

4581-172

11-8-2002

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NOV 8 2002

Christopher Davis
Cerexagri, Inc.
630 Freedom Business Center
Suite 402
King of Prussia, PA 19406

Dear Mr. Davis:

SUBJECT: Label Revision Amendment - First Aid Statement
EPA Registration No. 4581-172
Application Dated September 13, 2002

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

1. The "HOT LINE NUMBER" should be on same page as "FIRST AID STATEMENT".

The amended label supersede all previously accepted ones. A stamped copy is enclosed for your records. Please submit one copy of your printed label before you release the product for shipment.

Sincerely yours,

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

Enclosure

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Hydrothol 191 Granular

AQUATIC ALGICIDE AND HERBICIDE

ACTIVE INGREDIENT:

Mono(N,N-dimethylalkylamine*) salt of endothall** 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%

ACCEPTED
with COMMENTS
In EPA Letter Dated
NOV 8 2002
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
4581-172

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.

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

EPA Registration No. 4581-172
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EPA Establishment No. 62171-MS -

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

Net Contents:

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 fish from treated areas for food or feed within three days after treatment.

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 reappears and reaches 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 lbs.
Bur Reed*	2-3 ppm	108-162 lbs.
Cabomba*	2-3 ppm	108-162 lbs.
Coontail	0.5-1.5 ppm	27-81 lbs.
Elodea canadensis	2-3 ppm	108-162 lbs.
Hydrilla	1-2 ppm	54-108 lbs.

Hygrophila*	2-3 ppm	108-162 lbs.
Milfoil	1-2 ppm	54-108 lbs.
Naiad (Najas spp.)	1-1.5 ppm	54-81 lbs.
Pondweed (Potamogeton spp.)	0.5-2 ppm	27-108 lbs.
Water Stargrass*	2-3 ppm	108-162 lbs.
Vallisneria	2-3 ppm	108-162 lbs.
Zannichellia	1-2 ppm	54-108 lbs.

* 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.

IRRIGATION AND DRAINAGE CANALS

Rate of Application: Irrigation and Drainage Canals

Algae controlled: planktonic, filamentous and branched algae (Use in California limited to Cladophora, Pithophora, Spirogyra, Chara). Submersed 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.
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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 ppm	0.1 ppm	0.2 ppm	0.5 ppm	1.0 ppm	1.5 ppm	5.0 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' times 208'.

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, 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

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.