



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

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Ms. K. Jayne Walz Product Registration United Phosphorus, Inc. 630 Freedom Business Center, Suite 402 King of Prussia, PA 19406

MAR 13 2008

SUBJECT:

Application for Pesticide Notification (PRN 98-10)

Request Alternate Brand Name "Aquathol G&C Aquatic Herbicide"

EPA Reg. No.70506-176

Application Dated February 25, 2008

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 02/25/08 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

Linda Arrington

Notifications & Minor Formulations Team Leader Registration Division (7505P)

Office of Pesticide Programs

Form Approved. OMB No. 2070-0060

<b>≎EPA</b>	Environmenta Washi	ington, DC 20	460			×	Am Oth		tion nent	OPP Identifier Num	nber
		<b>Applicati</b>	on for F	esticid	e - Sec	tion I	:				
1. Company/Product Number				2. EPA Product Manager 3. Proposed Classification						1	
70506-176			Joanne Miller X					[×	None Rest	tricted	
4: Company/Product (Name) Aquathol® G & C Aquatic Herbicide				PM#   23							
5. Name and Address of App United Phosphorus, Inc 630 Freedom Business King of Prussia, PA 194	Center, Suite 402	ode)		(b)(i), m to:	y product	is simil	ar or	ident	ical in co	FIFRA Section 3(o mposition and labe	eling
Check if this	is a new address			Produc	t Name						
<u> </u>			Sec	tion - II							
Amendment - Explain  Resubmission in resp  X Notification - Explain	onse to Agency letter	r dated		- []	Final printe Agency let "Me Too" / Other - Exp	ter date Applicat	d tion.	psons	to		
Explanation: Use addition Notification of Alternate Brand Name, Transfer. (Copy of the Transfer letter This notification is consistent with the this product. I understand that it is a 98-10 and 40 CFR 152.46, this produ	Aquathol® G & C Aquatic He included) provisions of PR Notice 98-11/iolation of 18 U.S.C. Sec. 10	erbicide, per PR No 0 and EPA regulati 01 to wilfully make	ons at 40 CFR any false state	e Company N 152.46, and r ment to EPA.	no other change I further under	es have be	en mad	de to the	labelling or th	ne confidential statement of	formula c
			Sect	ion - III							
1. Material This Product Will	Be Packaged In:				······································						
Child-Resistant Packaging	Unit Packaging		Water !	Nater Soluble Packaging 2. Type of					···		
Yes	Yes			Yes					Metal Plastic		
* Certification must	If "Yes" Unit Packaging wgt.	No. per If "Yes" ging wgt. container Package wgt			No. per			Glass Paper Other (S	ipecify)		
be submitted					L						
3. Location of Net Contents Lebel C	Information ontainer	4. Size(s) Re	itail Contair	ner		5. Loc	ation -]	of Lab	el Directio	ins	
6. Manner in Which Label is	······································	Litho Paper Stend	graph glued ciled		Othe	t					
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1. Contact Point (Complete	items directly below t	for identificati	on af indivi	duel to be	contacted,	if nece	ssary	, to pr	ocess this	application.)	<del></del>
Name Title K. Jayne Walz Regu				<u>-</u>					•	elephone No. ((neluce Area Code) 610) 491-2817	
I certify that the stater I acknowledge that an both under applicable I	y knowlinglly felse or		all attache						nglatere	6. Date Application Received (Stamped)	<u> </u>
2. Signature  K. Zyyye	Walz		3. Title Regu	latory	Manag	ger			  	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
4. Typed Name	100 A		5. Date							(((,	
K. Jayne Walz			2/2	25/09	3					τι. τι τ τ τ ς	



### United Phosphorus, Inc.

VIA: UNITED PARCEL SERVICE

630 Freedom Business Center Drive King of Prussia, PA 19406 (610) 491-2817 (phone) (610) 491-2810 (fax)

Arlington, VA 22202-4501

February 25, 2008

Document Processing Desk (Notification)
U.S. EPA - Office of Pesticide Programs (7504P)
Joanne Miller, PM Team 23
Room S-4900, One Potomac Yard
2777 South Crystal Drive

RE: Aquathol® K (EPA Reg. No. 70506-176) Alternate Brand Name

Dear Ms. Miller:

United Phosphorus, Inc. herein submits via notification a request for an alternate brand name for our aquatic herbicide end-use product: Aquathol K (EPA Reg. No. 70506-176). The Alternate Brand Name is:

#### Aquathol® G & C Aquatic Herbicide

Within this notification submission I have included the proposed label. This label reflects the change in Company name from Cerexagri, Inc. to UPI, as well as the UPI EPA Reg. No. and UPI Warranty Statement.

Enclosed please find the following materials to complete the request for an Alternate Brand Name:

- 1. Completed Application for Pesticide Registration Forms for each product (EPA Form 8570-1)
- 2. Five copies of the label with the Alternate Brand Name and the Current Company Name, EPA Reg. No., and warranty Statement.
- 3. Copy of the Agency's Letter Approving the Transfer of Registrations from Cerexagri, Inc. to United Phosphorus, Inc. Dated 10/22/07.
- 4. Certification with Respect to Label Integrity
- 5. 1- CD containing the proposed label.

If you have any questions regarding this submission please call me at 610-4991-2817 or email me at jayne.walz@uniphos.com.

Sincerely,

Regulatory Manager

# Aquathol® G & C

### **AQUATIC HERBICIDE**

### For Golf Course and Commercial Use

**ACTIVE INGREDIENT:** 

Dipotassium salt of endothall\*

OTHER INGREDIENTS:

**TOTAL** 

40.3%

<u>59.7%</u>

100.0%

\*7-oxabicyclo [2.2.1]heptane-2,3-dicarboxylic acid equivalent 28.6% Contains per gallon 4.23 lbs. dipotassium endothall

## KEEP OUT OF REACH OF CHILDREN DANGER

#### FIRST AID

#### IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
- Call a poison control center or doctor for treatment advice.

#### IF INHALED:

- Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for treatment advice.

#### IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

#### IF ON SKIN:

- Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact (303) 623-5716 for emergency medical treatment information.

NOTE TO PHYSICIAN: Measures against circulatory shock, respiratory depression, and convulsion may be needed.

EPA Registration No. 70506-176 United Phosphorus, Inc. 630 Freedom Business Center, Suite 402 King of Prussia, PA 19406 EPA Establishment No. 62171 MS-203

Net Contents:

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#### **GENERAL INFORMATION**

AQUATHOL G & C is a liquid concentrate soluble in water which is effective against a broad range of aquatic plants with a margin of safety to fish.

Dosage rates indicated for the application of AQUATHOL G & C are measured in "Parts Per Million" (ppm) of dipotassium endothall. Only 0.5 to 5.0 ppm are generally required for aquatic weed control, whereas some fish species are tolerant to approximately 100 ppm or over.

#### **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 G & C is a contact herbicide; consequently, do not apply before weeds are present. Application as early as possible after weeds appear and are actively growing is recommended for best results.

If an entire pond is treated at one time, or if the dissolved oxygen level is low at 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 amount of AQUATHOL G & C to apply from chart.

AQUATHOL G & C should be sprayed on the water or injected below the water surface and should be distributed as evenly as possible. It may be applied as a concentrate or diluted with water depending on the equipment. Some dilution will give better distribution. For best results apply when water is quiescent and/or flows are minimal.

In instances where the weed(s) to be controlled is an exposed surface problem (i.e., some of the broad-leaved pond weeds) coverage is important. For best results apply the concentrate or with the least amount of water compatible with the application equipment.

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

#### AQUATIC WEEDS CONTROLLED AND DOSAGE RATE CHARTS

AQUATHOL G & C is recommended for the control of the following aquatic weeds in irrigation and drainage canals, ponds and lakes at the rates indicated. Since the active ingredient is water soluble and tends to diffuse from the treated area, select the dosage rate applicable to the area to be treated. Use the lower rate in each range of rates where the growth is young and growing and/or where the weed stand is not heavy. Marginal treatments of large bodies of water require higher rates as indicated.

	RATES						
Aquatic Weed	Entire Pond/ Lake or Large Area Treatment	Gallons per Acre Ft.	Spot or Lake Margin Treatment	Gallons per Acre Ft.			
Bur Reed, Sparganium spp.	3.0-4.0 ppm	1.9-2.6 gal.	4.0-5.0 ppm	2.6-3.2 gal.			
Coontail, Ceratophyllum, spp	1.0-2.0 ppm	0.6-1.3 gal	2.0-3.0 ppm	1.3-1.9 gal.			
Horned Pondweed, Zannichellia palustris	1.0-2.0 ppm	0.6-1.3 gal.	2.0-3.0 ppm	1.3-1.9 gal.			
Hydrilla, Hydrilla verticillata	2.0-3.0 ppm	1.3-1.9 gal	3.0-4.0 ppm	1.9-2.6 gal.			
Hygrophila, Hygrophila polysperma	4.0-5.0 ppm	2.6-3.2 gal.	5.0 ppm	3.2 gal.			
Milfoil, Myriophyllum spp.	2.0-3.0 ppm	1.3-1.9 gal.	3.0-4.0 ppm	1.9-2.6 gal			
Naiad, Najas spp.	1.0-3.0 ppm	0.6-1.9 gal.	2.0-4.0 ppm	1.3-2.6 gal.			
Pondweed, Potomogeton spp Including: American, P. nodosus Largeleaf (Bass Weed), P. amplifolius Curlyleaf, P. crispus Flatstem, P. zosterformis Floating-leaf, P. natans Illinois, P. Illinoensis Narrowleaf, P. pusillus	0.5-3.0 ppm 2.0-3.0 ppm 0.5-1.5 ppm 2.0-3.0 ppm 1.0-2.0 ppm 1.5-2.5 ppm 1.0-2.0 ppm	0.3-1.9 gal. 1.3-1.9 gal. 1.3-1.9 gal. 0.3-1.0 gal. 1.3-1.9 gal. 0.6-1.3 gal. 1.0-1.6 gal 0.6-1.3 gal.	1.5-4.0 ppm 3.0-4.0 ppm 3.0-4.0 ppm 1.5-3.0 ppm 3.0-4.0 ppm 2.0-3.0 ppm 2.5-3.5 ppm 2.0-3.0 ppm	1.0-2.6 gal. 1.9-2.6 gal. 1.9-2.6 gal. 1.0-1.9 gal. 1.9-2.6 gal. 1.3-1.9 gal. 1.6-2.3 gal. 1.3-1.9 gal.			
Threadleaf, P. filiformis Sago, P. pectinatus Variable Leaf, P. diversifolius	2.0-3.0 ppm 1.0-2.0 ppm 1.0-2.0 ppm	1.3-1.9 gal 0.6-1.3 gal 0.6-1.3 gal	3.0-4.0 ppm 2.0-3.0 ppm 2.0-3.0 ppm	1.9-2.6 gal. 1.3-1.9 gal. 1.3-1.9 gal.			
Parrot Feather, Myriophyllum aquaticum	2.0-3.0 ppm	1.3-1.9 gal.	3.0-4.0 ppm	1.9-2.6 gal			
Water Stargrass, Heteranthera spp	2.0-3.0 ppm	1.3-1.9 gal.	3.0-4.0 ppm	1.9-2.6 gal			

#### RATE OF APPLICATION---LAKES AND PONDS

The following chart indicates the total quantity of material to be applied.

### APPROXIMATE GALLONS OF AQUATHOL G & C FOR ONE ACRE (208' times 208') TREATMENT

	DOSAGE IN GALLONS FOR VARIOUS CONCENTRATIONS IN PPM							
DEPTH	0.5 ppm	1.0 ppm	1.5 ppm	2.0 ppm	3.0 ppm	4.0 ppm	5.0 ppm	
1 ft.	0.3	0.6	1.0	1.3	1.9	2.6	3.2	
2 ft.	0.6	1.3	1.9	2.6	3.8	5.1	6.4	
4 ft.	1.3	2.6	3.8	5.1	7.7	10.2	12.8	
6 ft.	1.9	3.8	5.8	7.6	11.5	15.3	19.2	

#### RATE OF APPLICATION---IRRIGATION AND DRAINAGE CANALS\*\*

The following indicates the total quantity of material to be applied.

GALLONS OF AQUATHOL G & C REQUIRED TO TREAT 1 MILE OF CANAL 1 FOOT DEEP\*

		WIDTH OF CANAL IN FEET						
PPM	5	10	15	20				
1.0 ppm	0.4	0.75	1.2	1.5				
2.0 ppm	0.75	1.5	2.3	3.0				
3.0 ppm	1.2	2.3	3.5	4.5				
4.0 ppm	1.5	3.0	4.5	6.0				
5.0 ppm	2.0	3.8	5.7	7.5				

The minimum contact time with weeds for optimum results should be 2 hours.

<sup>\*</sup>For deeper water, adjust rate accordingly.

<sup>\*\*</sup>Not for this use in California.



#### PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. MAY BE FATAL IF SWALLOWED. HARMFUL IF INHALED OR ABSORBED THROUGH SKIN. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. AVOID BREATHING VAPORS OR SPRAY MIST. PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTIONS IN SOME INDIVIDUALS.

#### **User Safety Recommendations:**

Users should:

- · Wear appropriate protective eyewear such as goggles, face shield, or safety glasses.
- · Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.
- ·Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove and wash contaminated clothing before reuse.
- ·Remove protective clothing and equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Applicators and other handlers must wear:

- · Long-sleeved shirt and long pants
- · Socks & Shoes
- · Chemical resistant gloves
- · Protective eyewear

#### **ENVIRONMENTAL HAZARDS**

Avoid contact with or drift to other crops or plants as injury may result. Wash out spray equipment with water after each operation.

Not for use in brackish or saltwater.

Do not use water from treated areas for watering livestock, for preparing agricultural sprays for food crops, for irrigation or for domestic purposes within the following periods:

Up to 0.5 ppm dipotassium salt --- 7 days after application

Up to 4.25 ppm dipotassium salt --- 14 days after application

Up to 5.0 ppm dipotassium salt --- 25 days after application

Treated water can be used for sprinkling bentgrass immediately.

#### EMERGENCY TELEPHONE NUMBERS CHEMTREC: (800) 424-9300

MEDICAL: (303) 623-5716
Rocky Mountain Poison Control Center

9049

#### STORAGE AND DISPOSAL

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

**Pesticide Storage Instructions:** Store in the original container. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. Storage at temperatures below 32°F may result in the product freezing or crystallizing. Should this occur the product must be warmed to 50°F or higher and thoroughly agitated. In the event of a spillage during handling or storage, absorb with sand or other inert material and dispose of absorbent in accordance with the Pesticide Disposal Instructions listed below.

**Pesticide Disposal Instructions:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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 incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### IMPORTANT INFORMATION READ BEFORE USING PRODUCT

#### CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE**: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of United Phosphorus, Inc. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of United Phosphorus, Inc. and Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold United Phosphorus, Inc. and Seller harmless for any claims relating to such factors.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UNITED PHOSPHORUS, INC. AND SELLER MAKE NO WARRANTIES OR MERCHANTABILITY OF OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ON THIS LABEL.

To the extent consistent with applicable law, United Phosphorus, Inc. or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product and THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF UNITED PHOSPHORUS, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT. LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF UNITED PHOSPHORUS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.

United Phosphorus, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing occardations of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by the duly authorized representative of United Phosphorus, Inc.