



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

67690-87

Date of Issuance:

5/5/21

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Sonar Infinity

Name and Address of Registrant (include ZIP Code):

Joshua Wood  
Regulatory Affairs Associate  
SePRO Corporation  
11550 N. Meridian Street, Suite 600  
Carmel, IN 46032

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. The data requirement for corrosion characteristics (Guideline 830.6320) is not satisfied. A one-year study is required to satisfy this data requirement. You have 18 months from the date of registration to provide this data.

*Continued on page 2*

Signature of Approving Official:

Mindy Ondish, Product Manager 23  
Herbicide Branch, Registration Division (7505P)

Date:

5/5/21

3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 4/26/2021
- Alternate CSF 1 dated 12/1/2020

If you have any questions, please contact Julia Kerr by phone at 703-347-0386, or via email at [kerr.julia@epa.gov](mailto:kerr.julia@epa.gov).

Enclosure

[ALL VERSIONS: Front of label booklet]



FLURIDONE	GROUP	12	HERBICIDE
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# Sonar Infinity™

For management of freshwater aquatic vegetation in ponds, lakes, reservoirs, potable water sources, drainage canals and irrigation canals.

### Active Ingredient

Fluridone: 1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1H)-pyridinone ..... 68%

Other Ingredients ..... 32%

TOTAL ..... 100%

Contains 0.01 pounds active ingredient per Prescription Dose Unit™ (PDU™)  
or 0.68 lbs active ingredient per lb of formulation.  
1 PDU is equal to 0.26 dry oz of product.

## Keep Out of Reach of Children

## CAUTION

Refer to label booklet for additional Precautionary Statements and Directions for Use including First Aid and 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* and *Misuse* statements inside label booklet. If terms are unacceptable, return at once unopened.**

EPA Registration No. 67690-87  
FPL20210503

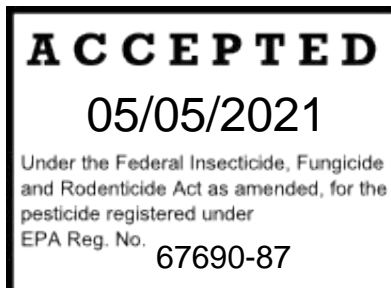
EPA Est. No. \_\_\_\_\_  
[P/N] \_\_\_\_\_

Sonar Infinity, Prescription Dose Unit, and PDU are trademarks of SePRO Corporation.

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

Aquatic Herbicide

Net contents \_\_\_\_\_ (Non-refillable)



[ALL VERSIONS: Label booklet]

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 - 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>HOTLINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency endangering health or the environment involving this product, call <b>INFOTRAC</b> at <b>1-800-535-5053</b> .	

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## PRECAUTIONARY STATEMENTS

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### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants;
- Shoes plus socks;

**Mixers, loaders, and applicators must wear waterproof gloves for:**

- Backpack and/or hand wand spray applications to static canals, and
- Hand wand spray applications to ponds and lakes.

### ENGINEERING CONTROLS STATEMENTS

Aircraft pilots must use an enclosed cab, defined as a cab with a nonporous barrier that totally surrounds the occupant(s) of the cab and prevents dermal contact with pesticides that are being applied outside of the cab.

### ENVIRONMENTAL HAZARDS

Do not apply to water except as specified on the label. Do not apply directly to tidal saltwater sites. Do not contaminate water by disposal of equipment washwaters. 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. Trees and shrubs growing in water treated with this product may occasionally develop chlorosis. Follow use directions carefully to minimize adverse effects on non-target organisms.

## Non-Target Organisms Advisory Statement

This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

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## DIRECTIONS FOR USE

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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.

## PRODUCT INFORMATION

This product is a selective systemic aquatic herbicide for management of freshwater aquatic vegetation in ponds, lakes, reservoirs, drainage canals and irrigation canals, including dry or de-watered areas of these sites. It is absorbed from water by plant shoots and from hydrosol by the roots of aquatic vascular plants. For in-water treatments, it is important to maintain the specified concentration of this product in contact with the target plants for a minimum of 45 days. Rapid water movement or any condition which results in rapid dilution of this product in treated water will reduce its effectiveness. In susceptible plants, this product inhibits the formation of carotene. In the absence of carotene, chlorophyll is rapidly degraded by sunlight. Herbicidal symptoms appear in seven to ten days and appear as white (chlorotic) or pink growing points in many susceptible plant species. Under optimum conditions, a minimum of 30 to 90 days may be required before the desired level of aquatic plant management is achieved. Plant species susceptibility may vary depending on time of year, stage of growth, and water movement. For best results, apply this product 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.

This product is not corrosive to application equipment.

This label provides recommendations on the use of a laboratory analysis for the active ingredient. SePRO recommends the use of high-performance liquid chromatography (HPLC) for the determination of fluridone concentrations in water. It is recommended to contact SePRO for the incorporation of this test, known as a FastEST®, in a treatment program. FastEST® is referenced in this label as the preferred method for the rapid determination of the active ingredient in water. Other proven chemical analyses for the active ingredient may also be used.

## Weed Resistance Management

For resistance management, Sonar Infinity is a Group 12 herbicide. Any weed population may contain or develop plants naturally resistant to Sonar Infinity and other Group 12 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of Sonar Infinity or other Group 12 herbicides within a growing season or among growing seasons with different herbicide groups that control the same weeds.

- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or pest control advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and that considers mechanical control methods, cultural (e.g., timing to favor the desirable plants and not the weeds), biological (weed-competitive varieties) and other management practices.
- Scout before and after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method. Prevent movement of resistant weed seeds to other areas by cleaning equipment.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your sales representative, pest control advisors, or local extension specialist for additional pesticide resistance-management and/or integrated weed-management recommendations for specific types of plants and weed biotypes.

### Use Restrictions

- **The maximum application rate or sum of all application rates is 22 PDU per acre-foot (A-ft) in ponds and 37 PDU per acre-foot in lakes, reservoirs and static canals per annual growth cycle.** For purposes of this product's 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. This maximum concentration is the amount of product calculated as the target application rate; NOT determined by testing the concentration of fluridone in the treated water.
- **Obtain Required Permits:** Consult with appropriate state or local pesticide and/or water authorities before applying this product in or around public waters. Permits and posting of treatment notification may be required by state or local public agencies.
- **Chemigation: DO NOT** apply this product through any type of irrigation system.
- **Hydroponic Farming: DO NOT** use water from a Sonar-treated area for hydroponic farming unless one of the following has been verified for the relevant active water intake and its withdrawal of surface water:
  - A FasTEST® has been run and the concentration in water at the intake is less than 1 ppb; or
  - A filtration or water treatment process following water intake has been verified analytically to reduce the concentration in potential irrigation water below 1 ppb.
- **Greenhouse and Nursery Plants: DO NOT** use water from a Sonar-treated area for greenhouse and nursery irrigation unless one of the following has been verified for the relevant active water intake and its withdrawal of surface water:
  - For the irrigation of woody ornamental plants, a FasTEST® has been run and the concentration at the intake is less than 5 ppb; or

- For the irrigation of other greenhouse or nursery plants, the concentration is confirmed less than 1 ppb; or
- A filtration or water treatment process following water intake has been verified analytically to reduce the concentration in potential irrigation water below either the 1 or 5 ppb levels cited above.
- **Water Use Restrictions Following Applications with Sonar Infinity (Days)**

Application Rate	Drinking†	Fishing	Swimming	Livestock/Pet Consumption
Maximum Rate (37 PDU per A-ft) or less	0	0	0	0

† Note below, under *Potable Water Intakes*, the information for application of this product within ¼ mile (1,320 feet) of a functioning potable water intake.

- **Potable Water Intakes:** In lakes and reservoirs or other sources of potable water, **DO NOT** apply this product at application rates greater than 5 PDU per A-ft within one-fourth mile (1,320 feet) of any functioning potable water intake. At application rates of 1 – 5 PDU per A-ft, this product may be applied where functioning potable water intakes are present. **NOTE: Existing potable water intakes which are no longer in use, such as those replaced by potable water wells or connections to a municipal water system, are not considered to be functioning potable water intakes.**
- Aircraft pilots must use an enclosed cab, defined as a cab with a nonporous barrier that totally surrounds the occupant(s) of the cab and prevents dermal contact with pesticides that are being applied outside of the cab.

**Use Precautions**

- **Irrigation:** Irrigation from area treated with this product may result in injury to the irrigated vegetation. Follow these precautions and inform those who irrigate from areas treated with this product of the irrigation time frames or FasTEST® requirements presented in the table below. Follow the following time frames and assay directions to reduce the potential for injury to vegetation irrigated with treated water. Greater potential for crop injury occurs where treated water is applied to crops grown on low organic and sandy soils.

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 †	7	30	Assay required
Canals	7	14	Assay required
Lakes and Reservoirs †, ††	7	14	Assay required
Dry or De-watered Canals †††	0	0	†††

† For purposes of this 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.

- †† In lakes and reservoirs where one-half or greater of the body of water is treated, use the pond and static canal irrigation precautions. When applying this product to exposed sediments of aquatic sites such as lakes and reservoirs, follow these time frames prior to using water for irrigation once sites are reflooded.
- ††† When this product is applied to exposed sediments of dry or de-watered irrigation canals, treatments must be made at least 2 weeks prior to when the canals are to be refilled and allow canals to refill for a minimum of 24 hours before using water for irrigation.

Where the use of Sonar Infinity treated water is desired for irrigating crops prior to the time frames established above, the use of FasTEST® analysis is recommended to measure the concentration of fluridone in the treated water. Where a FasTEST® has determined that the fluridone concentrations are less than 10 parts per billion, there are no irrigation precautions for irrigating established tree crops, plants, row crops or turf. **For tobacco, tomatoes, peppers or other plants within the Solanaceae Family and newly seeded crops or newly seeded grasses such as overseeded golf course greens, do not use treated water if measured fluridone concentrations are greater than 5 ppb. 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 in the previous year without direct consultation with a SePRO Aquatic Specialist. It is recommended that a SePRO Aquatic Specialist be consulted prior to commencing irrigation of these sites.**

## SPRAY DRIFT ADVISORIES

The applicator is responsible for avoiding off-site spray drift. Be aware of nearby non-target sites and environmental conditions.

### Importance of Droplet Size

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

#### ***Controlling Droplet Size – Ground Boom***

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

#### ***Controlling Droplet Size – Aircraft***

- Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

### Boom Height – Ground Boom

For ground equipment, the boom should remain level with the vegetation canopy or water's surface and have minimal bounce.



### **Release Height - Aircraft**

Higher release heights increase the potential for spray drift. When applying aurally to treatment area, do not release spray at a height greater than 10 ft above the vegetation canopy or water's surface, unless a greater application height is necessary for pilot safety.

### **Shielded Sprayers**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

### **Temperature and Humidity**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

### **Temperature Inversions**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

### **Wind**

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### **Boom-less Ground Applications**

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

### **Handheld Technology Applications**

Take precautions to minimize spray drift.

## **PLANT CONTROL INFORMATION**

This product's selectivity is dependent upon dosage, time of year, stage of growth, method of application and water movement. The following categories controlled and partially controlled are provided to describe expected efficacy under ideal treatment conditions using higher to maximum label 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 this product. It is recommended to consult a SePRO Aquatic Specialist prior to application to determine a plant's susceptibility to the planned treatment.

### **Vascular Aquatic Plants Controlled**

#### ***Submersed Plants***

- bladderwort (*Utricularia* spp.)
- common coontail (*Ceratophyllum demersum*)
- common elodea (*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., including *M. spicatum* x *sibiricum* hybrids)

### **Emerged Plants**

spatterdock (*Nuphar luteum*)  
water-lily (*Nymphaea* spp.)  
watershield (*Brasenia schreberi*)

### **Floating Plants**

common duckweed (*Lemna minor*)  
Salvinia (*Salvinia* spp.)

### **Vascular Aquatic Plants Partially Controlled**

#### **Submersed Plants**

Illinois pondweed (*Potamogeton illinoensis*)  
limnophila (*Limnophila sessiliflora*)  
tapegrass, American eelgrass (*Vallisneria americana*)

#### **Emerged Plants**

alligatorweed (*Alternanthera philoxeroides*)  
American lotus (*Nelumbo lutea*)  
cattail (*Typha* spp.)  
creeping waterprimrose (*Ludwigia peploides*)  
parrotfeather (*Myriophyllum aquaticum*)  
smartweed (*Polygonum* spp.)  
spikerush (*Eleocharis* spp.)  
waterpurslane (*Ludwigia palustris*)

#### **Floating Plants**

common watermeal (*Wolffia columbiana*)<sup>†</sup>

#### **Shoreline Grasses**

barnyardgrass (*Echinochloa crusgalli*)  
giant cutgrass (*Zizaniopsis miliacea*)  
reed canarygrass (*Philaris arundinaceae*)  
southern watergrass (*Hydrochloa caroliniensis*)  
torpedograss (*Panicum repens*)

<sup>†</sup> Consult with a SePRO Aquatic Specialist about techniques to enhance efficacy of watermeal, including incorporation of Galleon S.C. Aquatic Herbicide into a treatment program, in difficult to control sites.

## MIXING DIRECTIONS

The aquatic plants present in the treatment site should be identified prior to application to determine their susceptibility to this product. It is 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.

This product may be diluted with water prior to application. Add the specified amount of this product to water with agitation in the spray tank during the filling operation. Pre-soaking the herbicide in a small amount of water may improve speed of dispersion in tank. Strong agitation may produce slight foaming that can be reduced with use of an aquatic-approved defoaming agent. Surface and subsurface application of the spray can be made with conventional spray equipment. This product can also be applied near the surface of the hydrosoil using weighted trailing hoses. A minimum spray volume of 5 to 100 gallons per acre may be used.

### Tank Mix Directions

This product may be tank mixed with other aquatic herbicides and algaecides to enhance efficacy and plant selectivity provided that this label does not prohibit such mixing. When tank mixing, read and follow the labeled precautionary statements, directions for use, weeds controlled, and other restrictions for each tank mix product. **It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions, limitations, and directions for use on all product labels involved in the tank mixture. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.** To ensure compatibility, a jar test is recommended before field application of any tank mix combination. It is recommended to consult with SePRO for latest tank mix recommendations.

**NOTE:** Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be at the exclusive risk of the user, applicator and/or application adviser, to the extent allowed by applicable law.

## APPLICATION DIRECTIONS

### Application Rate Calculation

The amount of PDU to be applied to provide effective herbicide amounts in treated water may be calculated as follows:

**PDU required** = surface acres X average water depth of treatment site (feet) x PDU per A-ft.

For example, the total PDU required to apply at 5 PDU per A-ft in a 1 acre pond with an average depth of 5 feet is calculated as follows:

$$1 \text{ surface acre} \times 5 \text{ feet} \times 5 \text{ PDU per A-ft} = 25 \text{ total PDU}$$

### Application to Ponds

This product may be applied to the entire surface area of a pond. For single applications, rates may be selected between 1 and 22 PDU per A-ft. 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 less than 4 feet. The sum of all applications must not exceed a total of 22 PDU per A-ft per annual growth cycle.

## 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, 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, this product may be applied at an application rate of 1 to 22 PDU per A-ft. Choose an application rate to meet the aquatic plant management objective. **Where greater plant selectivity is desired such as when controlling Eurasian watermilfoil and curlyleaf pondweed, an application rate lower in the rate range may be chosen.** For other plant species, it is recommended to contact a SePRO Aquatic Specialist for determining 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 must not exceed 37 PDU per A-ft per annual growth cycle. Refer to the section of this label entitled, *Split or Multiple Applications to Whole Lakes or Reservoirs*, for guidelines and maximum rate allowed.

#### **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, through the use of a water analysis, e.g. FasTEST®, add additional product to maintain this lower dose for the sufficient time to ensure efficacy and enhance selectivity. Water may be treated at an initial rate of 1 to 12 PDU per A-ft. Additional split applications should be conducted to maintain Sonar exposure for a minimum of 45 days or longer. **In controlling Eurasian watermilfoil and curlyleaf pondweed and where greater plant selectivity is desired, an application rate lower in the rate range may be chosen.** For other plant species, it is recommended to contact a SePRO Aquatic Specialist for assistance in selecting the appropriate concentrations and timing of application to meet specific plant management goals. When utilizing split or multiple applications of this product, the utilization of FasTEST is strongly recommended to determine the actual concentration in the water over time. For split or multiple applications, the sum of all applications must not exceed 37 PDU per A-ft per annual growth cycle.

**NOTE:** In treating lakes or reservoirs that contain functioning potable water intakes and the application requires treating within ¼ mile of a potable water intake, no single application

can exceed 5 PDU per A-ft. Additionally, the sum of all applications must not exceed 37 PDU per A-ft per annual growth cycle.

### ***Partial Lake or Reservoir Treatments***

Where dilution 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 to the target plants. The application rate and use frequency of this product 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 of untreated water diluting the product's concentration in the treatment area. Use a rate at the higher end of the rate range where greater dilution with untreated water is anticipated.

### **Treatment Areas Greater Than ¼ Mile from a Functioning Potable Water Intake**

For single applications, this product may be applied at application rates from 1 to 37 PDU per A-ft. Split or multiple applications may be made; however, the sum of all applications must not exceed 37 PDU per A-ft per annual growth cycle. Split applications should be conducted to maintain sufficient Sonar exposure in the target area for a period of 45 days or longer. The use of a FastEST® is recommended to maintain the desired concentration in the target area over time.

### **Treatment Areas 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 5 PDU per A-ft. When utilizing split or multiple applications for sites which contain a potable water intake, a FastEST® is required to determine the actual concentration in the water. Additionally, the sum of all applications must not exceed 37 PDU per A-ft per annual growth cycle.

### **Application to Sediments of Dry or De-Watered Aquatic Sites**

For application to sediments of dry or de-watered aquatic sites, including exposed sediments of lakes or reservoirs, irrigation canals, non-irrigation canals and drainage canals, apply a maximum of 37 PDU per surface acre per annual growth cycle. Apply product evenly to the sediment surface, with a minimum spray solution of 30 to 100 gallons per surface acre. High levels of organic matter in treated-sediments may reduce efficacy. This product may be applied with other aquatic herbicides labeled for this use. It is recommended that a SePRO Aquatic Specialist be consulted for further use recommendations.

### **Direct foliar application to floating, topped-out and emerged aquatic vegetation**

For application to floating, topped-out and emerged aquatic vegetation in ponds, lakes, reservoirs, drainage canals and irrigation canals, including dry or de-watered areas of these sites, apply a maximum of 37 PDU per surface acre per annual growth cycle. Apply product evenly to the treatment area using properly calibrated broadcast equipment in a minimum spray solution of 20 to 100 gallons per surface acre. For treatment of vegetation in or on water, do not exceed an in-water rate of 37 PDU per A-ft. Spot treatments can be made with up to 3 PDU per gallon of spray solution when application rate does not exceed 37 PDU per surface acre. It is recommended that a SePRO Aquatic Specialist be consulted for site-specific recommendations.

## Application to Drainage Canals and Irrigation Canals

### **Static Canals**

In static drainage and irrigation canals, apply this product at the rate of 1 to 37 PDU per A-ft. The maximum application rate or sum of all application rates must not exceed 37 PDU per A-ft per annual growth cycle.

### **Moving Water Canals**

In slow moving bodies of water use an application technique that targets 2.5 to 10 PDU per A-ft in the target area for a minimum of 45 days. This product 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 a FasTEST® is recommended to maintain the desired Sonar exposure in the target area over time.

### **Static or Moving Water Canals Containing a Functioning Potable Water Intake**

In treating a static or moving water canal which contains a functioning potable water intake, applications greater than 5 PDU per A-ft must be made more than ¼ mile from a functioning potable water intake. Applications less than 5 PDU per A-ft may be applied within ¼ mile from a functioning potable water intake; however, if applications are made within ¼ mile of a functioning potable water intake, a FasTEST® analysis must be utilized to demonstrate that concentrations do not exceed 150 ppb at the functioning potable water intake.

### **Application Rate Calculation — Moving Water Drainage and Irrigation Canals**

The amount of product 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 canal width (ft.) x average canal depth (ft.) = CFS (cubic feet per second).
2. CFS x 1.98 = acre feet per day (water movement)
3. Acre feet per day x target PDU per A-ft = total PDU 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 leak or spill, contain material and dispose as waste.

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

#### **Container Handling:**

**Non-refillable, rigid container. DO NOT reuse or refill this container.** Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**Triple rinse containers small enough to shake as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or mix tank. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**Non-refillable container, paper or plastic bags. DO NOT reuse or refill this container.**

Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by other procedures approved by state and local authorities.

**Warranty Disclaimer:** SePRO Corporation warrants that this product conforms to the chemical description on the product label. Testing and research have also determined that this product is reasonably fit for the uses described on the product label. To the extent consistent with applicable law, SePRO Corporation makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty and any such warranties are expressly disclaimed.

**Misuse:** Federal law prohibits the use of this product in a manner inconsistent with its label directions. To the extent consistent with applicable law, the buyer assumes responsibility for any adverse consequences if this product is not used according to its label directions. To the extent consistent with applicable law, in no case shall SePRO Corporation be liable for any losses or damages resulting from the use, handling or application of this product in a manner inconsistent with its label.

For additional important labeling information regarding SePRO Corporation's Terms and Conditions of Use, Inherent Risks of Use and Limitation of Remedies, please visit <http://seprolabels.com/terms> or scan the image below.



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[ALL VERSIONS: Base label]



FLURIDONE	GROUP	12	HERBICIDE
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# Sonar Infinity™

## Active Ingredient

Fluridone: 1-methyl-3-phenyl-5-[3-(trifluoromethyl)phenyl]-4(1*H*)-pyridinone ..... 68%

Other Ingredients ..... 32%

**TOTAL** ..... 100%

Contains 0.01 pounds active ingredient per Prescription Dose Unit™ (PDU™)  
 or 0.68 lbs active ingredient per lb of formulation.  
 1 PDU is equal to 0.26 dry oz of product.

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes; then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency endangering health or the environment involving this product, call <b>INFOTRAC</b> at <b>1-800-535-5053</b> .	

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## PRECAUTIONARY STATEMENTS

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### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### 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 leak or spill, contain material and dispose as waste.

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



**Container Handling:**

**Non-refillable, rigid container. DO NOT reuse or refill this container.** Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**Non-refillable container, paper or plastic bags. DO NOT reuse or refill this container.** Completely empty bag into application equipment, then offer for recycling if available or dispose of empty bag in a sanitary landfill or by other procedures approved by state and local authorities.

**See inside label for complete container disposal directions including triple rinsing and pressure rinsing instructions.**

**Refer to label booklet for additional Precautionary Statements and 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* and *Misuse* statements inside label booklet. If terms are unacceptable, return at once unopened.**

EPA Registration No. 67690-87  
FPL20210503

EPA Est. No. \_\_\_\_\_  
[P/N] \_\_\_\_\_

Sonar Infinity, Prescription Dose Unit, and PDU are trademarks of SePRO Corporation.

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

**Aquatic Herbicide**

**Net contents \_\_\_\_\_ (Non-refillable)**

[Text accessed through the weblink / QR code. This is NOT part of the printed label]

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## **TERMS AND CONDITIONS OF USE**

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If terms of the *Warranty Disclaimer* and *Misuse* provisions on the product label as well as the *Inherent Risks of Use* and *Limitation of Remedies* statements below are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, to the extent consistent with applicable law, use by the buyer or any other user constitutes acceptance of the terms under *Warranty Disclaimer*, *Misuse*, *Inherent Risks of Use*, and *Limitation of Remedies*.

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## **INHERENT RISKS OF USE**

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It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including use under conditions noted on the label such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), the presence of other materials, the manner of application, or other factors, all of which are beyond the control of SePRO Corporation or the seller. To the extent consistent with applicable law, all such risks shall be assumed by the buyer and/or user of the product.

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## **LIMITATION OF REMEDIES**

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To the extent consistent with applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to, at SePRO Corporation's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from handling or use of this product unless SePRO Corporation is promptly notified of such losses or damages in writing. In no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

The terms of the *Warranty Disclaimer* and *Misuse* provisions on the product label and these *Terms and Conditions of Use*, *Inherent Risks of Use* and *Limitation of Remedies* cannot be varied by any written or verbal statements or agreements. No employee or sales agent of SePRO Corporation or the seller is authorized to vary or exceed the terms of the *Warranty Disclaimer* and *Misuse* provisions on the product label and these *Terms and Conditions of Use*, *Inherent Risks of Use* and *Limitation of Remedies* in any manner.