

4581-172

3-23-2001

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0080, 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 4581-172	2. EPA Product Manager Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Hydrothol 191 Granular	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Cerexagri, Inc. 2000 Market Street, 21st Floor Philadelphia, PA 19103 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

MAR 23 2001

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:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product			<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled	<input type="checkbox"/> 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.		6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Manager	
4. Typed Name Christopher Davis	5. Date 2/28/01	

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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%

KEEP OUT OF REACH OF CHILDREN
DANGER

FIRST AID

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

IF SWALLOWED, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

IF ON SKIN, immediately flush with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before reuse.

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. 4581-172

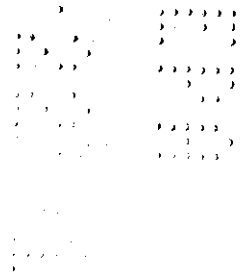
EPA Establishment No. 228-IL-1

Cerexagri, Inc.
2000 Market Street
Philadelphia, PA 19103

Net Contents:

NOTIFICATION

MAR 23 2001



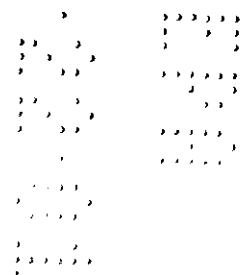
SUBMERGED AQUATIC PLANTS: Apply Hydrothol 191 Granular at 0.5 to 3.0 ppm (27 lbs. to 162 lbs. per acre foot) for control of aquatic weeds. Hydrothol 191 Granular is effective on a broad range of aquatic including: Hydrilla, Hygrophila, Naiad, Elodea canadensis, Egera densa. Coontail, Bur Reed, Milfoil, Pondweed (Potomogeton spp.) 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.

Rate Of Application: Lakes and Ponds

Algae or Weed	Rate (ppm)	Pounds per Acre Ft
Algae Planktonic Filamentous Branched	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.
Egeria densa	2-3 ppm	108-162 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 (Potomogeton spp.)	0.5-2 ppm	27-108 lbs.
Water Stargrass	2-3 ppm	108-162 lbs.

*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, including Zannichellia, Cladophora, Pithophora, Spirogyra, Chara, Nitella, Chorella, Hydrodictyon, Oscillatoria, Zygnema, Chlamydomas. Selenastrum, Anabaena, Oedogonium, Anacystis, Coelastrum, Pediasstrum, Rhizoclonium. and Scenedesmus. Submersed aquatic plants controlled: Hydrilla, Hygrophila, Naiad, Elodea candensis, Egera densa, Coontail, Bur Reed, Milfoil, Pondweed (Potomogeton spp.) 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 109 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 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'.

