

7-10-32

67649-5

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U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 67649-5	DATE OF ISSUANCE SEP 26 1995
	TERM OF ISSUANCE Conditional	
	NAME OF PESTICIDE PRODUCT Chlorine SG	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Rowell Chemical Corporation
15 Salt Creek Lane #205
Hinsdale, IL 60521

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 67649-5."

b. Revise the Environmental Hazards statement according to PR Notice 93-10: "This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. 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."

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL _____ DATE _____

c. Under the heading "Directions For Use", (page 2 of the draft label), delete the terms "General Classification".

3. Submit one copy of your final printed labeling which incorporates the comments listed above before releasing the product for shipment.

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.

A stamped copy of the label is enclosed for your records.

Sincerely,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

Enclosures

CHLORINE

**LIQUEFIED GAS
UNDER PRESSURE
POISON GAS
UN1017
RQ: 10 LBS.**

ACCEPTED
with COMMENTS
in EPA Letter Dated:
SEP 26 1975

Under the Federal Insecticide,
Fungicide, and Rodenticide Act of
1947, as amended, this pesticide
is registered under EPA Reg. No.

67649-5

DIRECTION FOR USE: GENERAL CLASSIFICATION

It is a violation of federal law to use this product in a manner inconsistent with the labeling. Have gas masks available that are approved by the U.S. Bureau of Mines and 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, D.C. 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.

FOR USE AS A DISINFECTANT AND ALGAECIDE, by experienced personnel only, in municipal water supplies, sewage and waste management plants, and in commercial and industrial swimming pools; as a slimicide in water cooling systems and in paper mills; and in repackaging into portable containers. Repackagers must obtain their own registration with Environmental Protection Agency.

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

KEEP OUT OF REACH OF CHILDREN

DANGER



POISON

skull
crossbones

INHALATION HAZARD

Keep

FIRST AID (Statement of Practical Treatment)

IF INHALED: Remove victim to fresh air immediately. If not breathing give artificial respiration, preferably mouth to mouth. It may be necessary to remove clothing. Get immediate emergency medical attention.

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Fatal if inhaled and absorbed through the skin. Corrosive. Causes irreversible eye damage and skin burns. Do not breathe vapors, get in eyes, on skin or clothing. Wear the MSHA/NIOSH approved supplied air respirator #TC 13-F. Wear goggles, protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating or using tobacco. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PHYSICAL AND CHEMICAL HAZARDS:

Chlorine is a poison 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.

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.

STORAGE & DISPOSAL. Chlorine Containers are designed for reuse and must be returned to the supplier. Containers must not be stored where they will be exposed to temperatures warmer than 54.4 degree C (130 degree F). Containers should be stored in a dry area away from sources of heat and protected from direct sunlight and precipitation. They should be segregated from other compressed gasses and never stored near hydrocarbons, finely divided metals, turpentine, ether, anhydrous ammonia or other flammable materials. All containers must have a weather resistant label attached near the outlet valve and must not be accessible to the public. Empty containers to be returned should be identified and have all valves closed tight and closures or caps secured. If container is damaged or leaking, notify supplier. It is illegal to ship a leaking chlorine container. Containers to be returned must be identified with DOT Tag or label and shipped in accordance with suppliers instructions.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA regional office for guidance.

Do not contaminate water, food, or animal feed by storage or disposal.

**DO NOT STORE IN DIRECT SUNLIGHT
DO NOT DROP CONTAINER**

Return Empty Container and Valve Protection Hood to

ROWELL CHEMICAL CORPORATION
10100 Archer Avenue
Willow Springs, IL 60480
708-839-1871

EPA Reg. No. 67649-5
EPA Est. No. 67649 IL-1

ROWELL CHEMICAL CORP.
Willow Springs IL 60480

* Meets ANSI/AWWA B.301.17

NET WT.: 150 Lbs.

GENERAL INSTRUCTIONS

Chlorine cylinders have one valve and will deliver gas chlorine in the upright position.

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.

Cylinder temperature should not exceed 130° F (54.4° C).

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)

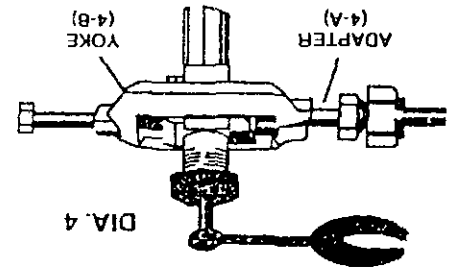
CONNECTING AND DISCONNECTING

Use 500 psig copper tubing fitted with special adaptor (4-A) to connect cylinder to piping system. To connect line to cylinder, remove valve protection hood (1-A) 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.

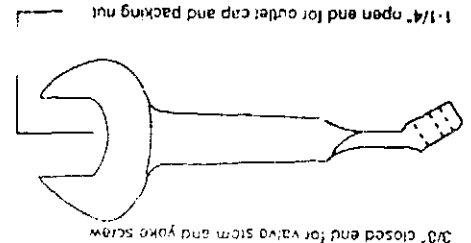
(continued on reverse;
diagrams on reverse)

DO NOT REMOVE THIS TAG

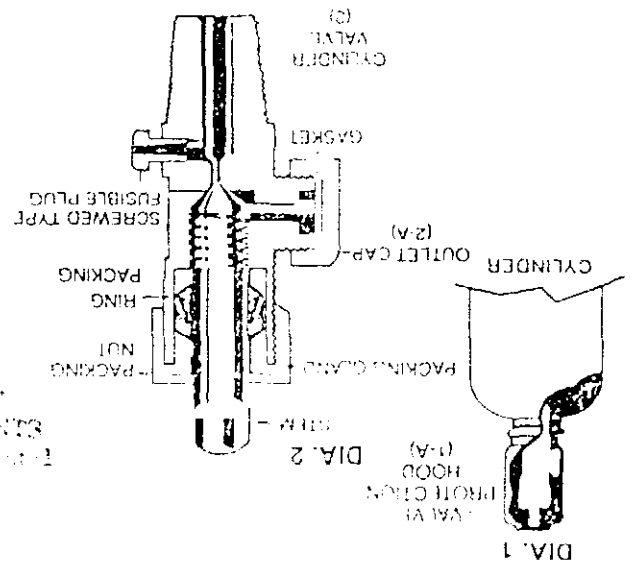
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DIA. 4



DIA. 3



DIA. 2

DIA. 1

26
EPA Reg. No. 67049 5

Keep out moisture.
The open end of the chlorine line immediately to
valve protection end of cylinder. Plug or cap
after valve outlet cap is with gasket. Replace
you and a gasket and valve for leaks.
To disconnect, close valve, disconnect tubing,
right side, but do not disconnect to avoid leak.
Fitting and valve to be removed to remove
OTHER INFORMATION: THE INFORMATION ON
THIS LABEL IS FOR THE USE OF THE USER OF
THIS PRODUCT ONLY. IT IS NOT TO BE USED
FOR ANY OTHER PURPOSE. THE USER OF THIS
PRODUCT SHOULD READ THE LABEL AND THE
INSTRUCTIONS CAREFULLY. THE USER OF THIS
PRODUCT SHOULD BE AWARE OF THE DANGERS
OF CHLORINE GAS. CHLORINE GAS IS A
TOXIC, CORROSIVE, AND IRRITANT. IT IS
HEAVIER THAN AIR AND WILL SETTLE IN
LOW AREAS. IT CAN CAUSE BURNING OF THE
EYES, SKIN, AND RESPIRATORY TRACT. IT
CAN ALSO CAUSE DEATH. THE USER OF THIS
PRODUCT SHOULD TAKE APPROPRIATE
PRECAUTIONS TO AVOID EXPOSURE TO
CHLORINE GAS.