

7151-4

12/28/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

DEC 28 2010

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr. Bob Smith
Technical Director
Alexander Chemical Corporation
First Road, Kingston Industrial Park
Kingston, IN 46345

Subject: **Chlorine**
EPA Registration Number: 7151-4
Application Date: October 01, 2010
Receipt Date: October 01, 2010

Dear Mr. Smith:

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

Proposed Amendment

Chlorine label updated to comply with the revisions required in the Reregistration Eligibility Decision (RED) document dated 1995.

General Comments

A stamped accepted label is enclosed for your records. Submit a final printed label before distributing or selling the product bearing the revised labeling.

If you have further questions concerning this letter, then please contact me by telephone at (703) 308-6345 or by e-mail at henson.wanda@epa.gov or Glen McLeod by telephone at (703) 347-0181 or by email at mcLeod.glen@epa.gov. When you are submitting information or data in response to this letter, send a copy of this letter to accompany the submission in order to facilitate processing.

Sincerely,

Ms. Wanda Y. Henson
Acting Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)

SYMBOL	7510P	7510P					
SURNAME	GMC	W. Henson					
DATE	12-28-10	12-28-10					

CHLORINE
LIQUEFIED GAS UNDER PRESSURE
Non-Flammable
UN1017

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

ACTIVE INGREDIENT: Chlorine..... 99.5%
 INERT INGREDIENTS:..... 0.5%
 TOTAL:..... 100%

KEEP OUT OF REACH OF CHILDREN

ANGER POISON

FATAL IF INHALED. LIQUID CAUSES SEVERE BURNS
 EPA Reg. No. 7151-4 EPA Est. No. 7151-IN-001

FIRST AID

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 poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: Take off contaminated clothing immediately. Rinse skin immediately with plenty of soap and water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing. Call poison control center or doctor for treatment advice.

IF SWALLOWED: Call poison control center or doctor immediately for treatment advice. Have a 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.

NOTE TO PHYSICIAN

Symptoms may become more severe up to 36 hours after exposure including pulmonary edema. Probable mucosal damage may contraindicate the use of gastric lavage.

HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR MEDICAL PHYSICIAN, OR GOING FOR 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 breathe vapors in eyes, on skin or clothing. Wear goggles, protective clothing and 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 repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirts, long pants, shoes, and socks.

IN CASE OF SPILL OR LEAKAGE

Handlers must wear chemical-resistant gloves (such as nitrile or butyl) and a full-face canister-style (gas mask) respirators approved for chlorine (MSHA/NIOSH approval number prefix TC-146) or self-contained breathing apparatus (SCBA) (MSHA/NIOSH approval number prefix TC-19). 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 pesticide is toxic or highly toxic to fish and aquatic invertebrates. 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 your State Water Board or Regional Office of the EPA.

PHYSICAL & CHEMICAL HAZARDS: Chlorine is a non-flammable gas, liquefied, under pressure. Do not drop container. Do not heat container. Keep away from intense heat or open sunlight. Corrosive to most metals in the 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 Chlorine Manual published by the Chlorine Institute 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. Use only in well ventilated areas.

STORAGE AND DISPOSAL

LEAK PROCEDURES: Make daily inspections for leaks. Stop a leak at once, since it will become worse with time.

In case of a leak, evacuate everyone from the immediate area. For entry into the affected area to correct problem, wear personal protective equipment (including prescribed respirators) specified in the Hazards to Humans section of this labeling. When possible, move leaking or damaged cylinders outdoors or to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow any liquid chlorine to evaporate. Only correctly trained and Personal Protective Equipment (PPE)-equipped handlers are permitted to perform such cleanup. Do not permit entry into the leak area by any other person until the chlorine has completely dispersed.

Meets ANSI/AWWA B301

Repackaged by:

Alexander Chemical Corporation
 7593 South First Road
 Kingsbury Industrial Park
 Kingsbury, IN 46345
 (219) 393-5558

FOR EMERGENCY ASSISTANCE
CALL CHEMTREC: 800/424-9300
DO NOT REMOVE THIS LABEL



INHALATION HAZARD

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STORAGE: Store cylinders and ton containers in a dry area away from sources of heat and protected from direct sunlight and precipitation. Do not store in excessive heat. Segregate chlorine containers from other compressed gases, and never store near hydrocarbons, finely divided metals such as filings or granules, turpentine, ether, anhydrous ammonia, or other flammable materials. All storage containers and cylinders must have a weather resistant label and must not be accessible to the general public. Do not drop container. If container is damaged or leaking, refer to procedures in the Chlorine Manual published by the Chlorine Institute and/or notify supplier immediately.

DISPOSAL: Refillable container. Refill this container with Chlorine Gas only. Do not reuse this container for any other purpose. Container is returnable and must be properly identified with return tag and returned as promptly as possible to supplier according to prescribed instructions and practices recommended by the Chlorine Institute. All valves must be closed tight and closures or caps secured. It is illegal to ship a leaking chlorine container.

Pesticide Wastes are acutely hazardous. Improper disposal or excess pesticide, spray mixture, or rinseate is a violation of Federal law. If these wastes can not be disposed of by use according to label instruction, contact your State Pesticide or Hazardous Waste representative at the nearest EPA regional office for guidance.

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



CORROSIVE

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OXIDIZER

5.1

NSF

Certified to NSF/ANSI 60
 Max Use Level-30mg/L

To contact the Chlorine Institute, call (703) 894-4140 or visit the Chlorine Institute website at www.CL2.com or at www.chlorineinstitute.org The Chlorine Institute has pamphlets that cover all aspects of chlorine handling including the following.

- Cl Pamphlet#001 Chlorine Manual
- Cl Pamphlet#006 Piping Systems for Dry Chlorine
- Cl Pamphlet#009 Chlorine Vaporizing Systems
- Cl Pamphlet#063 First Aid, Medical Management/Surveillance and Occupational Hygiene Monitoring Practices for Chlorine
- Cl Pamphlet#064 Emergency Response
- Cl Pamphlet#065 Personal Protective Equipment
- Cl Pamphlet#073 Atmospheric Monitoring Equipment for Chlorine
- Cl Pamphlet#089 Chlorine Scrubbing Systems
- Cl Pamphlet#095 Gaskets for Chlorine Service
- Cl Pamphlet#155 Water and Wastewater Chlorine Operators Handbook

ACCEPTED
 DEC 28 2010
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, and authorized, for the pesticide registered under EPA Reg. No. 7151-4