

# 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, and to repackers in accordance with all applicable federal, state, and local laws and regulations pertaining to these intended uses, or to be sold in tank cars and barges.

### FOR USE IN MANUFACTURING PROCESSES

**Active Ingredient:**

Chlorine ..... 99.5%

Inert Ingredients ..... 0.5%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER!**  **POISON** 

• **MAY BE FATAL IF INHALED**

• **CORROSIVE - CAUSES SEVERE BURNS**

### ✚ FIRST AID ✚

**INHALATION:** Immediately remove patient from contaminated area to fresh air. If breathing, place in comfortable position, keep warm and at rest until a physician arrives. If breathing is difficult, give oxygen. If breathing has stopped, give artificial respiration immediately, preferably mouth-to-mouth. In all above circumstances, call a physician as soon as possible. Rest is recommended after chlorine exposure.

**EYE/SKIN CONTACT:** Immediately flush eyes with water (soap and water for skin) for at least 15 minutes, while removing contaminated clothing. If irritation occurs, consult a physician. **NEVER ATTEMPT CHEMICAL NEUTRALIZATION.** Do not give any medication except under specific instructions from a physician.

**THROAT IRRITATION:** Drinking milk may help relieve the discomfort of throat irritation from chlorine exposure.

**COUGHING:** A mild stimulant such as hot coffee or tea is often used.

**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 HAZARD TO HUMANS AND DOMESTIC ANIMALS

- Personnel near or handling chlorine should at all times carry a NIOSH-approved cartridge type escape respirator and be trained in its use.
- **AVOID BREATHING GAS.**
- **USE WITH ADEQUATE VENTILATION.**  
Ventilation must be sufficient to limit employee exposure at or below OSHA permissible exposure limit (0.5 ppm TWA, 1.0 ppm STEL).
- **AVOID CONTACT WITH EYES, SKIN, OR CLOTHING.** At high concentrations, chlorine is corrosive to eyes, skin and mucous membrane in the presence of moisture.



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

L119A-WV-397H

**ACCEPTED**

APR 16 1997

Under The Federal Insecticide, Fungicide and  
Rodenticide Act, as amended, for the  
pesticide registered under  
EPA Reg. No. 748-31

OK  
D.B.  
3/25

2072

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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., (304) 843-1300.

## 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 left unlabeled and accessible to the general public. All storage containers must have a weather resistant label attached near outlet valve.

EPA REG. No. 748-31  
EPA EST. No. 748-WV-1



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

Net Weight \_\_\_\_\_ Tons  
L119A-WV-397H

**SEE REVERSE SIDE FOR PRECAUTIONS AND FIRST AID**

**NOTE: READ TAG BEFORE UNLOADING**