

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**Office of Pesticide Programs**

Irene Boone
Brentag Canada Inc.
43 Jutland Road
Toronto, Ontario, Canada M8Z2G6

MAY 12 2010

Subject: Chlorine
EPA Registration No. 86027-3
Application Dated: January 21, 2010
Receipt Dated: February 18, 2010

FILE COPY

Dear Ms. Boone:

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

Conditions:

1. The "Hazard to Humans and Domestic Animals (Precautionary Statements)" must appear on the front panel.
2. Revise the Hazards to Humans and Domestic Animals statement as follows:

DANGER: Fatal if inhaled or absorbed through skin. Corrosive. Causes irreversible eye damage and skin burns. Do not breathe vapors or get in eyes, on skin or on clothing. Wear goggles or protective clothing and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or going to the toilet. Remove and wash contaminated clothing before reuse.

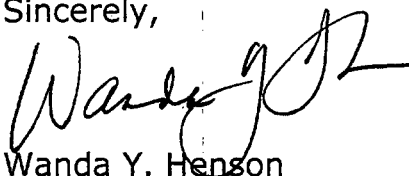
3. The routes of exposure must be listed in order of severity in the First Aid section of the label. Therefore, you must list the routes as follows for this product: If Inhaled, If On Skin, If In Eyes, If Swallowed.

General Comments:

A stamped copy of the accepted labeling with conditions is enclosed. Submit one 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 me at Henson.Wanda@epa.gov or call (703) 308-6345.

Sincerely,

A handwritten signature in black ink, appearing to read "Wanda Y. Henson". The signature is fluid and cursive, with a large initial "W" and a stylized "H" at the end.

Wanda Y. Henson
Acting Product Manager - Team 32
Regulatory Management Branch II
Antimicrobials Division (7510C)

Draft labeling-EPA Reg. No. 86027-3
Rev 2/2010

CHLORINE

ACCEPTED
with COMMENTS
in EPA Letter Dated:

Liquefied Gas Under Pressure
Non Flammable

MAY 12 2010
Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. **86027-3**

ACTIVE INGREDIENT:
Chlorine.....99.9%
OTHER INGREDIENTS....00.1%
TOTAL.....100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER (skull & crossbones picture in red) 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

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.
- Call a poison control center or doctor for treatment advice.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for treatment advice.

If swallowed:

- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact the Poison Control Center at 1-800-222-1222 for emergency medical treatment.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS
PRECAUTIONARY STATEMENTS**

DANGER: Fatal if inhaled or absorbed through 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. Wash hands thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment: Handlers must wear long-sleeved shirts, long pants, shoes, and socks and use a NIOSH/MSMA approved respirator where vapor may be generated.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not discharge effluent contain 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 AND PHYSICAL HAZARDS

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

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Refer to the appropriate Chlorine Institute Pamphlet for instructions on the required product use and safety procedures. Before using this product, handlers must be trained how to appropriately use respirators that conform to OSHA requirements (described in 29 CFR Part 1910.134) and how to appropriately handle and use chlorine. The product, including dispensing equipment, must be handled and used in accordance with the practices specified by all applicable product labeling and the appropriate Chlorine Institute Pamphlet. Use only in well ventilated areas.

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

To contact the Chlorine Institute, call (703)741-5760 or visit its website at www.CL2.com

| | |
|-------------------------------|------------------|
| Chlorine Manual | CI Pamphlet #1 |
| Emergency Response | CI Pamphlet #64 |
| Personal Protective Equipment | CI Pamphlet #65 |
| Cylinders at Swimming Pools | CI Pamphlet #82 |
| Potable Water Treatment | CI Pamphlet #155 |
| Wastewater Treatment | CI Pamphlet #155 |

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 tank cars and cargo tanks containing residual gas and/or liquid to the supplier in accordance with applicable DOT regulations. 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.

Refillable container. Refill this container with chlorine only. Do not reuse this container for any other purposes. Cleaning the container before the final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

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.

Page 4

Draft labeling- Chlorine, EPA Reg. No. 86027-3

Rev 2-10

FOR ASSISTANCE IN CHEMICAL EMERGENCY, call the NATIONAL PESTICIDE TELECOMMUNICATIONS NETWORK at 1-800-858-7378, 7 days a week, 6:30 AM to 4:30 PM PST except holidays.

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

APPROXIMATE NET CONTENTS: 150 lb. cylinder, 2000 lb. cylinder

| | |
|------------------------------|--------------------|
| EPA Reg. No. 86027-3 | UN 1017 |
| | HMIS Hazard Rating |
| ○ EPA Est. No. 86027-CAN-001 | Health 3 |
| ○ EPA Est. No. 86027-CAN-002 | Flammability 0 |
| ○ EPA Est. No. 86027-CAN-003 | Reactivity 0 |

(NSF logo)

This product is tested and certified by NSF to NSF/ANSI 60 for materials safety.

Maximum Use Level for Potable water 30.0 mg/l

Sold by:

Brenntag Canada Inc

43 Jutland Road

Toronto, Ontario

Canada M8Z 2G6