

748-31

9/17/2011

1084



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number: 748-31
Date of Issuance: SEP 17 2011

Term of Issuance: Unconditional

Name of Pesticide Product: Chlorine Liquefied Gas

NOTICE OF PESTICIDE:
Registration
[x] Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

PPG Industries, Inc.
4325 Rosanna Drive
Pittsburgh, PA 15101

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. Monisha Harris
Product Manager Team-32
Regulatory Management Branch II
Antimicrobials Division (7510P)

[Handwritten signature of Monisha Harris]

Date:

SEP 17 2011

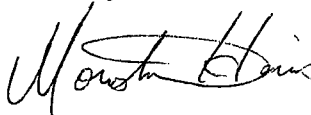
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Please submit two (2) copies of your final printed label before distributing or selling the product bearing the labeling revisions. A stamped copy of the label is enclosed for your records.

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) 308-0410 or by email at [harris.monisha@epa.gov](mailto:harris.monisha@epa.gov) or contact Glen McLeod at (703) 347-0181 or by email at [mcleod.glen@epa.gov](mailto:mcleod.glen@epa.gov)

Sincerely,



Monisha Harris  
Product Manager (32)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)



3044

# CHLORINE

UN1017 RQ  
LIQUEFIED GAS UNDER PRESSURE, NON-FLAMMABLE

**FOR USE AS A DISINFECTANT AND/OR ALGICIDE**, by experienced personnel only, in the treatment of municipal water supplies, sewage and waste management plants, in accordance with all applicable federal, state, and local laws and regulations.

**FOR USE IN MANUFACTURING PROCESSES**, by trained personnel only, in the production of bleach, plastics, chlorinated solvents, refrigerants, and intermediates for products containing no chlorine. Proper training in safety and use of protective equipment are essential. Well designed and maintained handling and processing facilities are required.

**FOR USE BY REPACKAGERS FOR THE ABOVE USES**, in accordance with all applicable federal, state, and local laws and regulations.

Active Ingredient: Chlorine ..... 99.5%  
Other Ingredients: ..... 0.5%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER!**  **POISON** 

- **MAY BE FATAL IF INHALED**
- **CORROSIVE - CAUSES SEVERE BURNS**

## ➤ FIRST AID ➤

**If inhaled:** After properly protecting yourself, move person to fresh air. Contact a poison control center, emergency room or physician as soon as possible as further treatment will be necessary. If person is not breathing, call 911 or an ambulance, then give artificial respiration immediately. Trained personnel should administer humidified oxygen.

**If on Skin or Clothing (contact with liquid chlorine):** Use an emergency shower immediately for at least 15 minutes. Remove contaminated clothing under the shower. Call a Poison Control Center or doctor for treatment advice.

**If on Skin (contact with gaseous chlorine):** Immediately change contaminated clothing and wash exposed area with soap and water. Refer to a physician if irritation persists or if the skin is blistered or broken.

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. If contact lenses are present, remove the lenses after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

**Contact 1-412-434-4515 or your Poison Control Center for 24-hour emergency medical treatment information. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.**

**NOTE TO PHYSICIAN:** Symptoms may become more severe up to 36 hours after exposure including pulmonary edema.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic organisms. 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.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMAN AND DOMESTIC ANIMALS


- **DANGER.** Fatal if inhaled or absorbed through the 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 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

SEP 17 2011

ACCEPTED

748-31

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered for the pesticide registration number 748-31

 PPG INDUSTRIES, INC.  
One PPG Place  
Pittsburgh, PA 15272

L119A-WV-1007K

**SEE REVERSE SIDE FOR HANDLING AND STORAGE**

**NOTE: READ TAG BEFORE UNLOADING**



4044

# CHLORINE

UN1017 RQ  
LIQUEFIED GAS UNDER PRESSURE, NON-FLAMMABLE

|                      |  |
|----------------------|--|
| <b>EXPOSURE</b>      | Remove patient from contaminated area. If breathing, place in a comfortable position, keep warm and at rest until physician arrives. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration, preferably mouth-to-mouth. Call a physician as soon as possible. Keep patient at rest.   |
| <b>SPILL OR LEAK</b> | Immediately evacuate area. Only trained personnel wearing NIOSH - approved, full-face, self-contained breathing apparatus and full protective clothing may enter area to locate leak. DO NOT PUT WATER ON LEAK. Use appropriate emergency capping kit.   |
| <b>FIRE</b>          | Cannot catch fire. Notify fire-fighting personnel chlorine containers are in area. Otherwise, keep containers cool with water spray. Chlorine will support combustion. Reacts readily with hydrocarbons, alcohols, ethers, ammonia, hydrogen, and some metals, sometimes with explosive violence. Will react with (burn) steel containers at temperatures above 450°F. |
| <b>EMERGENCY</b>     | Transportation Incident: Contact CHEMTREC at (800) 424-9300. In all other emergencies, contact PPG Industries, Inc., 1-412-434-4515.   |

## DANGER! POISON

- MAY BE FATAL IF INHALED
- CORROSIVE - CAUSES SEVERE BURNS

### DIRECTIONS FOR USE:

It is a violation of federal law to use this product in a manner inconsistent with the labeling. Have available full-face, self-contained breathing apparatus approved by the U.S. Mine Safety and Health Administration or the National Institute for Occupational Safety and Health. Handle and use only in accordance with practice recommended in the Chlorine Manual published by Chlorine Institute, Inc. New York. Use only in well-ventilated areas. Only specifically designed dispensing equipment should be used and only 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.

For specific information refer to the Chlorine Institute Pamphlet 66, "Chlorine Tank Car Loading, Unloading, Air Padding, Hydrostatic Testing."

Cars must be monitored during the unloading operation. When not in use or when car is left unattended, valves must be closed and unloading lines disconnected.

ALWAYS BE PREPARED FOR AN EMERGENCY! See Chlorine Institute Pamphlet 64, Emergency Control Planning Checklist.

### STORAGE AND DISPOSAL

Chlorine tank cars and tank trailers are designed for reuse and must be returned to the supplier. The tank cars or tank trailers to be returned should be identified with DOT tag or label and shipping in accordance with supplier's instructions. Bulk storage containers must not be labeled and accessible to the general public. All storage containers must have a weather resistant label attached near outlet valve.

ACCEPTED  
 SEP 17 2011  
 Under the Federal Insecticide, Fungicide, and  
 Rodenticide Act as amended for the  
 purposes, registration number  
 EPA Reg. No. 748-31



PPG INDUSTRIES, INC.  
One PPG Place  
Pittsburgh, PA 15272

EPA REG. No. 748-31  
EPA EST. No. 748-WV-  
Net Weight \_\_\_\_\_ Tons  
L119A-WV-1007K

SEE REVERSE SIDE FOR PRECAUTIONS AND FIRST AID  
**NOTE: READ TAG BEFORE UNLOADING**