

PM32

57379-1

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 57379-1	DATE OF ISSUANCE 30 MAR 1974
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Chlorine	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

CanadianOxy Industrial Chemicals
 Limited Partnership
 100 Amherst Avenue
 N. Vancouver, B.C. Canada V7H 1S4

BEST AVAILABLE COPY

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. 57379-1."
 - b. Expand the "Storage" instructions of the "Storage & Disposal" statement by adding the following:
 "Cylinders should be stored in a dry area away from sources of heat and protected from direct sunlight and precipitation. Cylinders must not be stored where they will be exposed to temperatures warmer than 54.5°C (130°F). 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 cylinders must have a weather resistant label attached near the outlet valve and must not be accessible to the public."

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE 30 MAR 1974
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c. Expand the "Container Disposal" instructions of the "Storage & Disposal" statement to include the following language: "All valves must be closed tight and closures or caps secured. If container is damaged, or if the contents are leaking notify the supplier immediately. It is illegal to ship a leaking chlorine container."

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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

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**DIRECTIONS FOR USE
GENERAL CLASSIFICATION**

It is a violation of Federal law to use this product in a manner inconsistent with the labeling.

USE AS A DISINFECTANT, by experienced personnel only, in municipal water supplies, sewage and waste management plants, in accordance with applicable local, state and federal regulations.

USE IN MANUFACTURING PROCESSES, by trained personnel only, in production of bleach plastics, chlorinated solvents, refrigerants, etc. and intermediates for products containing no chlorine. Proper training in safety and use of protective equipment are essential. Well designed and maintained handling and processing facilities are required.

STORAGE AND DISPOSAL

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

Storage: Do not place chlorine containers near heat or fire. Store remote from other chemicals.

Pesticide Disposal: 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.

Container Disposal: Return empty chlorine tankcars and cargo tanks containing residual gas and/or liquid to the supplier in accordance with applicable DOT regulations.

Handling: Provide special training to workers handling chlorine. Handling and storage of chlorine containers should be in accordance with local, state and federal regulations. Regularly test and inspect piping and containment used for chlorine service. Liquid levels should be 85% of tank or cylinder capacity.

In the Event of Fire: Remove chlorine containers from fire zone immediately. Use water to keep containers cool which cannot be moved, but do not use water on source of a chlorine leak. Use water spray to direct chlorine away from persons affecting shut-off. Wear full protective clothing and self-contained breathing apparatus.

**FOR ASSISTANCE IN CHEMICAL EMERGENCY,
CALL CHEMTREC 800-424-9300**

**Spills of 10 pounds or more must be reported to the
NATIONAL RESPONSE CENTER 1-800-424-8802**

UN 1017
HMIS HAZARD RATING
HEALTH 3
FLAMMABILITY 0
REACTIVITY 0

CAS No. 7782-50-5

CL2 AVAILABLE 1987



APPROXIMATE NET CONTENTS: 55 or 90 TONS
EPA REG. NO.
EPA EST. NO. 57379-CN05

ACCEPTED
with COMMENTS
in EPA Letter Dated:



CanadianOxy Industrial Chemicals Limited Partnership
100 Amherst Avenue
North Vancouver, B.C. V7H 1S4
(604) 929-3441

30 MAR 1994

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

57379-1

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CanadianOxy Industrial Chemicals Limited Partnership

Chlorine

LIQUEFIED GAS UNDER PRESSURE
NON FLAMMABLE

ACCEPTED
with COMMENTS
in EPA Letter Dated
30 MAR 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No. 57371-1

ACTIVE INGREDIENT:

Chlorine 99.9%

INERT INGREDIENTS: 0.1%

DANGER



POISON

**HAZARDOUS LIQUID AND GAS UNDER PRESSURE
MAY CAUSE CHEMICAL PNEUMONIA AND EVEN DEATH IN HIGH CONCENTRATIONS
MAY CAUSE SEVERE IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT
LIQUID MAY BURN EYES AND SKIN
CAN REACT EXPLOSIVELY WITH ORGANIC PRODUCTS**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Fatal if inhaled. Do not breath air containing this gas. Do not get in eyes, on skin, or on clothing. Corrosive to eyes, skin and mucous membranes in presence of moisture. Do not handle or use until manufacturer's Material Safety Data Sheet has been read and understood. Wear face shield, goggles and rubber gloves when handling. Use NIOSH/MSHA approved respirator and local exhaust ventilation where vapor may be generated.

ENVIRONMENTAL HAZARDS

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 you State Water Board or Regional Office of the EPA.

CHEMICAL-PHYSICAL HAZARDS

Chlorine is a non-flammable gas, liquified, under pressure. Do not heat container. Avoid contact with organic products to prevent explosive reaction. Corrosive to most metals in presence of moisture.

STATEMENT OF PRACTICAL TREATMENT

(FIRST AID)

FOR EYES: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids apart to ensure flushing of entire eye surface. Washing eyes within several seconds after exposure is essential to achieve maximum effectiveness. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

SKIN: Treat for inhalation first. Remove contaminated clothing under safety shower. Flush exposed skin with water. Wash with soap and water. If irritation is present after washing, **GET MEDICAL ATTENTION.**

INHALATION: Remove to fresh air. Administer oxygen until victim breathes easily. Keep warm and at rest. In mild cases, give milk to relieve irritation. **DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION AS SOON AS POSSIBLE.**

INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If swallowed, **DO NOT INDUCE VOMITING.** Give large quantities of water. (If available, give several glasses of milk.) If vomiting occurs spontaneously, keep airway clear and give more water. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

