

57787-6

11/13/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 13 2003

Mr. Richard Westman  
Haviland Consumer Products Inc.  
421 Ann Street, N.W.  
Grand Rapids, MI 49504-2075

Subject: Durachlor Granular  
EPA Registration Number 57787-6  
Application Date: 9/3/03  
Receipt Date: 9/12/03

Dear Mr. Westman:

The following amendment, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the condition listed below:

- To update the "first aid" statement in accordance with PR Notice 2001-1.
- To update the "storage and disposal" statement in accordance with PR Notice 2001-6.

**Condition**

Under the "First Aid Statement" add the statement "Have the product container or label with you when calling a poison control center or doctor, or going for treatment".

**General Comments**

A stamped copy of the accepted labeling is enclosed. Submit three (3) copies 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 Delores Williams at (703) 308-6372.

Sincerely  


Robert S. Brennis  
Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510C)

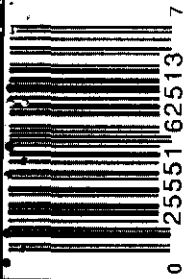
CONCURRENCES

SYMBOL	SURNAME	DATE						

# HAWLAND®

# DURACHLOR® Granular

An Organic Chlorinating Concentrate  
For Swimming Pools



Provides 62% available chlorine

KEEP OUT OF REACH OF CHILDREN

NET WT. 25 LBS. (11.339 Kg)

EPA Reg. No. 37757-6  
EPA Est. No. 37757-MI-481  
Packaged by:  
Hawland Consumer Products  
Grand Rapids, MI 49504  
67061

with COMMENTS  
EPA Letter Dated:

NOV 13 2003

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.  
57781-6

**PRECAUTIONARY STATEMENTS  
HAZARD TO HUMANS AND DOMESTIC ANIMALS.**

**DANGER**

**CORROSIVE: IRREVERSIBLE EYE DAMAGE. MAY BE FATAL IF INHALED. HARMFUL OR FATAL IF SWALLOWED OR ABSORBED THROUGH SKIN.**

Do not get in eyes, on skin or on clothing. Do not breathe dust, vapor or spray mist. Wear goggles, face shield or safety glasses. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**ENVIRONMENTAL HAZARD**

**THIS PESTICIDE 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 Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer system without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional office of EPA.

**PHYSICAL OR CHEMICAL HAZARD**

**STRONG OXIDIZING AGENT.** Contact with water slowly liberates irritating and hazardous chlorine containing gases. Decomposes at temperatures above 464°F with liberation of harmful gases. When ignited, will burn with the evolution of chlorine and equally toxic gases.

**NEVER** add water to product. Always add product to large quantities of water. Use clean, dry utensils. **DO NOT** add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic material, or other chemicals may start a chemical reaction with generation of heat, liberation of hazardous gases, and possible fire and explosion.

**IN CASE OF FIRE OR SMOKE:** Call the fire department. Do not attempt to extinguish the fire without a self-contained breathing apparatus (SCBA). Do not let the fire burn. Flood with copious amounts of water **DO NOT** use ABC or other dry chemical extinguishers since there is the potential of a violent reaction.

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This product is a fast dissolving stabilized chlorine germicide and algacide.

**PRIVATE POOLS:**

**SUPERCHLORINATION** Keep your water sparkling clean by adding 11 oz. of this product per 10,000 gallons of water, at least once a week, especially during excessive heat, when bathing loads are high, when water becomes dull looking or hazy, when there is a "chlorine" like smell or excessive eye irritation, or after heavy rains.

**Recommended Dosages:** Initially the pool should be treated with repeated dosages of 1 to 1 1/2 oz. of this product for each 10,000 gallons of pool water to satisfy the chlorine demand of the water. 1 oz. of this product per 10,000 gallons of water will apply approximately 0.5 ppm available chlorine. To maintain a desired level of 1.5 to 2.0 ppm of chlorine residual, add 1 to 1 1/2 oz. this product for each 10,000 gallons of water daily or as needed. Once every two weeks a shock dose of 5 ppm of chlorine should be made to prevent development of resistant species of algae.

**Wading Pools:** Initially the pool should be treated with repeated dosages of this product, 1 tsp. per 500 gallons. Repeated dosages may be necessary to satisfy the chlorine demand of the water. 1 tsp. per 500 gallons is equivalent to 2 ppm of available chlorine. Maintain chlorine levels of 1 ppm to about 2 ppm or 3 ppm.

**How to Figure Pool Capacity in Round Pools**

Diameter X Diameter X Average Depth (Figure in feet) X 5.9 = Capacity in Gallons

Pool Size	/Appx. Cap.	/Dosage
5' x 12'	125 gals.	1/4 tsp.
6' x 15'	250 gals.	1/2 tsp.
8' x 15'	500 gals.	1 tsp.
10' x 20'	1000 gals.	2 tsp.

To maintain a chlorine residual between 1 ppm and 3 ppm, add this product at the rate of 1/2 tsp. per 500 gallons when chlorine residual drops to 1 ppm. To use broadcast granules into water, allow granules to dissolve before using pool. Keep pH of water between 7.2 and 7.6. Use a test kit for chlorine and pH control.

Reentry into treated swimming pool/spas is prohibited above levels of 3 ppm of chlorine.

**STORAGE AND DISPOSAL**

**STORAGE:** Keep this product dry in a tightly sealed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. In case of decomposition, isolate container (if possible) and flood area with large amounts of water to dissolve all material before discarding the container.

**DISPOSAL:** Do not reuse empty container. Disposal Instructions: Call your local solid waste agency or 1-800-CLEANUP (253-2687) for proper disposal of empty containers and unused product.

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