

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Best Available Image

JUN 4 1998

Mr. Wayne L. Penick
DPC Industries, Inc.
P. O. Box 130410
Houston, TX 77219

Dear Mr. Penick:

Subject: Dixichlor Max
EPA Registration No. 813-15
Your Amendment Dated September 11, 1997

This is in response to your amendment of revised labeling for the subject product.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable subject to the following comment.

Revise the "Environmental Hazards" statement to read: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, estuaries, oceans, or public 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

A stamped copy is enclosed for your records. Submit one copy of the revised final printed label.

If you have any questions, please call Marianne Clark at (703) 308-6381.

Sincerely yours,



Robert S. Brennis
Product Manager (32)
Regulatory Management Branch II
Antimicrobial Division (7504C)

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

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

DANGER: Corrosive. May cause severe skin irritation or chemical burns to broken skin. Causes eye damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield and rubber gloves (PVC or Nitrile) when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until odors have dissipated.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, estuaries, oceans, or public waters unless this product is specifically identified and addressed in a NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS: STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with gross filth such as feces, urine, etc. or with ammonia, acids, detergents or other chemicals will release hazardous gases irritating to eyes, lungs and mucuous membranes.

NO WARRANTY, EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, IS MADE, EXCEPT THAT THE PRODUCT CONFORMS TO SELLER SPECIFICATIONS. BUYER ASSUMES ALL RISK OF USE, STORAGE AND HANDLING. SELLER SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING DIRECTLY OR INDIRECTLY IN CONNECTION WITH THE PURCHASE, USE, STORAGE OR HANDLING OF THE PRODUCT

**NET CONTENTS:
54 GALLONS**

**Manufactured by
DPC INDUSTRIES, INC.**

3501 2nd St. SW, Albuquerque, NM 87102 (713) 457-4888

**FOR 24 HOUR EMERGENCY INFORMATION
CALL CHEMTREC: 1(800) 424-9300**

9403 DPC (4/94)

DIXICHLOR MAX

ACTIVE INGREDIENT:	% BY WT.
SODIUM HYPOCHLORITE	12.5%
INERT INGREDIENTS	87.5%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT
NOTE TO PHYSICIAN

- IF SWALLOWED:** Drink promptly a large quantity of water. Do not induce vomiting. Avoid alcohol. Get medical attention.
- IF IN EYE:** Flush with plenty of water for 15 minutes. Get medical attention.
- IF ON SKIN:** Wash with plenty of soap and water. Get medical attention if irritation persists.

EPA REG. NO. 813-15

EPA EST. NO. 00813-NM-001

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

STORAGE AND DISPOSAL:

Store in a cool, dry area away from direct sunlight. In case of spill, flood area with large quantities of water. Triple rinse empty container. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Product or rinseate that cannot be used should be diluted with water and disposed of in a sanitary sewer. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

Desired Strength Available Chlorine (By Weight)	Gallons Water	Liquid Ounces Sodium Hypochlorite
5 PPM	100	5
10 PPM	100	10
15 PPM	100	15
25 PPM	100	25
35 PPM	100	35
50 PPM	100	50
100 PPM	10	10
200 PPM	10	20
500 PPM	10	50
600 PPM	10	60
1000 PPM	10	100
5000 PPM	10	500
10000 PPM	10	1000

IMPORTANT! ALL SANITIZING APPLICATIONS

FOR ALL FOOD CONTACT SURFACES AND OBJECTS—Remove food particles by flushing, scraping and, when necessary, soaking. Wash thoroughly with a good detergent or compatible cleaner and rinse with potable water before application of DIXICHLOR solution. Wet all surfaces thoroughly with DIXICHLOR solution by immersion, flooding or spraying. Contact time must be at least two minutes. Drain solution and air dry. Do not wash with potable water after sanitizing. Dixichlor solutions must not be re-used for sanitizing purposes. Prepare a fresh solution daily if the old solution becomes diluted or soiled.

SANITIZATION OF POROUS FOOD CONTACT SURFACES

SPRAY/FOG METHOD — Pre-clean all surfaces after use. Prepare a 600 ppm available chlorine sanitizing solution of sufficient size by thoroughly mixing the product in a ratio of 6 oz. product with 10 gallons of water. Use spray or fogging equipment which can resist hypochlorite solutions. Always empty and rinse spray/fog equipment with potable water after use. Thoroughly spray or fog all surfaces until wet, allowing excess sanitizer to drain. Vacate area for at least 2 hours. Prior to using equipment, rinse all surfaces with a 200 ppm available chlorine solution. Prepare a 200 ppm sanitizing solution by thoroughly mixing 2 oz. of this product with 10 gallons of water.

SANITIZATION OF NONPOROUS FOOD CONTACT SURFACES

SPRAY/FOG METHOD — Pre-clean all surfaces after use. Use a 200 ppm available chlorine solution to control bacteria, mold or fungi and a 600 ppm solution to control

bacteriophage. Pre-mixing the product ppm solution by 10 gallons of water. U solutions. Always e Thoroughly spray c Vacate area for at lea a 600 ppm solution

For a new pool or spa 10,000 gallons of w level of available chl 7.2 and 7.6. Adjust t To maintain the pool, 10,000 gallons of w by weight. Stabilize chlorine. Test the pH with appropriate test and number of swin Every 7 days, or as n for each 10,000 gal Check the level of av: residual is between

At the end of the swi chlorine must be alor chlorinate the pool WINTERIZING POOLS 1000 gallons, whi determined by a sus potent: for winter by

DISINFECTANT: PUBLIC SYSTEMS: M feeding this solution least 0.2 ppm and no Check water frequen ed at a frequency no Water Regulations. C INDIVIDUAL SYSTEMS interior of the casing brush. This solution gallons of water. Ah through both the pipe cylinder also with the of chlorine in water is well until all traces of Health Department lo

NOTE: This product d necessary to obtain 2

REFER TO T FOR A

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 4 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No. 813-15

**HLOR
AX**

% BY WT.
..... 12.5%
..... 87.5%
..... 100.0%

OF CHILDREN
GER

TICAL TREATMENT
YSICIAN
large quantity of water. Do not
void alcohol. Get medical attention.
of water for 15 minutes. Get medical
of soap and water. Get medical
on persists.

EPA EST. NO. 00813-NM-001

MADE, EXCEPT THAT THE PRODUCT
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ASE, USE, STORAGE OR HANDLING

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Sanitized Strength Available (Parts Per Million)	Gallons of Water	Pounds of Sodium Hypochlorite
5 PPM	100	5
10 PPM	100	10
15 PPM	100	15
25 PPM	100	25
35 PPM	100	35
50 PPM	100	50
100 PPM	100	100
200 PPM	100	200
500 PPM	100	500
1000 PPM	100	1000
5000 PPM	100	5000
10000 PPM	100	10000

IMPORTANT! ALL SANITIZING APPLICATIONS

FOR ALL FOOD CONTACT SURFACES AND OBJECTS—Remove food particles by flushing, scrubbing and, when necessary, soaking. Wash thoroughly with a good detergent or compatible cleaner and rinse with potable water before application of DIXICHLOR solution. Wet all surfaces thoroughly with DIXICHLOR solution by immersion, flooding or spraying. Contact time must be at least two minutes. Drain solution and air dry. Do not wash with potable water after sanitizing. Dioxichlor solutions must not be re-used for sanitizing purposes. Prepare a fresh solution each time the old solution becomes diluted or soiled.

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SWIMMING POOL WATER DISINFECTION

For a new pool or spring start-up, superchlorinate with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Adjust and maintain pool water pH to between 7.2 and 7.6. Adjust and maintain the alkalinity of the pool to between 50 to 100 ppm.

To maintain the pool, add manually or by a feeder device 1 1/2 oz. of this product for each 10,000 gallons of water to yield an available chlorine residual between 0.6 to 1.0 ppm by weight. Stabilized pools should maintain a residual of 1.0 to 1.5 ppm available chlorine. Test the pH, available chlorine residual and alkalinity of the water frequently with appropriate test kits. Frequency of water treatment will depend upon temperature and number of swimmers.

Every 7 days, or as necessary, superchlorinate the pool with 52 to 104 oz. of product for each 10,000 gallons of water to yield 5 to 10 ppm available chlorine by weight. Check the level of available chlorine with a test kit. Do not reenter pool until the chlorine residual is between 1.0 to 3.0 ppm.

At the end of the swimming pool season or when water is to be drained from the pool, chlorine must be allowed to dissipate from treated pool water before discharge. Do not chlorinate the pool within 24 hours prior to discharge.

WINTERIZING POOLS — While water is still clear & clean, apply 3 oz. of product per 1000 gallons, while filler is running, to obtain a 3 ppm available chlorine residual, as determined by a suitable test kit. Cover pool, prepare heater, filter and heater components for winter by following manufacturer's instructions.

DISINFECTION OF DRINKING WATER (POTABLE)

PUBLIC SYSTEMS: Mix a ratio of 1 oz. of this product to 100 gallons of water. Begin feeding this solution with a hypochlorinator until a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations. Contact your local Health Department for further details.

INDIVIDUAL SYSTEMS: DWG WELLS Upon completion of the casing (lining) wash the interior of the casing (lining) with a 100 ppm available chlorine solution using a stiff brush. This solution can be made by thoroughly mixing 1 oz. of this product into 10 gallons of water. After covering the well, pour the sanitizing solution into the well through both the pipe sleeve opening and the pipeline. Wash the exterior of the pump cylinder also with the sanitizing solution. Start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from the water. Consult your local Health Department for further details.

NOTE: This product degrades with age. Use a chlorine test kit and increase dosage as necessary to obtain the required level of available chlorine.

REFER TO THE DIXICHLOR SUPPLEMENTAL BOOKLET FOR ADDITIONAL DIRECTIONS AND USES.

DANGER
THIS CONTAINER HAZARDOUS WHEN EMPTIED. Since emptied container retains product residues (vapor or liquid), all labeled hazard precautions must be observed.

HMIS

HEALTH	2
FLAMMABILITY	0
REACTIVITY	1

SPECIAL PROTECTION

DEGREE OF HAZARD
4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 4 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Acts
extended, for the pesticide
registered under EPA Reg. No. 813-15

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