

4581-174

3-23-2001

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
4581-174

2. EPA Product Manager
Miller

3. Proposed Classification
☒ None ☐ Restricted

4. Company/Product (Name)
Hydrothol 191

PM#
23

5. Name and Address of Applicant (Include ZIP Code)
Cerexagri, Inc.
2000 Market Street, 21st Floor
Philadelphia, PA 19103

☐ 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

☐ Amendment - Explain below.

☐ Final printed labels in response to
Agency letter dated _____
☐ "Me Too" Application.

NOTIFICATION

☐ Resubmission in response to Agency letter dated _____

☐ Other - Explain below.

MAR 23 2001

☒ Notification - Explain below.

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

Notification amendment to: 1) Add "Other" instead of "Inert" ingredients, 2) Add "First Aid" instead of "Statement of Practical Treatment", 3) Delete reference to sites that can be irrigated immediately after treatment.

I certify that this notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46. I understand that it is a violation of 18 USC 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 98-10 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:

Child-Resistant Packaging

☐ Yes
☐ No

Unit Packaging

☐ Yes
☐ No

Water Soluble Packaging

☐ Yes
☐ No

2. Type of Container

☐ Metal
☐ Plastic
☐ Glass
☐ Paper
☐ 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

☐ Label

☐ Container

4. Size(s) Retail Container

5. Location of Label Directions

6. Manner in Which Label is Affixed to Product

☐ Lithograph
☐ Paper glued
☐ Stenciled

☐ 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.

2. Signature

3. Title

Registration Manager

4. Typed Name

Christopher Davis

5. Date

2/28/01

6. Date Application
Received

(Stamped)

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Hydrothol 191

AQUATIC ALGICIDE AND HERBICIDE

ACTIVE INGREDIENT:

Mono(N,N-dimethylalkylamine**) salt of endothall* 53.0%

OTHER INGREDIENTS:

47.0%

TOTAL

100.0%

NOTIFICATION

MAR 23 2001

Contains 2 lb. endothall* per gallon

*7-oxabicyclo [2.2.1] heptane-2,3-dicarboxylic acid equivalent 23.36%

**Alkyl groups as derived from Coconut Oil

KEEP OUT OF REACH OF CHILDREN
DANGER

FIRST AID

IF SWALLOWED, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN, wash with plenty of soap and water. Get medical attention.

IF IN EYES, hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF INHALED, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

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. 4581-174

EPA Establishment No. 4581-MI-1

Cerexagri, Inc.
2000 Market Street
Philadelphia, PA 19103

Net Contents:



DIRECTIONS FOR USE

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

GENERAL INFORMATION

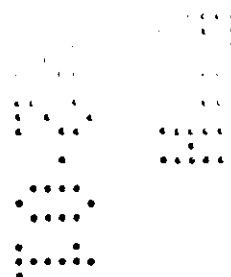
HYDROTHOL 191 is a liquid concentrate soluble in water and is a highly effective aquatic herbicide and algicide for use in irrigation and drainage canals, lakes and ponds. Apply when weeds and algae are actively growing. Note: Suseptibility of algae may vary due to subspecies, strains or environmental 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.

LAKES AND PONDS

Algae Control: Hydrothol 191 is effective on a broad range of algae including: Zannichellia, Cladophora, Pithophora, Spirogyra, Chara, Nitella, Chorella, Hydrodictyon, Oscillatoria, Zygnema, Chlamydomas, Selenastrum, Anabaena, Oedogonium, Anacystis, Coelastrum, Pediastrum, Rhizoclonium, and Scenedesmus. Note: Suseptibility of algae may vary due to subspecies, strains or environmental conditions. Repeat treatments when algal growth reappears. See Rate of Application Table below.

Submerged Aquatics: Apply Hydrothol 191 at 0.7 gallons to 4.0 gallons per acre foot (0.5 to 3.0 ppm) for control of aquatic weeds. Hydrothol 191 is effective on a broad range of aquatic weeds including: Hydrilla, Hygrophila, Naiad, Elodea canadensis, Egera densa, Coontail, Bur Reed, Milfoil, Pondweed (Potamogeton spp.) and Water Stargrass. Due to the toxicity to fish, the use of HYDROTHOL 191 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 only 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.



Rate Of Application

Algae or Weed	Rate (ppm)	Amount per Acre Ft
Algae Planktonic Filamentous Branched	0.05-1.5 ppm	0.6-18.0 pints
Bur Reed	2-3 ppm	2.7-4.0 gal.
Cabomba	2-3 ppm	2.7-4.0 gal.
Coontail	0.5-1.5 ppm	0.7-2.1 gal.
Egeria densa	2-3 ppm	2.7-4.0 gal.
Elodea canadensis	2-3 ppm	2.7-4.0 gal.
Hydrilla	1-2 ppm	1.4 - 2.7 gal.
Hygrophila	2-3 ppm	2.7-4.0 gal.
Milfoil	1-2 ppm	1.4 -2.7 gal.
Naiad (Najas spp.)	1-1.5 ppm	1.4-2.1 gal.
Pondweed (Potamogeton spp.)	0.5-2 ppm	0.7-2.7 gal.
Water Stargrass	2-3 ppm	2.7-4.0 gal.

IRRIGATION AND DRAINAGE CANALS

Apply HYDROTHOL 191 as a surface spray with uniform coverage or inject under the surface of the water. The minimum contact time with weeds for optimum results should be two hours.

HEAVY INFESTATION---Apply at rate of 4.0 to 6.75 gal. per acre foot (equivalent to 3.0-5.0 ppm). See table below.

MODERATE OR LIGHT INFESTATIONS---Apply at rate of 1.4 to 2.7 gal. per acre foot (equivalent to 1.0-2.0 ppm). See table below.

GALLONS OF HYDROTHOL 191 REQUIRED TO TREAT 1 MILE OF DITCH, 1 FOOT DEEP

WIDTH OF DITCH OR CANAL IN FEET

ppm	4	6	8	10	12	14	16	18	20	22
1.0	0.7	1.0	1.3	1.7	1.9	2.3	2.6	2.9	3.3	3.6
2.0	1.3	2.0	2.6	3.3	3.9	4.6	5.2	5.9	6.5	7.2
3.0	2.0	2.8	3.9	4.9	5.9	6.8	7.8	8.8	9.8	10.8
4.0	2.6	3.9	5.2	6.6	7.8	9.1	10.4	11.8	13.1	14.4
5.0	3.2	4.9	6.5	8.2	9.7	11.5	13.1	14.7	16.4	18.0

Note: 1.1 pint HYDROTHOL 191 per acre foot equals 0.1 ppm of endothall (acid).

APPROXIMATE QUANTITY OF HYDROTHOL 191 FOR ONE ACRE* TREATMENT

DOSAGES FOR VARIOUS CONCENTRATIONS IN PPM									
DEPTH	0.05	0.1	0.2	0.3	0.5	0.8	1.0	2.0	5.0
1 ft.	0.6 pts	1.1 pts	2.2 pts	0.4 gal	0.7 gal	1.1 gal	1.4 gal	2.7 gal	6.8 gal
2 ft.	1.1 pts	2.2 pts	4.3 pts	0.8 gal	1.4 gal	2.2 gal	2.8 gal	5.4 gal	13.6 gal
4 ft.	2.2 pts	4.3 pts	8.6 pts	1.6 gal	2.7 gal	4.4 gal	5.4 gal	10.9 gal	27.2 gal
6 ft.	3.3 pts	6.5 pts	12.9 pts	2.5 gal	4.1 gal	6.5 gal	8.2 gal	16.3 gal	40.8 gal

*One acre equals approximately 208' times 208'

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

DANGER

CORROSIVE, CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. MAY BE FATAL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. WEAR PROTECTIVE CLOTHING, RUBBER GLOVES, AND GOGGLES OR FACE SHIELD WHEN HANDLING. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse. Do not breathe vapor or spray mist.

ENVIRONMENTAL HAZARDS

Fish may be killed by dosages in excess of 0.3 ppm.

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

Clean out application equipment after each operation.

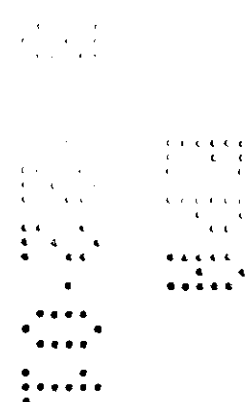
Do not use fish from treated areas for food or feed within three days after treatment.

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



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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. In the event of 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 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.

