

1744-10

8-29-1989

1/5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Jones Chemicals, Inc.
80 Munson Street
LeRoy, NY 14882

AUG 29 1989

Attention: Tracy L. Pope

Gentlemen:

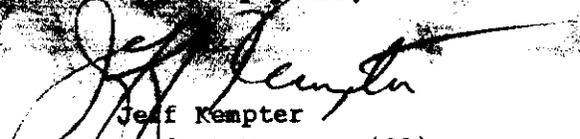
Subject: Sunny Sol Chlorine
EPA Registration No. 1744-10
Your Amendment Dated July 26, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted.

1. Under STORAGE AND DISPOSAL, please change "Do not contaminate food or animal feed by storage or disposal" to "Do not contaminate water, food, or animal feed by storage or disposal."

2. Under PRECAUTIONARY STATEMENTS, and under DANGER, please change "mucous" to "mucous."

Sincerely yours,


Jeff Kempter
Product Manager (32)
Antimicrobial Program Branch
Registration Division (H7505C)

56953:I:A-27:K-1:KENCO;8/22/89:10/2/89:KA:swivo:dg:ka

CONCURRENCES						
SYMBOL	HM 504C					
SURNAME	H. Powell					
DATE	8-23-89					

CURRENT LABEL

ACCEPTED
with COMMENTS
in EPA Letter Dated:
AUG 29 1989

Under the Federal Insecticide,
Fungicide, and Herbicide Act
as amended, for the pesticide
registered under EPA Reg. No.
1744-10



2/5

UN1017RQ
SUNNY SOL® BRAND
CHLORINE
LIQUEFIED GAS
UNDER PRESSURE
NON FLAMMABLE

FOR USE AS A DISINFECTANT AND ALGAEICIDE, by experienced personnel only, in municipal water supplies, sewage and waste management plants, and in commercial and industrial swimming pools; as a slimeicide in water cooling systems and in paper mills; and in Repackaging into portable cylinders. 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



FIRST AID: In case of inhalation exposure remove patient to fresh air. It may be necessary to remove clothing. Keep warm by covering with a blanket and keep quiet. Call a physician. If breathing has ceased, administer artificial respiration.

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 cylinder. Keep away from intense heat or open sunlight. Corrosive to most metal in the presence of moisture.

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

*Meets ANSI/AWWA B301-87



ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 29 1989

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

1744-10

**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, 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 & DISPOSAL. Chlorine Cylinders are designed for reuse and must be returned to the supplier. Cylinders must not be stored where they will be exposed to temperatures warmer than 54.5°C (130°F). Cylinders to be returned should be identified with DOT Tag or label and shipped in accordance with suppliers instructions.

PESTICIDE WASTES ARE ACUTELY HAZARDOUS. IMPRCPER 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 FOOD OR ANIMAL FEED BY STORAGE OR DISPOSAL.

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

Return Empty Cylinder and
Valve Protection Hood to:

JONES CHEMICALS, INC.
1200 Jarvis Road
Mobile, Al 36614
Phone: (205) 457-1337

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

NET WT.: 150 Lbs.

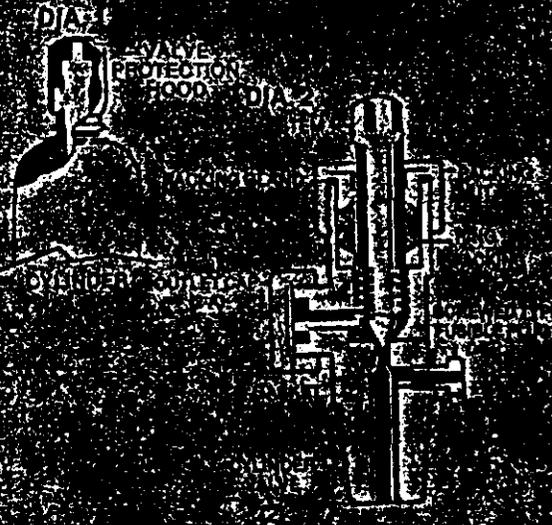
4/5

Turn stem one full turn counterclockwise to open valve (2). Do not use cylinder valve to regulate the chlorine flow. Use only valve handle to control flow. When valve is set to the open position, it is fully closed. NEVER FORCE THE VALVE STEM WITH enough force with the handle. Do not use any other implements for this purpose. Do not pack the cylinder or adjust the outlet flow rate, but rather use the main pressure control knob to regulate the flow rate. Do not use the cylinder valve to regulate the flow rate. Do not use the cylinder valve to regulate the flow rate. Do not use the cylinder valve to regulate the flow rate.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

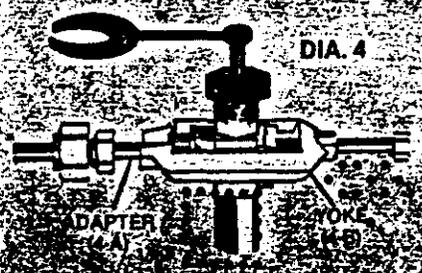
AUG 29 1989

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
1744-10



DO NOT REMOVE THIS TAG

DO NOT REMOVE THIS TAG



ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 29 1964

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

1744-10

5/5

GENERAL INSTRUCTIONS

Chlorine cylinders have pressure valves and will deliver gas chlorine in the upright position.

Connection of cylinders to charging liquid gas 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.

(continued on reverse;
diagrams on reverse)