

86027-3

10/30/2009

1096



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Antimicrobials Division (7510P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:
86027-3

Date of Issuance:
OCT 30 2009

Term of Issuance:
Conditional

Name of Pesticide Product:
Chlorine

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Brenntag Canada Inc.
43 Jutland Road
Toronto, Ontario, Canada M8Z 2G6

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above 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. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 (OPP Decision No. D-418973) is registered in accordance with FIFRA sec 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Revise the "EPA File Symbol to read, "EPA Reg. No. 86027-3".

Signature of Approving Official:

for
Emily Mitchell
Product Manager Team-32
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

OCT 30 2009

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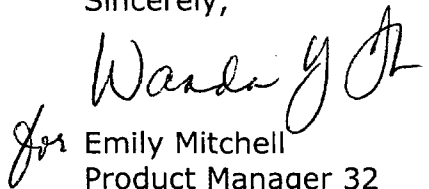
EPA Registration No. 86027-3
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- b. The actual "Skull and Crossbones) symbol must appear on the label.
 - c. This product is intended to be a Manufacturing-Use only product. Therefore, the statement "For manufacturing-use only in the formulation of end use products intended as" must precede Municipal Water Supplies and Waste Management Plants.
 - d. The following statement has been added to the label to comply with the manufacturing use requirement "Reformulators and repackagers of this product must obtain their own registrations from the Environmental Protection Agency."
 - e. The non-pesticidal language has been removed from the label. This language is inconsistent with the proposed pesticidal use sites/patterns.
 - f. Update the Container Disposal language to include "Refillable" use directions.
3. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised 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,



For Emily Mitchell
Product Manager 32
Regulatory Branch II
Antimicrobials Division (7510P)

Enclosures: (Stamped Label)

Draft labeling-7/09

ACCEPTED
with COMMENTS
EPA Letter Dated:

CHLORINE

OCT 30 2009

Liquefied Gas Under Pressure
Non Flammable

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 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. **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. Refer to the "Chlorine Manual" published by the Chlorine Institute, Inc, for instructions on safety procedures. Before working with this product, handlers must be trained how to appropriately use respirators that conforms to OSHA requirements (described in 29 CFR Part 1910.134) and how to appropriately handle and use chlorine. This product, including dispensing equipment, must be handled and used in accordance with the practices specified by all applicable product labeling and the "Chlorine Manual" published by The Chlorine Institute, Inc. Use only in well ventilated areas.



Reformulators and Repackager of this product must obtain their own registrations from the Environmental Protection Agency.

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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.

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 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

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Draft labeling- Chlorine, EPA Reg. No. 86027-7/09

APPROXIMATE NET CONTENTS: 55 or 90 Tons

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