

December 17, 2003

Shawn P. Wiram
Ulrich Chemical, Inc.
3111 North Post Road
Indianapolis, IN 46226

Subject: Chlorine
EPA Registration No. 34910-2
Application Date: September 25, 2003
Receipt Date: October 1, 2003

Dear Mr. Wiram:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below:

- Revised label per PR Notice 2001-1

Conditions

- Revise the Ingredient statement as follows:

Active Ingredient:

Chlorine	99.5%
Other Ingredients	0.5%
Total	100.0%

- The Precautionary Statement should read:

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.

CONCURRENCES

SYMBOL	7510C						
SURNAME	Mitchell						
DATE	12-17-03						

General Comments

A stamped copy of the labeling accepted with conditions is enclosed. Submit a copy of your final printed labeling before distributing or selling the product bearing the revised labeling.

Should you have any questions or comments concerning this letter, please contact Wanda Mitchell at (703) 308-6345.

Sincerely,



*Robert S. Brennis
Product Manager - Team 32
Regulatory Management Branch II
Antimicrobials Division (7510C)*

3 8 4

FIRST AID

If in Eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

If on Skin or Clothing If Inhaled

- Call a poison control center or doctor for further treatment advice.
- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

V C A S NUMBER

HOT LINE NUMBER

Have the product container or label with you when calling a poison center or doctor, or **ACCELYING** for treatment. You may also contact 1 (800) xxx-xxxx for emergency medical with **COM** treatment information. EPA Letter Dated: **382-9097**

DEC 17 2003

Under the Federal Insecticide, Fungicide, and Herbicide Act as amended, for the purpose of being registered under the Act.

34910-2

CHLORINE LIQUEFIED 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	.05%

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. TREAT FOR INHALATION FIRST. IF EXPOSURE TO EYES OR SKIN, FLUSH WITH PLENTY OF WATER. GET MEDICAL ATTENTION.~~

See back panel for additional information.

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
 - LEXINGTON, KY 40510
 - BARTONVILLE, IL 61807

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

NSF STANDARD 60 - Drinking Water Treatment Chemicals Chlorine has been certified for use in potable water by the NSF if repackaged at Ulrich Chemical, Inc.'s Terre Haute facility. The maximum use level for this product is not to exceed 30 mg/L.



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 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.

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. Do not heat container. Avoid contact with organic products to prevent explosive reaction.

DIRECTION FOR USE: GENERAL CLASSIFICATION

It is a violation of federal law to use this product in a manner inconsistent with the labeling Use NIOSH/MSHA approved respirator 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.

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.

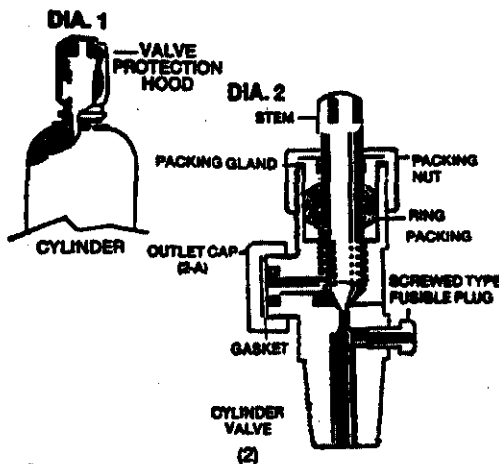
Be sure no water or other liquid is sucked back into cylinder due to pressure differences, especially when it is nearly empty. NEVER LEAVE CYLINDER VALVES OPEN WHEN CHLORINE IS NOT BEING USED.

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

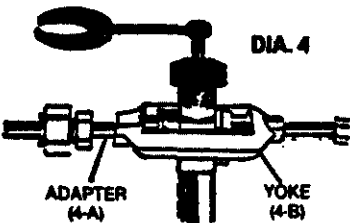
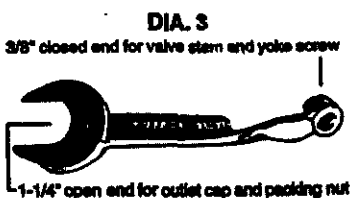
Notify the chlorine supplier promptly of damaged cylinders. NEVER TAMPER WITH FUSIBLE PLUGS OR ATTEMPT TO ALTER OR REPAIR CYLINDERS OR VALVES.

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.

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.



DO NOT REMOVE THIS TAG



DO NOT REMOVE THIS TAG

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.

ACCEPTED
with COMMENTS
EPA Letter Dated:
DEC 17 2003

Under the Federal Insecticide,
Fungicide and Rodenticide Act as
amended, the best
registered pesticide EPA Reg. No. 34910-2