

4581-204

08/16/2006

1/8



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

AUG 16 2006

K. Jayne Walz
Cerexagri, Inc.
630 Freedom Business Center
Suite 402
King of Prussia, PA 19406

Dear Ms. Walz:

Subject: Label Amendment - Removing the Fish Consumption Prohibition Statement
Aquathol K Aquatic Herbicide
EPA Registration Number 4581-204

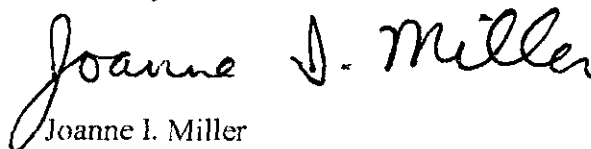
The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes made:

1. Under **First Aid**, make "If on Skin" the last exposure category.
2. Under the **Hazards to Humans (and Domestic Animals)** section, add these statements "Wear [specify 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 and wash contaminated clothing before reuse."
3. Under the **Applicators and other handlers must wear** heading, must read:
 - long-sleeved shirt and long pants
 - socks
 - shoes
 - chemical resistant gloves
 - protective eyewear

2/8

One copy of the label stamped "Accepted with comments" is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment. If you have any questions, please contact Tracy White by phone at (703) 308-0042 or via email at white.tracy@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Joanne I. Miller". The signature is written in a cursive style with a large, looped initial "J".

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505P)

Enclosure

Aquathol® K

AQUATIC HERBICIDE

ACTIVE INGREDIENT:

Dipotassium salt of endothall*

40.3%

OTHER INGREDIENTS:59.7%**TOTAL**

100.0%

*7-oxabicyclo [2.2.1]heptane-2,3-dicarboxylic acid equivalent 28.6%

Contains per gallon 4.23 lbs. dipotassium endothall

ACCEPTED
with COMMENTS
In EPA Letter Dated:

AUG 16 2006

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

4581-204

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 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.

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.

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. 4581-204

EPA Establishment No. 4581-MI-1

Cerexagri, Inc.

Net Contents:

630 Freedom Business Center, Suite 402

King of Prussia, PA 19406

GENERAL INFORMATION

AQUATHOL K 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 K 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 K 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 K to apply from chart.

AQUATHOL K 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 K 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.

| Aquatic Weed | RATES | | | |
|---|--|-------------------------|--|-------------------------|
| | Entire Pond/ Lake or Large Area Treatment | Gallons per Acre Ft. | Spot or Lake Margin Treatment | Gallons per Acre Ft. |
| Bur Reed, <i>Sparganium</i> spp. | 3.0-4.0 ppm | 1.9-2.6 gal. | 4.0-5.0 ppm | 2.6-3.2 gal. |
| Coontail, <i>Ceratophyllum</i> , spp | 1.0-2.0 ppm | 0.6-1.3 gal | 2.0-3.0 ppm | 1.3-1.9 gal. |
| Horned Pondweed, <i>Zannichellia palustris</i> | 1.0-2.0 ppm | 0.6-1.3 gal. | 2.0-3.0 ppm | 1.3-1.9 gal. |
| Hydrilla, <i>Hydrilla verticillata</i> | 2.0-3.0 ppm | 1.3-1.9 gal | 3.0-4.0 ppm | 1.9-2.6 gal. |
| Hygrophila, <i>Hygrophila polysperma</i> | 4.0-5.0 ppm | 2.6-3.2 gal. | 5.0 ppm | 3.2 gal. |
| Milfoil, <i>Myriophyllum</i> spp. | 2.0-3.0 ppm | 1.3-1.9 gal. | 3.0-4.0 ppm | 1.9-2.6 gal |
| Naiad, <i>Najas</i> spp. | 1.0-3.0 ppm | 0.6-1.9 gal. | 2.0-4.0 ppm | 1.3-2.6 gal. |
| Pondweed, <i>Potamogeton</i> spp Including: | 0.5-3.0 ppm | 0.3-1.9 gal. | 1.5-4.0 ppm | 1.0-2.6 gal. |
| American, <i>P. nodosus</i> | 2.0-3.0 ppm | 1.3-1.9 gal. | 3.0-4.0 ppm | 1.9-2.6 gal. |
| Largeleaf (Bass Weed), <i>P. amplifolius</i> | 2.0-3.0 ppm | 1.3-1.9 gal. | 3.0-4.0 ppm | 1.9-2.6 gal. |
| Curlyleaf, <i>P. crispus</i> | 0.5-1.5 ppm | 0.3-1.0 gal. | 1.5-3.0 ppm | 1.0-1.9 gal. |
| Flatstem, <i>P. zosterformis</i> | 2.0-3.0 ppm | 1.3-1.9 gal. | 3.0-4.0 ppm | 1.9-2.6 gal. |
| Floating-leaf, <i>P. natans</i> | 1.0-2.0 ppm | 0.6-1.3 gal. | 2.0-3.0 ppm | 1.3-1.9 gal. |
| Illinois, <i>P. illinoensis</i> | 1.5-2.5 ppm | 1.0-1.6 gal | 2.5-3.5 ppm | 1.6-2.3 gal. |
| Narrowleaf, <i>P. pusillus</i> | 1.0-2.0 ppm | 0.6-1.3 gal. | 2.0-3.0 ppm | 1.3-1.9 gal. |
| Threadleaf, <i>P. filiformis</i> | 2.0-3.0 ppm | 1.3-1.9 gal | 3.0-4.0 ppm | 1.9-2.6 gal. |
| Sago, <i>P. pectinatus</i> | 1.0-2.0 ppm | 0.6-1.3 gal | 2.0-3.0 ppm | 1.3-1.9 gal. |
| Variable Leaf, <i>P. diversifolius</i> | 1.0-2.0 ppm | 0.6-1.3 gal | 2.0-3.0 ppm | 1.3-1.9 gal. |
| Parrot Feather, <i>Myriophyllum aquaticum</i> | 2.0-3.0 ppm | 1.3-1.9 gal. | 3.0-4.0 ppm | 1.9-2.6 gal. |
| Water Stargrass, <i>Heteranthera</i> 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 K FOR ONE ACRE (208' times 208') TREATMENT

| DEPTH | DOSAGE IN GALLONS FOR VARIOUS CONCENTRATIONS IN PPM | | | | | | |
|-------|---|---------|---------|---------|---------|---------|---------|
| | 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 K REQUIRED TO TREAT 1 MILE OF CANAL 1 FOOT DEEP*

| PPM | WIDTH OF CANAL IN FEET | | | |
|---------|------------------------|------|-----|-----|
| | 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.

*For deeper water, adjust rate accordingly.

**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.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

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

STORAGE AND DISPOSAL

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

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.

WARRANTY AND DISCLAIMER

Cerexagri, Inc. warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. CEREXAGRI MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL CEREXAGRI OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LABOR COSTS, OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING.

Cerexagri and seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a duly authorized representative of Cerexagri.