1 OF 2
PM 32
34910-2

ACCEPTED
FEB 12 1990
Under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 34910-2

CHLORINE
LIQUIFIED GAS UNDER PRESSURE NON FLAMMABLE

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 INGREDIENT:	
Chlorine	99.5%
Inert Ingredients	0.5%

KEEP OUT OF REACH OF CHILDREN

DANGER  POISON

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.

Distributed By
ULRICH CHEMICAL, INC.
3111 N. POST RD.
INDIANAPOLIS, IN 46226-6566

BRANCHES
EVANSVILLE, IN 47711
TERRE HAUTE, IN 47802
FT. WAYNE, IN 46803
LOUISVILLE, KY 40208

EPA Reg. No. 34910-2 EPA Est. 34910-IN—02

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive to eyes, skin and mucous membranes in presence of moisture. May be fatal if inhaled. Do not breathe air containing this gas. Do not get in eyes, on skin, or clothing.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not discharge into lakes, streams, ponds or public waters, unless in accordance with an NPDES permit. For guidance contact the regional office of the Environmental Protection Agency.

CHEMICAL - PHYSICAL HAZARDS: Chlorine is a non-flammable gas, liquefied, under pressure. Do not drop container. Keep away from intense heat or open sunlight. Corrosive to most metal in the presence of moisture.

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., Washington, DC. Use only in well ventilated areas.

Only specifically designed dispensing equipment should be used 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.

STORAGE AND DISPOSAL: Keep containers away from heat. Do not store in direct sunlight or drop portable containers. All storage containers must have a weather resistant label attached near outlet valve and must not be accessible to general public. Empty containers should be properly identified with return tags and returned to supplier according to prescribed instructions and practices recommended by the Chlorine Institute.

GENERAL INSTRUCTIONS

Chlorine cylinders have one valve and will deliver gas chlorine in the upright position. Ton containers have two valves which should be oriented in a vertical position when the ton is in use. The top valve will discharge chlorine gas while the bottom valve will discharge liquid chlorine.

Connection of cylinders discharging liquid to a manifold is not recommended. NEVER CONNECT TO A GAS MANIFOLD A NEW CYLINDER THAT IS NOT AT THE SAME TEMPERATURE AS OTHER CYLINDERS CONNECTED TO THE SYSTEM.

Use chlorine cylinders in the order received. Weigh cylinder on a platform scale when unloading.

NEVER HEAT CHLORINE CYLINDERS OR VALVES. DO NOT PLACE THEM IN A HOT WATER BATH TO INCREASE DISCHARGE RATES.

Be sure no water or other liquid is sucked back into cylinder due to pressure differences, especially when it is nearly empty. NEVER LEAVE CYLINDER VALVES OPEN WHEN CHLORINE IS NOT BEING USED.

Use only valves, gages, regulators, fittings, piping etc., recommended for chlorine service.

Notify the chlorine supplier promptly of damaged cylinders. NEVER TAMPER WITH FUSIBLE PLUGS OR ATTEMPT TO ALTER OR REPAIR CYLINDERS OR VALVES.

USING CHLORINE IN CYLINDERS

(See Diagrams 1-4)

CONNECTING AND DISCONNECTING

Use 500 psig copper tubing fitted with special adapter (4-A) to connect cylinder to piping system. To connect line to cylinder, remove valve protection hood (1) and valve outlet cap (2-A). Then use wrench (3) shown to attach tubing to valve with yoke (4-B). Use new gasket supplied with cylinder each time connection is made. Make sure connections are tight. Check for leaks with ammonia vapor. Appearance of white vapor indicates a chlorine leak. Never use standard pipe fittings.

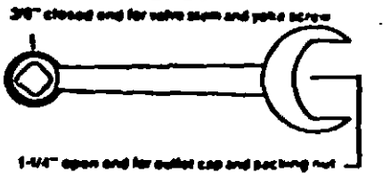
Turn stem one full turn counterclockwise to open valve (2). Don't use cylinder valve (2) to regulate the chlorine flow. Use of valve for flow-control may wear valve seat so that it cannot be tightly closed. NEVER FORCE THE VALVE STEM. Hit wrench handle with the heel of the hand to loosen a stuck valve stem. NEVER USE A HAMMER OR OTHER IMPLEMENTS FOR THIS PURPOSE. Packing nut may be loosened slightly to relieve tight stem, but retighten promptly to avoid leak.

To disconnect, close valve (2), disconnect tubing, yoke and adapter (4-A & 4-B), test valve for leaks, apply valve outlet cap (2-A) with gasket. Replace valve protection hood (1) on cylinder. Plug or cap the open end of the chlorine line immediately to keep out moisture.

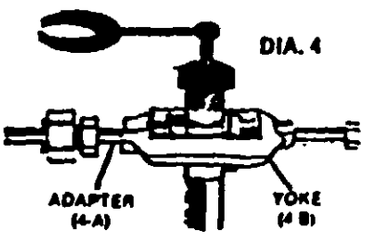
DIA. 1

DIA. 2

DIA. 3



DIA. 4



DO NOT REMOVE THIS TAG

DO NOT REMOVE THIS TAG