

4581-172

08/22/2006

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

AUG 22 2006

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

Dear Ms. Walz:

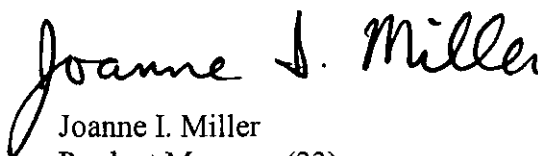
Subject: Label Amendment – Removing the Fish Consumption Prohibition Statement
Hydrothol 191 Granular Aquatic Algicide and Herbicide
EPA Registration Number 4581-172

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 the following to this statement "Wash thoroughly with soap and water after handling and **before eating, drinking, chewing gum, or using tobacco.**"
3. Under the **Storage and Disposal** section, the first bullet must read "**Pesticide Storage Instructions.**"
4. The following **Warranty and Disclaimer** statements must be expressed in the following manner:
To the extent consistent with applicable law, Cerexagri makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. **To the extent consistent with applicable law**, 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 planning or harvesting.

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,



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

Enclosure

HYDROTHOL 191 Granular AQUATIC ALGICIDE AND HERBICIDE

ACTIVE INGREDIENT:

Mono(N,N-dimethylalkylamine*) salt of endothal**	11.2%
OTHER INGREDIENTS:	88.8%
TOTAL	100.0%

*Alkyl groups as derived from Coconut Oil

**7-oxabicyclo [2.2.1] heptane-2,3-dicarboxylic acid equivalent 5%

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

See Back Panel for Additional Precautionary Statements

EPA Registration No. 4581-172

Net Weight _____

Sold by:

EPA Establishment No. 62171-MS-003

ACCEPTED

**with COMMENTS
In EPA Letter Dated:**

AUG 22 2006
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

4581-172

Cerexagri, Inc.
630 Freedom Business Center • Suite 402
King of Prussia, PA 19406
1 800-438-6071 • www.cerexagri.com

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

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED. DO NOT GET IN EYES OR ON CLOTHING. AVOID CONTACT WITH SKIN. WEAR GOGGLES OR FACE SHIELD WHEN HANDLING. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

Avoid contact with or drift to other crops or plants as injury may result.
Fish may be killed by dosages in excess of 0.3 ppm.
Do not use in brackish or salt water.
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 0.3 ppm— 7 days after application
Up to 3.0 ppm—14 days after application
Up to 5.0 ppm—25 days after application

GENERAL INFORMATION

HYDROTHOL 191 Granular is a highly effective contact algicide and aquatic herbicide for use in irrigation and drainage canals, lakes and ponds. Apply when weeds and algae are actively growing. Note: Susceptibility of algae may vary due to subspecies, strains or environmental conditions. Dosage rates are measured in parts per million (ppm) endothall acid.
Necessary approval and/or permits should be obtained in states where required. Consult state water or conservation authorities before applying to public waters or to ponds, canals or streams which flow into public waters.

DIRECTIONS FOR USE

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

LAKES AND PONDS

ALGAE CONTROL: HYDROTHOL 191 Granular is effective on a broad range of planktonic, filamentous, and branched algae. Note: Susceptibility of algae may vary due to subspecies, strains or environmental conditions. Generally, rates of 0.05 to 0.3 ppm (3-16 lbs. per acre foot) are effective for the control of algae. Repeat applications when algae reappear and reach treatment levels. Dosages may be increased (from 0.3 to 1.5 ppm) where greater longevity of control is desired or to improve efficacy on species that

prove difficult to control. Due to the potential for fish toxicity at higher rates, it is suggested that applications above 0.3 ppm be made only by commercial applicators as marginal or sectional treatments. For floating mats HYDROTHOL 191 Granular should be applied as evenly as possible.

SUBMERGED AQUATIC PLANTS: Apply HYDROTHOL 191 Granular at 0.5 to 3.0 ppm (27 lbs. to 162 lbs. per acre foot) for control of aquatic weeds.

HYDROTHOL 191 Granular is effective on a broad range of aquatic weeds including: Hydrilla, Hygrophila*, Naiad, Elodea canadensis, Cabomba*, Coontail, Bur Reed*, Milfoil, Pondweed (Potamogeton spp.), Vallisneria, Zannichellia and Water Stargrass*. Due to the toxicity to fish, the use of HYDROTHOL 191 Granular for submerged aquatic weeds is suggested only by commercial applicators on a marginal or sectional rather than overall type treatment. Use dosages over 1.0 ppm on very narrow margins or in areas where some fish kill is not objectionable. Do not treat more than 1/10 of the lake or pond at one time with doses in excess of 1.0 ppm.

*Not for this use in California

RATE OF APPLICATION: LAKES AND PONDS

Algae or Weed	Rate (ppm)	Pounds per Acre Ft.
Algae Planktonic Filamentous Branched (Use in California limited to Cladophora, Pithophora, Spirogyra, Chara)	0.05-1.5 ppm**	3-81
Bur Reed*	2-3	108-162
Cabomba*	2-3	108-162
Coontail	0.5-1.5	27-81
Elodea canadensis	2-3	108-162
Hydrilla	1-2	54-108
Hygrophila*	2-3	108-162
Milfoil	1-2	54-108
Naiad (Najas spp.)	1-1.5	54-81
Pondweed (Potamoeton spp.)	0.5-2	27-108
Water Stargrass*	2-3	108-162
Vallisneria	2-3	108-162
Zannichellia	1-2	54-108

*Not for this use in California

**See specific use instructions under Algae Control

Low rates of 0.05-0.2 ppm should be used on light infestation of planktonic and filamentous algae. Higher rates should be used for branched algae species. Moderate algae infestations generally require 0.2-0.5 ppm. Marginal treatments require 0.3-0.8 ppm.

RATE OF APPLICATION: IRRIGATION AND DRAINAGE CANALS

Algae Controlled: Planktonic, filamentous and branched algae (Use in California limited to Cladophora, Pithophora, Spirogyra, Chara). Submerged aquatic plants controlled: Hydrilla, Hygrophila*, Naiad, Elodea canadensis, Cabomba*, Coontail, Bur Reed*, Milfoil, Pondweed (Potamogeton spp.), Vallisneria, Zannichellia, and Water Stargrass*. Due to fish toxicity, application utilizing rates higher than 0.3 ppm should be made by commercial applicators only.

HEAVY INFESTATIONS—Apply 3 to 5 ppm (162 to 270 lbs.) HYDROTHOL 191 Granular per acre foot of water with suitable aerial or ground application equipment.

MODERATE OR LIGHT INFESTATIONS—Apply 1 to 2 ppm (54 to 108 lbs.)

HYDROTHOL 191 Granular per acre foot of water with suitable aerial or ground application equipment.

IRRIGATION AND DRAINAGE CANAL APPLICATIONS

Pounds of HYDROTHOL 191 Granular required per mile of canal or swath, 1 ft. deep.

WIDTH OF CANAL, DITCH OR SWATH

ppm	10	15	20	30	40
0.5	33	49	65	95	130
1.0	65	98	130	190	260
2.0	130	195	260	380	520
3.0	195	294	390	570	780
4.0	260	392	520	760	1040
5.0	325	490	650	950	1300

Note: 5.5 lbs. per acre foot equals 0.1 ppm of Endothall (acid).

LAKE AND POND APPLICATIONS

PPM Concentrations

Depth	0.05	0.1	0.2	0.5	1.0	1.5	5.0
	ppm	ppm	ppm	ppm	ppm	ppm	ppm
1 ft.	3	5	11	27	54	82	250
2 ft.	5	11	22	54	109	163	550
4 ft.	11	22	44	109	217	326	1100
6 ft.	16	33	65	163	326	489	1650

*One acre equals approximately 208' x 208'

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.

EMERGENCY TELEPHONE NUMBERS:
CHEMTREC: (800) 424-9300
MEDICAL: (303) 623-5716 Rocky Mountain Poison Control Center

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, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL CEREXAGRI, INC. 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 COST; OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING.

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