

AB 778-3

12/81

Under the Federal Insecticide, Fungicide, and Rodenticide Act amended, for the same registered under EPA Reg. No. 7744-10

SONY SOL® BRAND

CHLORINE

LIQUEFIED GAS
UNDER PRESSURE
NON-FLAMMABLE

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

ACTIVE INGREDIENT:
CHLORINE*..... 99.5%
INERT INGREDIENTS..... 0.5%

KEEP OUT OF REACH OF CHILDREN



PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER: Hazardous liquid and gas under pressure. Keep away from heat and open flame. May be fatal if inhaled. Do not breathe air containing this gas. Do not get in eyes, on skin, or on clothing.

FIRST-AID: IN CASE OF INHALATION EXPOSURE REMOVE PATIENT TO FRESH AIR. KEEP PATIENT WARM AND QUIET. CALL A PHYSICIAN IMMEDIATELY. IF BREATHING HAS CEASED, START ARTIFICIAL RESPIRATION IMMEDIATELY.

ENVIRONMENTAL HAZARD: This pesticide is toxic to fish. Keep out of lakes, streams, or ponds. Avoid discharge of chlorinated waste water used for cleaning equipment and containers. Permits may be obtained for discharges containing this pesticide into lakes, streams, ponds, or public water. Contact your regional office of the Environmental Protection Agency for further information regarding discharge requirements.

PHYSICAL AND CHEMICAL HAZARD: Chlorine is a non flammable gas. In the container it is liquefied gas under pressure. Do not heat container. Do not drop container. Chlorine is an oxidizer and should not be stored near flammable materials.

JONES CHEMICALS, INC.
Caledonia, NY 14423
and Principal Cities

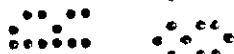
*Meets AWWA B301-59

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**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. 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. It is not advisable to store containers in direct sunlight. Containers must not be stored where they will be exposed to temperature warmer than 130° F (54.5°C). Do not drop containers. Empty containers are designed for reuse and must be returned to the supplier. Containers and valve protection hood should be identified with DOT tag or label and returned to the supplier according to prescribed instructions.



Return Empty Container and Valve Protection Hood to:

JONES CHEMICALS, INC.
1433 Talleyrand Ave.
Jacksonville, FL 32206
Phone: (904) 355-0662



EPA REG. NO. 1744-10
EPA EST. NO. 1744-FL-1

NET WT.: 2,000 Lbs.

GENERAL INSTRUCTIONS

Ton chlorine containers have two valves in one head: In the horizontal position, with valves in a vertical line, they will deliver gas from the upper valve and liquid from the lower valve.

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

Use chlorine containers in order received. Weigh container on a platform scale when unloading.

NEVER HEAT CHLORINE CONTAINERS 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 container due to pressure differences, especially when it is nearly empty. NEVER LEAVE CONTAINER 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 containers. NEVER TAMPER WITH FUSIBLE PLUGS OR ATTEMPT TO ALTER OR REPAIR CONTAINERS OR VALVES.

USING CHLORINE IN CONTAINERS (See Diagrams 1-4)

CONNECTING AND DISCONNECTING

Use 500 psig copper tubing fitted with special adapter (4-A) to connect container to piping system. To connect line to container, 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 container 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.

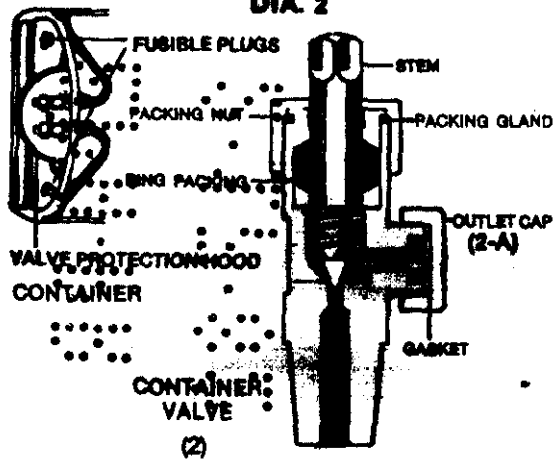
(continued on reverse;
diagrams on reverse)

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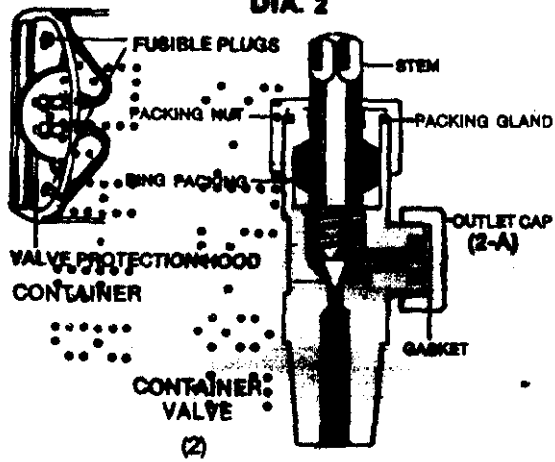
Turn stem one full turn counterclockwise to open valve (2). Don't use container valve (2) to regulate the chlorine flow. Use of valve for flow-control may wear valve seat so that it cannot be tightly closed. NEVER FORCE THE VALVE STEM. Hit wrench handle with the heel of the hand to loosen a stuck valve 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 container. Plug or cap the open end of the chlorine line immediately to keep out moisture.

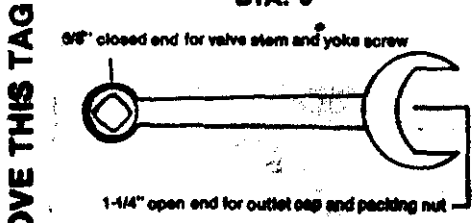
DIA. 1



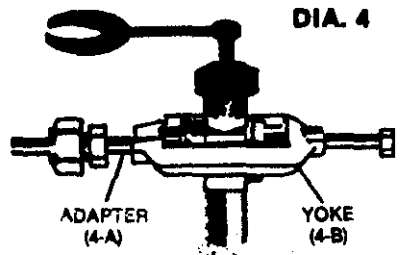
DIA. 2



DIA. 3



DIA. 4



DO NOT REMOVE THIS TAG

DO NOT REMOVE THIS TAG

