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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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WASHINGTON, D.C. 20460

JAN - 6 2011

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr. Wayne Penick
Manager of Safety, Health & Security
DPC Industries, Inc.
P.O. Box 24600
Houston, TX 77229

Subject: ~~DEI~~-Chlorine
EPA Registration No. 813-10
EPA Receipt Date: 10/22/2010

Dear Mr. Smith,

This letter acknowledges receipt of your materials submitted under the provisions of FIFRA section 3(c)9 and Chlorine RED 1999 label requirements.

Proposed

- Chlorine label Update

General Comments

Based on a review of the submitted materials, your update to the Chlorine label of EPA Registration Number 813-10 is acceptable and apart of the records on file.

Should you have any questions or comments concerning this letter, you may 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 e-mail at mcleod.glen@epa.gov. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

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

CONCURRENCES

SYMBOL	SURNAME	DATE					

COMPRESSED CHLORINE GAS

(CHLORINE LIQUEFIED GAS UNDER PRESSURE)
Chlorine, Hazard Class 2.3 (8), UN1017, Poison-Inhalation Hazard Zone B, RQ

ACTIVE INGREDIENT:	
Chlorine	99.5%
OTHER INGREDIENTS:.....	
Total	100.0%

DANGER: Empty Cylinders and Tons Contain Chlorine Residue.
Always Return Empty Cylinders and Tons with Valve Protective Housing.

ACCEPTED

JAN - 6 2011

Under the Federal Insecticide, Fungicide, and Rodenticide, Act as amended, for the pesticide, registered under EPA Reg. No. 813-10

KEEP OUT OF REACH OF CHILDREN



DANGER POISON

FATAL IF INHALED
LIQUID CHLORINE CAUSES SEVERE BURNS

<p>DPC Industries, Inc. 1919 Jacintoport Blvd. Houston, TX 77015 281-457-4888</p>	<p>EPA Reg. No. 813-10 EPA Est. No. 813-TX-001 For 24 Hour Emergency Information Call CHEMTREC 800-424-9300</p>
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Net Contents: 150 lbs. 2000 lbs. Other _____

FOR USE AS A DISINFECTANT BY EXPERIENCED PERSONNEL ONLY.
In municipal water supplies, sewage and water management plants,
industrial use, residential and commercial swimming pools.



Certified to ANSI/NSF Standard
60. Maximum use in potable
water is 30 mg/L.

DO NOT REMOVE THIS TAG

PRECAUTIONARY STATEMENTS

INHALATION: If inhaled, move person to fresh air and get medical attention immediately. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. If breathing is difficult, oxygen should be administered by qualified personnel. Call poison control center or medical physician for treatment advice.

SKIN IRRITATION (SKIN OR CLOTHING CONTACT WITH LIQUID CHLORINE): In case of skin contact, immediately flush skin with plenty of water for at least 30 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Destroy contaminated shoes.

SKIN IRRITATION (CONTACT WITH GASEOUS CHLORINE): In case of skin contact, immediately flush skin with plenty of water for at least 30 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Destroy contaminated shoes.

INGESTION: If swallowed, call poison control center or medical physician immediately for treatment advice. Have the product label with you when calling or going for medical treatment. Have exposed 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 medical physician. DO NOT give anything by mouth to an unconscious person.

EYE: In case of eye contact, immediately flush eyes with plenty of water for at least 30 minutes. Remove contact lenses, if present, after the first 5 minutes then continue rinsing eyes. Get medical attention immediately.

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.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Harmful if inhaled or absorbed through the 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 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 frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT

Personal protective equipment requirements will vary depending on how the chlorine is being used. Refer to Chlorine Institute Pamphlet # 65 for specific recommendations. Applicators and other handlers must wear long-sleeved shirts, long pants, shoes and socks.

Under normal use conditions, no protective eyewear, respirator, or gloves are required.

In Case of Spill or Leakage: Handlers must wear chemical-resistant, waterproof, insulated gloves (such as nitrile or butyl), rubber boots and a full-face respirators approved for chlorine (MSHA/NIOSH approval number prefix TC-14G) or self contained breathing apparatus (SCBA) (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 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 AND CHEMICAL HAZARDS

Chlorine is a non-flammable gas stored and shipped as a liquefied gas under pressure. Do not drop or heat the container. Keep away from heat. Chlorine is 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. Before working with this product, handlers must be trained how to appropriately handle and use chlorine. Use only in well ventilated areas.

Refer to the appropriate Chlorine Institute Pamphlet for instructions on the required product use and safety procedures. NEVER TAMPER WITH FUSIBLE PLUGS OR ATTEMPT TO ALTER OR REPAIR CYLINDERS, TONS OR VALVES. This 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. To contact the Chlorine Institute, call (703) 741-5760 or visit its website at www.CL2.com.

Chlorine Manual	CI Pamphlet #1	Personal Protective Equipment	CI Pamphlet #65
Piping Systems	CI Pamphlet #6	Railcar Handling	CI Pamphlet #66
Chlorine Packaging Plants	CI Pamphlet #17	Cylinders at Swimming Pools	CI Pamphlet #82
Cargo Tank Handling	CI Pamphlet #49	Water and wastewater Operators	
Emergency Response	CI Pamphlet #64	Chlorine Handbook	CI Pamphlet #155

Applications:

- Only for formulation into an algacide, slimicide, disinfectant or sanitizer and for the following uses(s):
- As a disinfectant in potable and wastewater treatment,
- As a disinfectant and algacide in non-residential swimming pools,
- As a disinfectant and algacide in pulp and paper process water systems, and
- For cooling tower water treatment,
- As a sanitizer for wash water treatment of food handling premises and equipment,
- For wash water for raw agricultural commodities,
- For repackaging into smaller containers, or
- For manufacture of sodium hypochlorite.

The registrant is solely responsible for the safety of the servicing equipment used with this pesticide, and for the repackaging of this gas from the larger containers into portable cylinders and ton containers. Each repackager must obtain its own EPA Registration Number for this pesticide for this use, and its own EPA Establishment Number from the EPA. Repackagers may only dispense this product to portable containers that are approved for chlorine and are appropriately labeled.

STORAGE AND DISPOSAL

Storage: Store cylinders and ton containers in a dry area away from sources of heat and protected from intense sunlight. 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 and the appropriate Chlorine Emergency Kit Manual and/or notify supplier immediately.

Leak Procedures: Make daily inspections for leaks. Stop a leak at once, since it will become worse with time. In case of 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 to perform such cleanup. Do not permit entry into the leak area by any other person until the chlorine has completely dispersed.

Disposal Of Container: 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 in CI Pamphlet # 76 for cylinders and ton containers, CI Pamphlet # 49 for chlorine cargo tanks and CI Pamphlet # 66 for tank cars. All valves must be closed tight and closures or caps secured. It is illegal to ship a leaking chlorine container. Follow U.S. DOT regulations for returning empty containers, including proper installation of valve protective housing for all storage and shipments. Refillable container. Refill this container with Chlorine Gas only. Do not reuse this container for any other purpose.