

41209-4

3/3/2011

117



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Antimicrobials Division (7510P)  
1200 Pennsylvania Avenue NW  
Washington, D.C. 20460

EPA Reg. Number:  
41209-4

Date of Issuance:

MAR 3 2011

Term of Issuance:

**Unconditional**

Name of Pesticide  
Product: Chlorine  
Liquified Gas

NOTICE OF PESTICIDE:  
       Registration  
  x   Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Daniel C. Bauer  
South Texas Chlorine, inc.  
8600 East Harrison Bldg. "A"  
P.O. box 430  
Harlingen, Texas 78551-0430

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/ reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to Chlorine RED, the EPA has reregistered this product. This action is taken under the authority of section 4(g) (2) of the Federal Insecticide, Fungicide and Rodenticide Acts, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. The EPA may require submission of data at any time to maintain the registration of the subject product.

Signature of Approving Official:

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

Date:

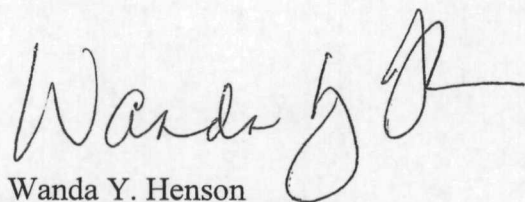
MAR 3 2011

Please submit two (2) copies of your final printed label before distributing or selling the product bearing the labeling revisions. A stamped copy of the label is enclosed for your records.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6 (e). Your release for shipment of the product constitutes acceptance of these conditions.

If you have questions concerning this matter, please contact me at (703) 308-6345 or by email at [Henson.Wanda@epa.gov](mailto:Henson.Wanda@epa.gov) or contact Glen McLeod at (703)347-0181 or by email at [mcleod.glen@epa.gov](mailto:mcleod.glen@epa.gov)

Sincerely,



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



# CHLORINE LIQUIFIED GAS UNDER PRESSURE

For use as a Disinfectant

The registrant is solely responsible for the safety of the servicing equipment used with this pesticide, and for the repackaging of this gas from larger containers into portable cylinders. Each repackager must obtain his own EPA Registration number for this pesticide for this use, and his own EPA Establishment Number from the EPA. Repackers may only dispense this product to portable containers that are appropriately labeled.

ACTIVE INGREDIENT: CHLORINE ..... 99.5%  
OTHER INGREDIENTS ..... 00.5%  
TOTAL ..... 100.0%

**KEEP OUT OF REACH OF CHILDREN**



**DANGER POISON**  
**FATAL IF INHALED**  
**LIQUID CAUSES SEVERE BURNS**

EPA Reg. No. 41209-4  
EPA Est. No. 41209-TX-1

**PACKAGED BY:**  
**STC SOUTH TEXAS CHLORINE**  
2420 E. TYLER AVE  
HARLINGEN, TEXAS 78550  
CHLORINE INC. PHONE: (956) 412-6961

Net Content: \_\_\_\_\_

## PRECAUTIONARY STATEMENTS

**If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, call 911. Get medical attention.

**If in eyes:** Hold eyelids open and flush with a steady, gentle stream of water for 15-20 minutes. Remove contact lenses, if present, after the first 15 minutes, then continue rinsing eye. Call poison control center or doctor immediately for treatment advice.

**If on Skin or Clothing:** Wash with plenty of soap and water for 15-20 minutes while removing contaminated clothing and shoes. Call a poison control center or doctor for treatment advice.

**Have the product container or label with you when calling a poison control center or doctor or going to treatment.**

**Note to Physician:** Development of pulmonary edema may be delayed 48-72 hours.

## Hazard 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, using tobacco and using toilet. Remove contaminated clothing and wash clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

**Personal Protective Equipment:** Handlers must wear long sleeved shirts, long pants, shoes, and socks.

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended for the pesticide registered under EPA Reg. No. 41209-4

ACCEPTED

**In case of Spill or Leakage:** Under normal use-conditions, no protective eye wear, respirator, or gloves are required. However, in case of leak or spill, 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 a possibility of a spill or leak, gloves and a respirator of a 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 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 & CHEMICAL HAZARDS:** Chlorine is a non-flammable gas, liquified, under pressure. Do not drop container. Do not heat container. Keep away from intense heat or open sunlight. Corrosive to most metals in the presence of moisture.

## DIRECTION FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Refer to Chlorine Institute Chlorine Manual for instructions on the required product use and safety procedures. Before working with this product, handlers must be trained how to appropriately use respirators that conform to OSHA requirements (described in 29 CFR Part 1910.134) and how to appropriately handle and use chlorine. This product, including dispensing equipment, must be handled and used in accordance with the practices specified by all applicable product labeling and the Chlorine Institute Chlorine Manual. Use only in well ventilated areas.

**Emergency: CHEMTREC 1-800-424-9300**

## STORAGE and 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 gases, and never store near hydrocarbons, finely divided metals such as filings and granules, turpentine, ether, anhydrous ammonia, or other flammable materials. A storage containers and cylinders must have weather-resistant label and must not be accessible to the general public. Do not drop container. If container is damaged or leaking, refer to the procedures in the Chlorine Institute Chlorine Manual 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 mixtures, or rinsate is a violation of Federal Law.

**LEAK PROCEDURE:** Make daily inspection 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 Human 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 to evaporate. Only correctly trained and Personal Protective Equipment (PPE)-equipped handlers are permitted to perform such cleanup. Do not permit entry into 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 Institute Chlorine Manual. All valves must be closed tight and closures or caps secured. It is illegal to ship a leaking chlorine container.

ACCEPTED  
MAR 3 2011  
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended for the pesticide registered under EPA Reg. No. 41209-4



**CHLORINE LIQUIFIED GAS**  
**Under Pressure**  
**Nonflammable**

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

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

**KEEP OUT OF REACH OF CHILDREN**



IN CASE OF INHALATION EXPOSURE REMOVE PATIENT TO FRESH AIR, KEEP HIM WARM & QUIET. CALL A PHYSICIAN. IF BREATHING HAS CEASED, ARTIFICIAL RESPIRATION SHOULD BE STARTED IMMEDIATELY.

**PRECAUTIONARY STATEMENTS**  
**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Hazardous liquid and gas under pressure, keep away from heat or open flame. May be fatal if inhaled, do not breathe air containing this gas. Do not get in eyes, on skin, or on clothing. **ENVIRONMENTAL HAZARD:** This pesticide is toxic to fish, keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes, permits may be required for discharges containing this pesticide into lakes, streams, ponds or public water. For guidance contact your regional office of the Environmental Protection Agency.

**CHLORINE LIQUIFIED GAS**  
**Under Pressure**  
**Nonflammable**

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

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

**KEEP OUT OF REACH OF CHILDREN**



IN CASE OF INHALATION EXPOSURE REMOVE PATIENT TO FRESH AIR, KEEP HIM WARM & QUIET. CALL A PHYSICIAN. IF BREATHING HAS CEASED, ARTIFICIAL RESPIRATION SHOULD BE STARTED IMMEDIATELY.

**PRECAUTIONARY STATEMENTS**  
**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**DANGER**

Hazardous liquid and gas under pressure, keep away from heat or open flame. May be fatal if inhaled, do not breathe air containing this gas. Do not get in eyes, on skin, or on clothing. **ENVIRONMENTAL HAZARD:** This pesticide is toxic to fish, keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes, permits may be required for discharges containing this pesticide into lakes, streams, ponds or public water. For guidance contact your regional office of the Environmental Protection Agency.

MAR 23 2011

5/7

**DIRECTION 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.

**STORAGE & DISPOSAL:** Keep containers away from heat. Do not store in direct sunlight. Do not drop containers. Empty cylinders should be properly identified with return tags and returned to the supplier according to prescribed instructions and practices by the supplier.

**SOUTH TEXAS CHLORINE, INC.**  
P.O. BOX 430  
HARLINGEN, TEXAS 78551

EPA Reg No.: 41209-4  
EPA Est No.: 41209-TX-1

**Net Wt.: 2000 Lbs.**

**DIRECTION 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.

**STORAGE & DISPOSAL:** Keep containers away from heat. Do not store in direct sunlight. Do not drop containers. Empty cylinders should be properly identified with return tags and returned to the supplier according to prescribed instructions and practices by the supplier.

**SOUTH TEXAS CHLORINE, INC.**  
P.O. BOX 430  
HARLINGEN, TEXAS 78551

EPA Reg No.: 41209-4  
EPA Est No.: 41209-TX-1

**Net Wt.: 150 Lbs.**

MAR 3 2011

CHLORINE



UN1017

RQ



9011-OPC



MAR 3 2011



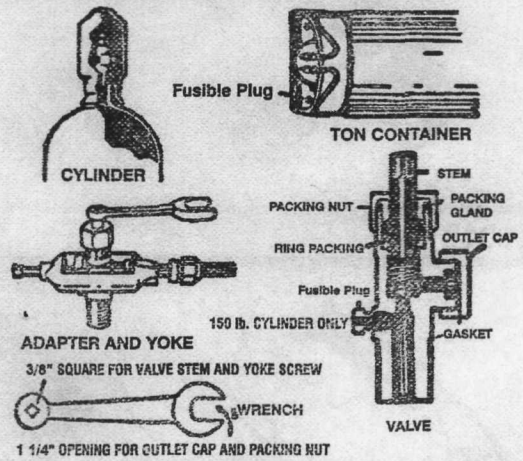
**WARNING: Hazardous Liquid and Gas under pressure. Liquid causes burns and is fatal if inhaled. Do not get in eyes, on skin or clothing.**

If chlorine is inhaled, remove the exposed person to fresh air and summon professional medical assistance immediately. If breathing has stopped have trained personnel begin artificial respiration. If breathing is difficult, have a trained person administer oxygen. Get immediate medical attention.

Avoid contact with eyes, skin and clothing. If exposed, immediately remove the contaminated clothing and shoes. Flush skin and eyes with plenty of water for at least 15 minutes. Contact physician or eye specialist immediately

All personnel involved in the handling or use of Chlorine should be properly trained to handle emergencies. The following equipment should always be available:

- Chemical goggles or face shield
- Rubber or plastic gloves
- Chemical suits
- Self-contained breathing apparatus



Chlorine is shipped in 150 lb. cylinders or ton containers. The cylinder should be stored in an upright position. Ton containers should be positioned with outlet valves directly above and below each other. Gaseous chlorine is available by connecting to the standing cylinder or the top valve on a ton container. Liquid is withdrawn by inverting the cylinder or connecting to the lower valve on a ton container.

Open the valve by turning the stem counter-clockwise one turn. Close in a clockwise direction.

Always use a new gasket in making a connection.

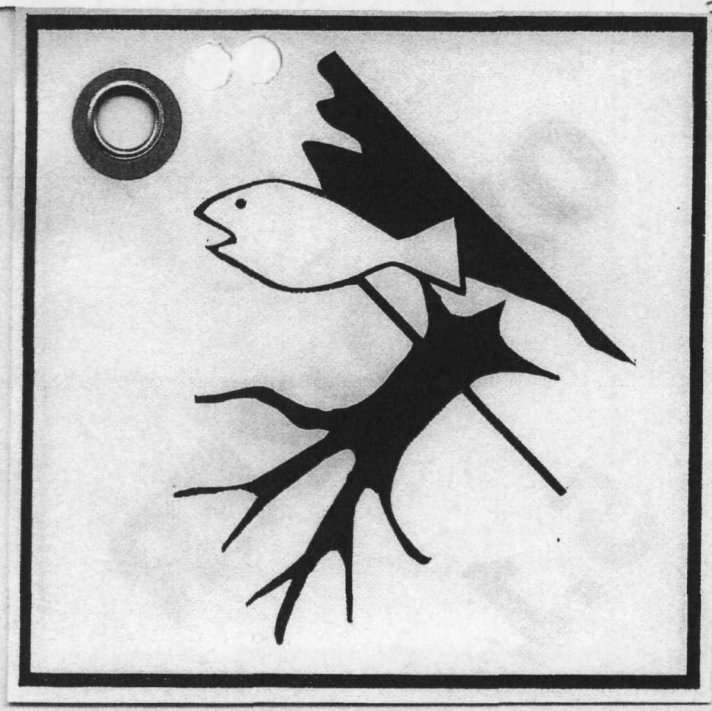
Check for leaks using strong ammonia vapor.

DO NOT drop cylinders or containers.

Keep away from heat.

### SOUTH TEXAS CHLORINE, INC.

P.O. BOX 430  
Harlingen, Texas 78551  
956-423-4237



MAR 3 2011