

67690-32

11/26/2012

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Laurent Mézin
SePRO Corporation
11550 N. Meridian Street
Suite 600
Carmel, IN 46032

NOV 26 2012

Subject: Label Notification per PRN 98-10
Product Name: Fluridone SRP
Proposed Alternate Brand Name: Avast! WDG
EPA Registration Number: 67690-32
Application Dated: August 30, 2012

Dear Mr. Mézin,

The Agency is in receipt of your application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for Fluridone SRP (EPA Reg. No. 67690-32) dated August 30, 2012. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRNs 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records. Please note that the proposed alternate brand name is acceptable and has been added to our records.

If you have any questions, please contact Emily Hartman of my staff at (703) 347-0189 or hartman.emily@epa.gov.

Sincerely,

Beth Bonbow

for

Kathryn V. Montague, Product Manager 23
Herbicide Division
Registration Division
Office of Pesticide Programs

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98

EPA United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 67690-32	2. EPA Product Manager Kathryn Montague	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SePRO / Fluridone SRP	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) SePRO CORPORATION 11550 N. Meridian St., Suite 600 Carmel, IN 46032 <input type="checkbox"/> 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

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated XX-XX-XX <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application <input type="checkbox"/> Other - Explain below.
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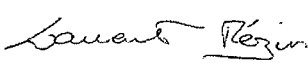
Explanation: Use additional page(s) if necessary. (For section I and Section II.)

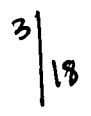
Notification of minor changes to the label, per PRN98-10: Alternate Brand Name: "Avast! WDG"

Section III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) Plastic Bag
*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 <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 - 50 Lbs	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Laurent C. Mézin	Title Regulatory Affairs Manager	Telephone No. (Include Area Code) (317) 580-8286
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 BY: 	3. Title Regulatory Affairs Manager	
4. Typed Name: Laurent C. Mézin	5. Date: 30 August 2012	



A collection of 15 small, stylized line drawings of various birds, arranged in a grid-like fashion. The birds include shorebirds, waterfowl, and songbirds, each depicted in a simple, minimalist style using only outlines and basic shading.

AQUATIC HERBICIDE

FPL20120830 Highlighted

(ABN = Avast! SRP)

EPA Reg. No. 67690-32

Registration Notes: Based on Notification for PRN 2007-4 dated August 14, 2008.

Label Notes:

General Label Changes:

1. Updated FPL date.
2. Included alternate brand name 'Avast! WDG'
3. Moved base label to the back. No text was changed.

A collection of 15 small, stylized line drawings of various birds, including sparrows, finches, and songbirds, arranged in a grid-like fashion. The drawings are simple, using only outlines and minimal shading to represent the birds' forms and features like beaks and wings.

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[Front of label booklet]



NOTIFICATION

NOV 26 2012

Fluridone SRP Avast! WDG

AQUATIC HERBICIDE

AN HERBICIDE FOR MANAGEMENT OF AQUATIC VEGETATION IN FRESH WATER PONDS, LAKES, RESERVOIRS, POTABLE WATER SOURCES, DRAINAGE CANALS, IRRIGATION CANALS AND RIVERS.

Active Ingredient

fluridone: 1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1H)-pyridinone..... 5.0%

Other Ingredients 95.0%

TOTAL 100.0%

Contains 2 pounds of fluridone per 40-pound container.

Keep Out of Reach of Children

CAUTION / PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

Refer to inside of label booklet for additional precautionary information and Directions for Use including Storage and Disposal.

NOTICE: Read the entire label before using. Use only according to label directions. **Before buying or using this product, read *Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies* inside label booklet.**

For additional information on our products, please visit www.sepro.com.

EPA Reg. No. 67690-32

EPA Est. No. _____

FPL20120830081408

SPC - _____

SePRO Corporation • 11550 N. Meridian Street, Suite 600 • Carmel, IN 46032, U.S.A.

Aquatic Herbicide

Net contents _____

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[Label booklet text]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep Out of Reach of Children

CAUTION / PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

Harmful if Swallowed, Absorbed Through Skin or Inhaled. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID

If in eyes	<ul style="list-style-type: none"> 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 eye. Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> 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 swallowed	<ul style="list-style-type: none"> 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 to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies involving this product, call 1-800-535-5053.	

ENVIRONMENTAL HAZARDS

Follow use directions carefully so as to minimize adverse effects on non-target organisms. Do not contaminate untreated water when disposing of equipment washwaters. Trees and shrubs growing in water treated with ~~Fluridone SRP~~ **Avast! WDG** may occasionally develop chlorosis. Do not apply in tidewater/brackish water. Lowest rates should be used in shallow areas where the water depth is considerably less than the average depth of the entire treatment site, for example, shallow shoreline areas.

DIRECTIONS FOR USE

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

Read all Directions for Use carefully before applying.

GENERAL INSTRUCTIONS

~~Fluridone SRPAvast! WDG~~ is a selective systemic aquatic herbicide for management of aquatic vegetation in fresh water ponds, lakes, reservoirs, drainage canals, irrigation canals and rivers. ~~Fluridone SRPAvast! WDG~~ is a pelleted formulation containing 5 percent fluridone. ~~Fluridone SRPAvast! WDG~~ is absorbed from water by plant shoots and from hydrosol by the roots of aquatic vascular plants. It is important to maintain ~~Fluridone SRPAvast! WDG~~ in contact with the target plants for as long as possible. Rapid water movement or any condition which results in rapid dilution of ~~Fluridone SRPAvast! WDG~~ in treated water will reduce its effectiveness.

In susceptible plants, ~~Fluridone SRPAvast! WDG~~ inhibits the formation of carotene. In the absence of carotene, chlorophyll is rapidly degraded by sunlight. Herbicidal symptoms of ~~Fluridone SRPAvast! WDG~~ appear in seven to ten days and appear as white (chlorotic) or pink growing points. Under optimum conditions, 30 to 90 days are required before the desired level of aquatic weed management is achieved with ~~Fluridone SRPAvast! WDG~~. Species susceptibility to ~~Fluridone SRPAvast! WDG~~ may vary, depending on time of year, stage of growth, and water movement. For best results, apply ~~Fluridone SRPAvast! WDG~~ prior to initiation of weed growth or when weeds begin active growth. Application to mature target plants may require an application rate at the higher end of the specified rate range and may take longer to control.

~~Fluridone SRPAvast! WDG~~ is not corrosive to application equipment.

The label provides recommendations on the use of a chemical analysis for the active ingredient. SePRO Corporation recommends the use of an Enzyme-Linked Immunoassay (ELISA Test) for the determination of the active ingredient concentration in water. Contact SePRO Corporation for the utilization of this test and for the incorporation of this analysis into your treatment program.

Application rates are provided in pounds of ~~Fluridone SRPAvast! WDG~~ to achieve a desired concentration of the active ingredient in parts per billion (ppb). **The maximum application rate or sum of all application rates is 90 ppb in ponds and 150 ppb in lakes and reservoirs per annual growth cycle.** This maximum concentration is the amount of product calculated as the target application rate, NOT determined by testing the residues of the active ingredient in the treated water.

SPECIAL PRECAUTIONS

- **Obtain required permits:** Permits may be required by state or local agencies. Consult with appropriate State or local water authorities before applying this product.
- **New York State:** Application of ~~Fluridone SRPAvast! WDG~~ is not permitted in waters less than two (w) feet deep.
- **Hydroponic Farming:** Do not use water treated with ~~Fluridone SRPAvast! WDG~~ for hydroponic farming.
- **Greenhouse and Nursery Plants:** Do not use water treated with ~~Fluridone SRPAvast! WDG~~ for irrigating greenhouse or nursery plants unless use of an approved assay confirms that residues are less than 1 ppb.

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• **Water Use Restrictions Following Applications of ~~Fluridone SRPAvast!~~ WDG (Days)**

Application Rate	Drinking ¹	Fishing	Swimming	Livestock/Pet Consumption	Irrigation ²
Maximum Rate (150 ppb) or less	0	0	0	0	See irrigation instructions below

¹ Note below, under *Potable Water Intakes*, the information for application of ~~Fluridone SRPAvast!~~ WDG within ¼ mile (1,320 feet) of a functional potable water intake.

² Note below, under *Irrigation*, specific time frames or fluridone residues that provide the widest margin of safety for irrigating with water treated with ~~Fluridone SRPAvast!~~ WDG.

- **Potable Water Intakes:** Concentrations of the active ingredient, fluridone, up to 150 ppb are allowed in potable water sources; however, in lakes and reservoirs or other sources of potable water, DO NOT apply ~~Fluridone SRPAvast!~~ WDG at application rates greater than 20 ppb within one-fourth (¼) mile (1,320 feet) of any functioning potable water intake. At application rates of 8 to 20 ppb, ~~Fluridone SRPAvast!~~ WDG may be applied where functioning potable water intakes are present. **NOTE: Existing potable water intakes that are no longer in use, such as those that have been replaced by potable water wells or connections to a municipal water system, are not considered to be functioning potable water intakes.**
- **Irrigation:** Irrigation with water treated with ~~Fluridone SRPAvast!~~ WDG may result in injury to the irrigated vegetation. Follow these precautions and inform those who irrigate from areas treated with ~~Fluridone SRPAvast!~~ WDG of the irrigation time frames or water assay requirements presented in the table below. Follow the following time frames and assay directions to reduce the potential for injury to vegetation irrigated with water treated with ~~Fluridone SRPAvast!~~ WDG. There is a greater potential for crop injury when water treated with ~~Fluridone SRPAvast!~~ WDG is applied to crops grown in low organic and sandy soils.

WAITING PERIODS BEFORE IRRIGATING WITH WATER TREATED WITH FLURIDONE SRPAVAST! WDG			
Application Site	Days After Application		
	Established Tree Crops	Established Row Crops/ Turf/Plants	Newly Seeded Crops/Seedbeds or Areas to be Planted Including Overseeded Golf Course Greens
Ponds and Static Canals ¹	7	30	Assay required
Canals	7	7	Assay required
Rivers	7	7	Assay required
Lakes and Reservoirs ²	7	7	Assay required

¹ For purposes of ~~Fluridone SRPAvast!~~ WDG labeling, a pond is defined as a body of water 10 acres or less in size. A lake or reservoir is greater than 10 acres.

² In lakes and reservoirs where one-half or greater of the body of water is treated, use the pond and static canal irrigation precautions.

Where the use of ~~Fluridone SRPAvast!~~ WDG treated water is desired for irrigating crops prior to the time frames established above, use an ELISA or other appropriate means of analysis is recommended to measure the concentration in the treated water. Where

ELISA testing has determined that concentrations are less than 10 parts per billion (ppb), there are no irrigation precautions for irrigating established tree crops, established row crops or turf. For tobacco, tomatoes, peppers or other plants within the Solanaceae family and for newly seeded crops or newly seeded grasses, such as overseeded golf course greens, do not use ~~Fluridone SRP~~ **Avast! WDG** treated water if concentrations are greater than 5 parts per billion. Furthermore, when rotating crops, do not plant members of the Solanaceae family in land that has been previously irrigated with fluridone concentrations in excess of 5 ppb. It is recommended that an aquatic specialist be consulted prior to commencing irrigation of these sites.

WEED CONTROL INFORMATION

~~Fluridone SRP~~ **Avast! WDG** selectivity is dependent upon dosage, time of year, stage of growth, method of application and water movement. The following categories, Controlled, Partially Controlled and Not Controlled, are provided to describe expected efficacy under ideal treatment conditions, using higher to maximum application rates. Use of lower rates will increase selectivity of some species listed as Controlled or Partially Controlled. Additional aquatic plants may be controlled, partially controlled or tolerant to ~~Fluridone SRP~~ **Avast! WDG**.

Consult an aquatic specialist prior to application to determine a plant's susceptibility to ~~Fluridone SRP~~ **Avast! WDG**.

Vascular Aquatic Plants Controlled by ~~Fluridone SRP~~ Avast! WDG:¹

Submersed Plants:

Bladderwort (*Utricularia* spp.)
Coontail, Common (*Ceratophyllum demersum*)[†]
Elodea, Common (*Elodea canadensis*)[†]
Egeria; Brazilian Elodea (*Egeria densa*)
Fanwort; Cabomba (*Cabomba caroliniana*)
Hydrilla (*Hydrilla verticillata*)
Naiad (*Najas* spp.)[†]
Pondweed (*Potamogeton* spp.), except Illinois Pondweed[†]
Watermilfoil (*Myriophyllum* spp.), except Variable-Leaf Milfoil

Shoreline Grasses:

Paragrass (*Urochloa mutica*)

¹ Species denoted by a dagger (†) are native plants that are often tolerant to fluridone at lower use rates. Please consult an aquatic specialist for recommended ~~Fluridone SRP~~ **Avast! WDG** use rates (not to exceed maximum labeled rates) when selective control of exotic species is desired.

Vascular Aquatic Plants Partially Controlled by ~~Fluridone SRP~~ Avast! WDG:

Floating Plants:

Salvinia (*Salvinia* spp.)

Emerald Plants:

Alligatorweed (*Alternanthera philoxeroides*)
Cattail (*Typha* spp.)
Lotus, American (*Nelumbo lutea*)
Parrotfeather (*Myriophyllum aquaticum*)

Smartweed (*Polygonum* spp.)
 Spatterdock (*Nuphar luteum*)
 Spikerush (*Eleocharis* spp.)
 Waterlily (*Nymphaea* spp.)
 Waterprimrose, Creeping (*Ludwigia peploides*)
 Waterpurslane (*Ludwigia palustris*)
 Watershield (*Brasenia schreberi*)

Submersed Plants:

Limnophila (*Limnophila sessiliflora*)
 Pondweed, Illinois (*Potamogeton illinoensis*)
 Tapegrass; American Eelgrass (*Vallisneria americana*)
 Watermilfoil, Variable-Leaf (*Myriophyllum heterophyllum*)

Shoreline Grasses:

Barnyardgrass (*Echinochloa crusgalli*)
 Canarygrass, Reed (*Philaris arundinaceae*)
 Cutgrass, Giant (*Zizaniopsis miliacea*)
 Torpedograss (*Panicum repens*)
 Watergrass, Southern (*Hydrochloa caroliniensis*)

Vascular Aquatic Plants Not Controlled by Fluridone SRPAvast! WDG:

Floating Plants:

Waterhyacinth, Floating (*Eichornia crassipes*)
 Water Lettuce (*Pistia stratiotes*)

Emersed Plants:

Arrowhead (*Sagittaria* spp.)
 Bacopa (*Bacopa* spp.)
 Big Floatingheart; Banana Lily (*Nymphoides aquatica*)
 Bulrush (*Scirpus* spp.)
 Frogbit, American (*Limnobium spongia*)
 Pickerelweed; Lanceleaf (*Pontederia* spp.)
 Rush (*Juncus* spp.)
 Water Pennywort (*Hydrocotyle* spp.)

Shoreline Grasses:

Maidencane (*Panicum hemitomon*)

NOTE: Algae (*Chara*, *Nitella* and filamentous species) are not controlled by Fluridone SRPAvast!
WDG.

APPLICATION DIRECTIONS

The aquatic plants present in the treatment site should be identified prior to application to determine their susceptibility to Fluridone SRPAvast! WDG. It is also important to determine the area (acres) to be treated and the average depth in order to select the proper application rate. Do not exceed the maximum labeled rate for a given treatment site per annual growth cycle.

Application to Ponds

Fluridone SRPAvast! WDG may be applied to the entire surface area of a pond. For single applications, rates may be selected to provide 45 to 90 ppb in the treated water, although actual concentrations in treated water may be substantially lower at any point in time due to the slow-release formulation of this product. When treating for optimum selective control, lower rates may be applied for sensitive target species. Use the higher rate within the rate range where there is a dense weed mass, when treating more difficult to control species, and for ponds less than 5 acres in size with an average depth of less than 4 feet. Application rates necessary to obtain these concentrations in treated water are shown in the following table. For additional application rate calculations, refer to the section of this label entitled *Application Rate Calculation - Ponds, Lakes and Reservoirs*. Split or multiple applications may be used where dilution of treated water is anticipated; however, the sum of all applications should total 45 to 90 ppb and must not exceed a total of 90 ppb per annual growth cycle.

Average Water Depth of Treatment Site (feet)	Pounds of Fluridone SRPAvast! WDG per Treated Surface Acre	
	45 ppb	to 90 ppb
1	2.5	5.0
2	5.0	10.0
3	7.5	15.0
4	10.0	20.0
5	12.5	25.0
6	15.0	30.0
7	17.0	34.0
8	19.5	39.0
9	22.0	44.0
10	24.5	49.0

Application to Lakes and Reservoirs

The following treatments may be used for treating both whole lakes or reservoirs and partial areas of lakes or reservoirs (bays, etc.). For best results in treating partial lakes and reservoirs, **Fluridone SRPAvast! WDG** treatment areas should be a minimum of 5 acres in size. Treatment of areas smaller than 5 acres or treatment of narrow strips, such as boat lanes or shorelines, may not produce satisfactory results due to dilution by untreated water. Rate ranges are provided as a guide to include a wide range of environmental factors, such as target species, plant susceptibility, selectivity and other aquatic plant management objectives. Application rates and methods should be selected to meet the specific lake/reservoir/aquatic plant management goals.

➤ Whole Lake or Reservoir Treatments (Limited or No Water Discharge)

Single Application to Whole Lakes or Reservoirs: Where single applications to whole lakes or reservoirs are desired, apply **Fluridone SRPAvast! WDG** at an application rate of 16 to 90 ppb. Application rates necessary to obtain these concentrations in treated water are shown in the following table. For additional application rate calculations, refer to the section of this label entitled *Application Rate Calculation - Ponds, Lakes and Reservoirs*. Choose an application rate from the following table to meet the aquatic

plant management objective. Where greater plant selectivity is desired, such as when controlling Eurasian watermilfoil and curlyleaf pondweed, choose an application rate lower in the rate range. For other plant species, an aquatic specialist should be contacted to determine when to choose application rates lower in the rate range to meet specific plant management goals. Use the higher rate within the rate range where there is a dense weed mass or when treating more difficult to control plant species. Retreatments may be required to control more difficult to control species or in the event of a heavy rainfall event where dilution of the treatment concentration has occurred. In these cases, a second application or more may be required; however, the sum of all applications cannot exceed 150 ppb per annual growth cycle. Refer to the following section, *Split or Multiple Applications to Whole Lakes or Reservoirs*, for guidelines and maximum rate allowed.

Average Water Depth of Treatment Site (feet)	Pounds of Fluridone SRPAvast! WDG per Treated Surface Acre	
	16 ppb	to 90 ppb
1	0.9	5.0
2	1.7	10.0
3	2.6	15.0
4	3.5	20.0
5	4.3	25.0
6	5.2	30.0
7	6.0	34.0
8	6.9	39.0
9	7.8	44.0
10	8.6	49.0
11	9.5	54.0
12	10.4	59.0
13	11.2	64.0
14	12.1	68.0
15	13.0	73.0
16	13.8	78.0
17	14.7	83.0
18	15.6	88.0
19	16.4	93.0
20	17.3	98.0

Split or Multiple Applications to Whole Lakes or Reservoirs: To meet certain plant management objectives, split or multiple applications may be desired in making whole lake treatments. Split or multiple application programs are desirable when the objective is to use the minimum effective dose and to maintain this lower dose for sufficient time to ensure efficacy and enhance selectivity. In these situations, use the lower rates (16 to 75 ppb) within the rate range. In controlling Eurasian watermilfoil and curlyleaf pondweed and where greater plant selectivity is desired, choose an application rate lower in the rate range. For other plant species, an aquatic specialist should be contacted to determine when to choose application rates lower in the rate range to meet specific plant management goals. For split or repeated applications, the sum of all applications must not exceed 150 ppb per annual growth cycle.

A collection of 15 small, stylized line drawings of various birds, including shorebirds, waterfowl, and songbirds, arranged in a grid-like fashion.

➤ Partial Lake or Reservoir Treatments

Where dilution of ~~Fluridone SRPAvast!~~ WDG with untreated water is anticipated, such as in partial lake or reservoir treatments, split or multiple applications may be used to extend the contact time with the target plants. The application rate and use frequency of ~~Fluridone SRPAvast!~~ WDG in a partial lake is highly dependent upon the treatment area. An application rate at the higher end of the specified rate range may be required and frequency of applications will vary depending upon the potential for untreated water to dilute the ~~Fluridone SRPAvast!~~ WDG concentration in the treatment area. Use a rate at the higher end of the rate range where greater dilution with untreated water is anticipated.

Application Sites Greater than ¼ Mile from a Functioning Potable Water Intake: For single applications, apply ~~Fluridone SRPAvast!~~ WDG at application rates from 45 to 150 ppb. Split or multiple applications may be made, however, the sum of all applications cannot exceed 150 ppb per annual growth cycle. Split applications should be conducted to maintain a sufficient concentration in the target area for a period of 45 days or longer. The use of ELISA or other appropriate means of analysis is recommended to maintain the desired concentration in the target area over time.

Application Sites Within ¼ Mile of a Functioning Potable Water Intake: In treatment areas that are within ¼ mile of a potable water intake, no single application can exceed 20 ppb. When utilizing split or repeated applications of ~~Fluridone SRPAvast!~~ WDG for sites which contain a potable water intake, ELISA or other appropriate means of analysis is required to determine the actual concentration in the water. Additionally, the sum of all applications cannot exceed 150 ppb per annual growth cycle.

Application Rate Calculation — Ponds, Lakes and Reservoirs

The amount of ~~Fluridone SRPAvast!~~ WDG to be applied to provide the desired ppb concentration of active ingredient equivalents in treated water may be calculated as follows:

Pounds of ~~Fluridone SRPAvast!~~ WDG required per treated surface acre = Average water depth of treatment site (feet) x Desired ppb concentration of active ingredient equivalents x 0.054

For example, the pounds per acre of ~~Fluridone SRPAvast!~~ WDG required to provide a concentration of 25 ppb of active ingredient equivalents in water with an average depth of 5 feet is calculated as follows:

$$5 \times 25 \times 0.054 = 6.75 \text{ pounds per treated surface acre.}$$

Note: Calculated rates may not exceed the maximum allowable rate in pounds per treated surface acre for the water depth listed in the application rate table for the site to be treated.

Application to Drainage Canals, Irrigation Canals and Rivers

Static Canals: In static drainage and irrigation canals, apply ~~Fluridone SRPAvast!~~ WDG at the rate of 20 to 40 pounds per surface acre.

Moving Water Canals and Rivers: The performance of ~~Fluridone SRPAvast!~~ WDG will be enhanced by restricting or reducing water flow. In slow moving bodies of water, use an application technique that maintains a concentration of 10 to 40 ppb in the target area for a

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minimum of 45 days. ~~Fluridone SRP~~Avast! WDG can be applied by split or multiple broadcast applications or by metering in the product to provide a uniform concentration of the herbicide based upon the flow pattern. The use of ELISA or other appropriate means of analysis is recommended to maintain the desired concentration in the target area over time.

Static or Moving Canals or Rivers Containing a Functioning Potable Water Intake: In treating a static or moving water canal or river which contains a functioning potable water intake, applications of ~~Fluridone SRP~~Avast! WDG greater than 20 ppb must be made more than ¼ mile from a functioning potable water intake. Applications of less than 20 ppb may be applied within ¼ mile from a functioning potable water intake; however, if applications of ~~Fluridone SRP~~Avast! WDG are made within ¼ mile from a functioning potable water intake, the ELISA or other appropriate means of analysis must be utilized to demonstrate that concentrations do not exceed 150 ppb at the potable water intake.

Application Rate Calculation — Drainage Canals, Irrigation Canals and Rivers

The amount of ~~Fluridone SRP~~Avast! WDG to be applied through a metering system to provide the desired ppb concentration of active ingredient in treated water may be calculated as follows:

1. Average flow rate (feet per second) x Average width (feet) x Average depth (feet) x 0.9 = Cubic feet per second (CFS)
2. CFS x 1.98 = acre-feet per day (water movement)
3. Acre-feet per day x desired ppb x 0.054 = Pounds of ~~Fluridone SRP~~Avast! WDG required per day

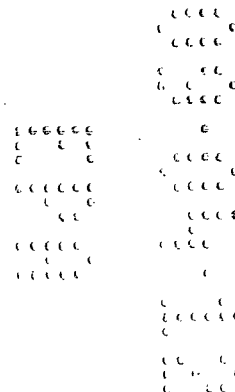
STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container only. Do not store near feed or foodstuffs. In case of spill, contain material and dispose as waste.

Pesticide Disposal: Wastes resulting from use of this product may be used according to label directions or disposed of at an approved waste disposal facility.

Nonrefillable Container Disposal (rigid, ≤ 50 pounds): Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling (if available) 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.



[Base label for Non-dilutable, Non-refillable, Rigid containers \leq 50 pounds]



Fluridone SRP Avast! WDG

AQUATIC HERBICIDE

AN HERBICIDE FOR MANAGEMENT OF AQUATIC VEGETATION IN FRESH WATER PONDS, LAKES, RESERVOIRS, POTABLE WATER SOURCES, DRAINAGE CANALS, IRRIGATION CANALS AND RIVERS.

Active Ingredient

fluridone: 1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1H)-pyridinone 5.0%

Other Ingredients..... 95.0%

TOTAL..... 100.0%

Contains 2 pounds of fluridone per 40-pound container.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep Out of Reach of Children

CAUTION / PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

Harmful if Swallowed, Absorbed Through Skin or Inhaled. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> 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 eye. Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> 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 swallowed	<ul style="list-style-type: none"> 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 to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies involving this product, call 1-800-535-5053.

ENVIRONMENTAL HAZARDS

Follow use directions carefully so as to minimize adverse effects on non-target organisms. Do not contaminate untreated water when disposing of equipment washwaters. Trees and shrubs growing in water treated with **Fluridone SRP** **Avast!** **WDG** may occasionally develop chlorosis. Do not apply in tidewater/brackish water. Lowest rates should be used in shallow areas where the water depth is considerably less than the average depth of the entire treatment site, for example, shallow shoreline areas.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container only. Do not store near feed or foodstuffs. In case of spill, contain material and dispose as waste.

Pesticide Disposal: Wastes resulting from use of this product may be used according to label directions or disposed of at an approved waste disposal facility.

Nonrefillable Container Disposal (rigid, ≤ 50 pounds): Do not reuse or refill this container. Triple rinse (or equivalent). Then offer for recycling (if available) 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.

Refer to the label booklet for the Directions for Use.

NOTICE: Read the entire label before using. Use only according to label directions. **Before buying or using this product, read *Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies* inside label booklet.**

For additional information on our products, please visit www.sepro.com.

EPA Reg. No. 67690-32
FPL20120830081408

EPA Est. No. _____
SPC - _____

SePRO Corporation • 11550 N. Meridian Street, Suite 600 • Carmel, IN 46032, U.S.A.

Aquatic Herbicide

Net contents _____

