

37982-39

9-26-2001

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

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

September 26, 2001

Karl Moll  
Senior Registration Specialist  
Pioneer Amercas, Inc.  
26700 South Banta Road  
Tracy, California 95376

Dear Mr. Moll:

Subject: Chlorine Liquefied Gas MUP Master Label  
EPA Registration No. 37982-39  
Your Amendment Dated December 13, 2001

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, will be acceptable provided that you make the labeling change listed below before you release the product for shipment bearing the amended label.

1. Correct the language in the second paragraph on page 4 to state:  
  
"Only for formulation into a disinfectant, sanitizer, or slimicide for the following uses:"
2. Revise the sixth bullet on page 4 to state:  
  
"Control of bacterial, algae, and slime build-up in plant processing equipment (food processing use)."

A stamped copy is enclosed for your records. Submit one copy of the final printed label before you release the product for shipment bearing the amended label.

If you have any questions, please call Patrick Dobak at (703) 308-8180.

Sincerely yours,



Robert S. Brennis  
Product Manager (32)  
Regulatory Management Branch II  
Antimicrobial Division (7504C)

# CHLORINE LIQUEFIED GAS UNDER PRESSURE MANUFACTURING USE PRODUCT

|                              |        |
|------------------------------|--------|
| ACTIVE INGREDIENT – Chlorine | 99.5%  |
| INERT INGREDIENTS            | 0.5%   |
| <hr/>                        |        |
| TOTAL                        | 100.0% |

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:  
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Under the Federal Insecticide,  
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**MASTER LABEL**

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# KEEP OUT OF REACH OF CHILDREN



## DANGER POISON

### FATAL IF INHALED

### LIQUID CAUSES SEVERE BURNS

| FIRST AID  |  |
|--|--|
| If Inhaled   | <ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is <b>not</b> breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a <b>poison control</b> center or doctor for further treatment advice.</li> </ul>                |
| If in eyes   | <ul style="list-style-type: none"> <li>• Hold eye <b>open</b> and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>• Remove <b>contact</b> lenses, if present, after the first five minutes, then continue <b>rinsing eye</b>.</li> <li>• Call a <b>poison control</b> center or doctor for treatment advice.</li> </ul> |
| If on skin or clothing   | <ul style="list-style-type: none"> <li>• Take off <b>contaminated</b> clothing.</li> <li>• Rinse skin <b>immediately</b> with plenty of water for 15 – 20 minutes.</li> <li>• Call a <b>poison control</b> center or doctor for treatment advice.</li> </ul>   |
| HOT LINE NUMBER  |  |
| Have the product container or label with you when you call a poison control center or doctor, or when going for treatment. |  |
| NOTE TO PHYSICIAN  |  |
|  |  |

See other precautions on this label.

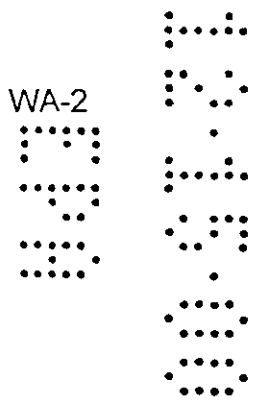
Pioneer Americas, Inc.  
Houston, Texas 77002

EPA REG. NO 37982-39  
EPA EST. NO. 61667-CA-1, CA-2, LA-1, NV-1, WA-1, WA-2  
71207-CAN-1, CAN-2, CAN-3

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NET CONTENTS XXXX lbs.



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## PRECAUTIONARY STATEMENTS

### 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 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 or frequently repeated skin contact may cause allergic reactions in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT** - Applicators and other handlers must wear long-sleeved shirts, long pants, shoes, and socks.

**IN CASE OF 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-13F). Since there is always the 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.

### 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.

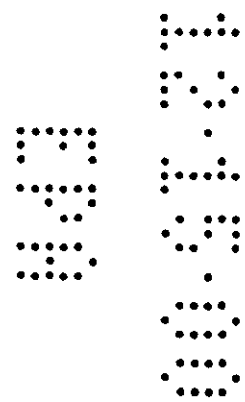
### PHYSICAL AND CHEMICAL HAZARDS

Chlorine is a non-flammable gas, liquefied, 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.

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## DIRECTIONS FOR USE

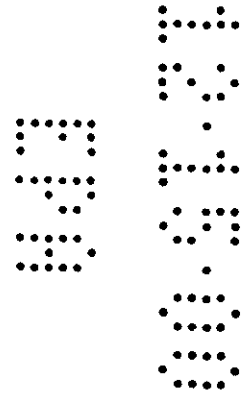
It is a violation of federal law to use this product in a manner inconsistent with its labeling. Refer to the "Chlorine Manual" published by The Chlorine Institute, Inc. for instructions on the required product use and safety procedures. Before working with this product, handlers must be trained how 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 Manual" published by The Chlorine Institute, Inc. Use only in well ventilated areas.

Only for formulation into a disinfectant, sanitizer or <sup>slimicide</sup> ~~slime~~ for the following uses:

- disinfectant in the treatment of municipal drinking water supplies.
- disinfectant in sewage waste treatment plants.
- disinfectant in wastewater treatment facilities.
- disinfectant in industrial and commercial swimming pools.
- disinfectant in residential swimming pools when serviced by professional applicators.
- control of bacteria, algae and slime build-up in plant processing equipment. <sup>(food processing use)</sup>
- sanitizer for treatment of food contact and non-food contact surfaces and equipment in food processing plants.
- sanitizer for wash water treatment of raw agricultural commodities and other food commodities.
- use in the control of algae and slime in fountains, ponds and ornamental lakes containing no fish or wildlife.
- slimicide in water cooling systems and in paper mills.
- control of organisms causing decay of fruits or vegetables.
- repackaging into smaller containers for any of the above uses.

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## 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 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. 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 a leak at once, since it will become worse with time.

In case of leak, evacuate everyone from the immediate area. For entry into the 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. All valves must be closed tight and closures or caps secured. It is illegal to ship a leaking chlorine container.

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