

71413-1

01-27-2004

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

January 27, 2004

Cristina Griffin
Delta Analytical Corp.
7910 Woodmont Avenue
Suite 1000
Bethesda, MD 20814

Subject: Canadian Miraclean Products, Ltd.
Chlorine
EPA Registration No. 71413-1
Application Date: October 30, 2003
Receipt Date: November 3, 2003

Dear Ms. Griffin:

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

- revised label

General Comments

A stamped copy of the accepted labeling 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,

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

CONCURRENCES							
SYMBOL	7510C						
SURNAME	Mitchell						
DATE	1-27-04						

Canadian Miraclean Products Ltd.

LIQUEFIED GAS UNDER PRESSURE

NON FLAMMABLE

ACCEPTED
 JAN 27 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 71413-1

ACTIVE INGREDIENT:

Chlorine 99.9%

OTHER INGREDIENTS: 0.1%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

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

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Call a 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 Center at 1-800-222-1222 for emergency medical treatment.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Fatal if inhaled or absorbed through skin. Corrosive. Causes irreversible eye damage and skin burns. Do not breath vapors or get in eyes, on skin, 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 or frequently reported skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment: Handlers must wear long-sleeved shirts, long pants, shoes, and socks.

In Case of Spill or Leakage: Under normal use-conditions, no protective eyewear, respirator, or gloves are required. However, in case of a spill or leak, handlers must wear chemical-resistant gloves (such as nitrile or butyl) and a full-face canister-style (gas mask) respirator with a canister approved for chlorine (MSHA/NIOSH approval number prefix TC-13F). Since there is always the possibility of a spill or leak, gloves and a respirator of a type specified above must be available and are required for anyone entering into an affected area in the event of a leak or spill.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. 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. Keep away from intense heat or open sunlight. 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 the labeling. Refer to the "Chlorine Manual" published by The Chlorine Institute, Inc. for instructions on the required product use and safety procedures. Before working with 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. 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.

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. 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.

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

APPROXIMATE NET CONTENTS: 150 lbs. or 2000 lbs.

UN 1017
HMIS HAZARD RATING
HEALTH 3
FLAMMABILITY 0
REACTIVITY 0

CAS No. 7782-50-5

MADE IN CANADA

Canadian Miraclean Products Ltd.
12431 Horseshoe Way,
Richmond, British Columbia V7A 4X6
Canada

EPA Reg. No. 71413-1

EPA Est. No. 71413-CAN-001