

PM 23 4581-201 5-14-98

1076

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 4581-201	2. EPA Product Manager Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Aquathol Granular Aquatic Herbicide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Elf Atochem North America, Inc. Agrichemicals Division, 21st Floor 2000 Market Street, Phila., PA 19103-3222  <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b> <b>MAY 14 1998</b>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of: Addition of 2 new pests - hydrilla and hygrophila  
This notification is consistent with the provisions of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Christopher Davis		Title Registration Manager	Telephone No. (include Area Code) 215-419-7147
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped) .....
2. Signature 		3. Title Registration Manager	
4. Typed Name Christopher Davis		5. Date	

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NOTIFICATION

MAY 14 1998

Hi-Lited Copy

# AQUATHOL®

## GRANULAR AQUATIC HERBICIDE

**ACTIVE INGREDIENT:**

Dipotassium salt of endothall\* ..... 10.1

**INERT INGREDIENTS:** ..... 89.9

**TOTAL** ..... 100.0%

\* 7-oxabicyclo [2.2.1]heptane-2,3-dicarboxylic acid equivalent 7.2%

### KEEP OUT OF REACH OF CHILDREN DANGER

#### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES,** hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician.

**IF SWALLOWED,** Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

**IF ON SKIN,** Immediately flush with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before reuse.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsions may be needed.

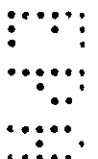
See side panel for additional Precautionary Statements.

EPA Registration No. 4581-201

EPA Establishment No. 4581-MI-1

Elf Atochem North America, Inc.  
2000 Market Street  
Philadelphia, PA 19103

Net Weight: lbs.



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

**DANGER**

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. HARMFUL IF SWALLOWED, ABSORBED THROUGH THE SKIN OR INHALED. Do not get in eyes. Wear goggles or face shield when handling. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

Avoid contact with or drift to other crops or plants as injury may result.

Do not use water from treated areas for irrigation or for agricultural sprays on food crops or for domestic purposes within 7 days of treatment.

Do not use fish from treated areas for food or feed within 3 days of treatment.

**GENERAL INFORMATION**

AQUATHOL GRANULAR is a granular aquatic herbicide for use in ponds and lakes which, under field test conditions has shown to be effective against a broad range of aquatic plants with a margin of safety to fish. Dosage rates indicated for the applications of AQUATHOL GRANULAR are measured in "Parts Per Million" (ppm). 1 ppm as a dosage rate means that there would be 1 part of AQUATHOL GRANULAR's active ingredient in 1,000,000 parts of water. Only 0.5 to 5 ppm are generally required for aquatic weed control, whereas some fish species are tolerant to approximately 100 ppm or over. For best results treat areas of one acre or more and/or margins of at least 100 feet in large bodies of water.

Thoroughly clean application equipment immediately after use.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**HOW TO APPLY:**

AQUATHOL GRANULAR is a contact herbicide, consequently, do not apply before weeds are present. Application as early as possible after weeds are present is recommended to permit use of lower application rates. However, for best results water temperature should be at a minimum of 65°F. If an entire pond is treated at one time, or if the dissolved oxygen level is low at the time of application, decay of weeds may remove enough oxygen from the water causing fish to suffocate. Water containing very heavy vegetation should be treated in sections to prevent suffocation of fish. Sections should be treated 5-7 days apart. Carefully measure size and depth of area to be treated and determine proper amount of AQUATHOL GRANULAR to apply. For best results apply on a calm day where there is little wave action.

Scatter AQUATHOL GRANULAR as evenly as possible over treated areas. A cyclone seeder is useful for this purpose. In instances where the nuisance to be controlled is an exposed surface problem (i.e., some of the broadleaved pond weeds) it is important to get good contact coverage of the problem.

Necessary approval and/or permits should be obtained in states where required.

### HOW TO DETERMINE DOSAGE RATE (Active Ingredient)

AQUATHOL GRANULAR is recommended for the control of the following aquatic weeds at the rates indicated. Since AQUATHOL GRANULAR's active ingredient is water soluble and tends to diffuse from the area treated, select the dosage rate applicable to the area to be treated. Use the lower rate in each range of rates when the growth is young and growing and/or where the weed stand is not heavy. Marginal treatments of large bodies of water require highest rates as indicated.

### WEEDS CONTROLLED AND AQUATHOL GRANULAR DOSAGE RATE CHART

COMMON NAME	LATIN NAME	ENTIRE POND OR LARGE AREA TREATMENT	SPOT OR LAKE MARGIN TREATMENT
Bass Weed	Potamogeton amplifolius	2.0-3.0 ppm	3.0-4.0 ppm
Bur Reed	Sparganium spp.	3.0-4.0 ppm	4.0-5.0 ppm
Coontail	Ceratophyllum spp.	1.0-2.0 ppm	2.0-3.0 ppm
Hydrilla	Hydrilla verticillata	2.0-3.0 ppm	3.0-4.0 ppm
Hygrophila	Hygrophila polysperma	4.0-5.0 ppm	5.0 ppm
Milfoil	Myriophyllum spp.	2.0-3.0 ppm	3.0-4.0 ppm
Pondweed			
Bushy	Najas spp.	0.5-1.5 ppm	2.0-3.0 ppm
Curly-Leaf	Potamogeton crispus	0.5-1.5 ppm	2.0-3.0 ppm
Flat-Stem	Potamogeton zosteriformis	2.0-3.0 ppm	3.0-4.0 ppm
Floating-Leaf	Potamogeton natans	1.0-2.0 ppm	2.0-3.0 ppm
Horned	Zannichellia spp.	1.0-2.0 ppm	2.0-3.0 ppm
Sago	Potamogeton pectinatus	1.0-2.0 ppm	2.0-3.0 ppm
	Potamogeton nodosus	2.0-3.0 ppm	3.0-4.0 ppm
	Potamogeton diversifolius	1.0-2.0 ppm	2.0-3.0 ppm
	Potamogeton filiformis	2.0-3.0 ppm	3.0-4.0 ppm
	Potamogeton pusillus	1.0-2.0 ppm	2.0-3.0 ppm
Water Star Grass	Heteranthera spp.	2.0-3.0 ppm	3.0-4.0 ppm

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**APPROXIMATE POUNDS OF AQUATHOL GRANULAR FOR ONE ACRE\*  
TREATMENT DOSAGE IN POUNDS FOR VARIOUS CONCENTRATIONS IN PPM**

DEPTH	0.5 ppm	1.0 ppm	1.5 ppm	2.0 ppm	2.5 ppm	3.0 ppm	4.0 ppm	5.0 ppm
1 Ft. Deep	13 lbs.	27 lbs.	40 lbs.	54 lbs.	67 lbs.	81 lbs.	108 lbs.	135 lbs.
2 Ft. Deep	27 lbs.	54 lbs.	81 lbs.	108 lbs.	134 lbs.	161 lbs.	215 lbs.	269 lbs.
3 Ft. Deep	40 lbs.	81 lbs.	121 lbs.	161 lbs.	202 lbs.	242 lbs.	323 lbs.	403 lbs.
4 Ft. Deep	54 lbs.	108 lbs.	161 lbs.	215 lbs.	269 lbs.	323 lbs.	430 lbs.	538 lbs.
5 Ft. Deep	67 lbs.	135 lbs.	202 lbs.	269 lbs.	336 lbs.	403 lbs.	538 lbs.	673 lbs.
6 Ft. Deep	81 lbs.	161 lbs.	242 lbs.	323 lbs.	403 lbs.	484 lbs.	646 lbs.	807 lbs.

**FOR 1000 SQUARE FEET TREATMENT  
DOSAGE IN POUNDS FOR VARIOUS CONCENTRATIONS IN PPM**

DEPTH	0.5 ppm	1.0 ppm	1.5 ppm	2.0 ppm	2.5 ppm	3.0 ppm	4.0 ppm	5.0 ppm
1 Ft. Deep	0.3 lbs.	0.6 lbs.	0.9 lbs.	1.2 lbs.	1.5 lbs.	1.9 lbs.	2.5 lbs.	3.1 lbs.
2 Ft. Deep	0.6 lbs.	1.2 lbs.	1.9 lbs.	2.5 lbs.	3.1 lbs.	3.7 lbs.	4.9 lbs.	6.2 lbs.
3 Ft. Deep	0.9 lbs.	1.9 lbs.	2.8 lbs.	3.7 lbs.	4.6 lbs.	5.6 lbs.	7.4 lbs.	9.3 lbs.
4 Ft. Deep	1.2 lbs.	2.5 lbs.	3.7 lbs.	4.9 lbs.	6.2 lbs.	7.4 lbs.	9.9 lbs.	12.4 lbs.
5 Ft. Deep	1.5 lbs.	3.1 lbs.	4.6 lbs.	6.2 lbs.	7.7 lbs.	9.3 lbs.	12.4 lbs.	15.4 lbs.
6 Ft. Deep	1.9 lbs.	3.7 lbs.	5.6 lbs.	7.4 lbs.	9.3 lbs.	11.1 lbs.	14.8 lbs.	18.5 lbs.

\*One acre equals approximately 208' times 208'

Where the area to be treated is greater than those listed in the charts proceed as follows:

- Compute the approximate surface acreage
- Compute the average depth
- Multiply a. by b. to determine the total number of acre/feet
- Multiply the pounds required at the 1 foot depth under the rate to be used by the number of acre/feet to determine total quantity to be used.

**STORAGE AND DISPOSAL**

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

**Storage Instructions:** Store in the original container, preferably in a locked storage area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling sweep up spillage and dispose of in accordance with the Pesticide Disposal Instructions listed below.

**Pesticide Disposal Instructions:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide 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 Instructions:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY AND DISCLAIMER**

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