PRESSURE

NON-FLAMMABLE

FOR USE AS A DISINFECTANT, by experienced personnel only, in municipal water supplies, sewage and waste management plants

Active Ingredients - Chlorine 99.54%  
Inert Ingredients .54%

**KEEP OUT OF REACH OF CHILDREN.**  
**DANGER POISON**



FIRST AID

IF INHALED, remove to fresh air. Keep patient warm and quiet. If not breathing, give artificial respiration immediately, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get Emergency Medical Attention. IN CASE OF EYE CONTACT, immediately flush eyes for at least 15 minutes while holding eyelids open. IN CASE OF SKIN CONTACT, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get Emergency Medical Attention. Wash clothing before reuse. Destroy contaminated shoes.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Hazardous liquid and gas under pressure. May be fatal if inhaled. Causes severe burns. Keep away from heat and 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.

**FIRE ACTION.** Product does not burn but it will react rapidly with steel at 483°F. High temperatures will increase gas pressure in tanks and may cause safety valve to release excess pressure. Cool tanks with water. Wear self-contained breathing apparatus.

**SPILL OR LEAK.** Keep upwind of leak. Stop leak if trained to do so. Wear goggles, face mask, rubber boots, apron or suit, and gloves. Wear self-contained breathing apparatus. Notify local authorities for possible evacuation of downwind areas. Notify U.S. Coast Guard and U.S. EPA. Can react violently with organic materials, ammonia compounds, or reducing agents.

#### 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 U.S. Bureau of Mines 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., Washington, D.C. 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.

Do not use this product until you have read and understood Material Safety Data Sheet, available from Elf Atochem North America, Inc. Technical Service Department, 2000 Market Street, Philadelphia, PA 19103 (215) 419-7695. For chemical transportation emergency, call 1-800-424-9300.

(CONTINUED ON BACK)

MANUFACTURED BY **ELF ATOCHEM NORTH AMERICA, INC.**

PHILADELPHIA, PA 19103  
Net Wt. Tank Car \_\_\_\_\_ Tons  
2-0804-T-C08 (8-95)

E.P.A. REG. NO. 335-178  
E.P.A. EST. NO. 4581-0R-1

### STORAGE & DISPOSAL

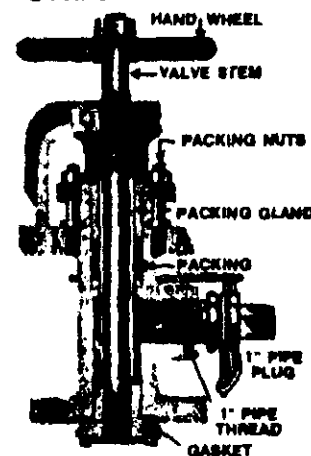
Keep containers away from heat.

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.

Cross  
Section  
of Tank  
Car  
Valve

### CHLORINE VALVE



### LIQUID VALVE

OBSERVE THE FOLLOWING WHEN  
OPENING THIS VALVE

1. INSPECT VALVES FREQUENTLY. TIGHTEN PACKING GLANDS WHEN NECESSARY.
2. BEFORE RETURNING CAR CLOSE ALL VALVES. LUBRICATE AND REPLACE 1" OUTLET PLUG BY HAND.

NOTE BELOW ANY TROUBLES  
WITH THIS VALVE AND LEAVE  
TAG ON VALVE.

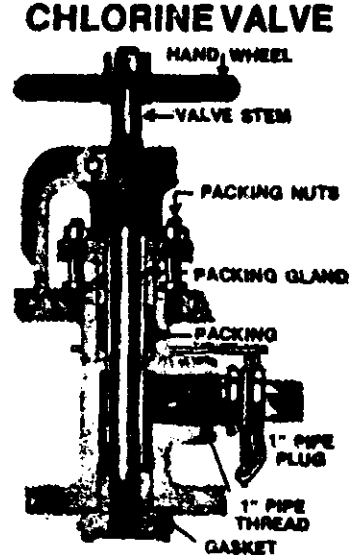
**BEST AVAILABLE**

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MADE IN U.S.A.

## Cross Section of Tank Car Valve



## LIQUID VALVE

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