

67690-50

04/22/2009

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

67690-50

Date of Issuance:

22 APR 2009

Term of Issuance:

conditional

Name of Pesticide Product:

SP1037

NOTICE OF PESTICIDE:

x Registration
Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration/re-registration review of your product when the Agency requires all registrants of similar products to submit data.
2. Submit the data listed below:
a. Within one year of the date on this registration notice, submit Storage Stability (830.6317) and Corrosion Characteristics (830.6320) studies:
3. Make the following label changes:
a. Revise the EPA Registration Number to read, "EPA Reg. No. 67690-50."

Signature of Approving Official:

Joanne I. Miller

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

Date:

22 APR 2009

**Pertains to Professional Uses Label:**

- b. Add Note to Physician including the following suggested types of information that may be included, if applicable: “- technical information on symptomatology; - use of supportive treatments to maintain life functions; - medicine that will counteract the specific physiological effects of the pesticide; - company telephone number to specific medical personnel who can provide specialized medical advice.”
- c. Immediately following PPE and User Safety Requirements, add “Engineering Controls: Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticide [40 CFR 170.240(d)(6)]”.
- d. Under the Agricultural Use Requirement Box add the statement “Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.”
- e. In the Agricultural Use Requirement Box add “PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: - coveralls, - chemical-resistant gloves made of any water-proof material, - shoes plus socks, - protective eyewear.”
- f. Place appropriate statement in the Directions for Use, under General Precautions and Restrictions, “Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.”
- g. Change “Drift Management” to Spray Drift Management. Change the following to read “A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application (e.g., ground, aerial, airblast, chemigation) can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.”

**Droplet Size**

“When applying sprays that contain 2,4-D as the sole active ingredient, or when applying sprays that contain 2,4-D mixed with active ingredients that require a Coarse or coarser spray, apply only as a Coarse or coarser spray (ASAE standard 572) or a volume mean diameter of 385 microns or greater for spinning atomizer nozzles.

When applying sprays that contain 2,4-D mixed with other active ingredients that require a Medium or more fine spray, apply only as a Medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.”

**Wind Speed**

“Do not apply at wind speeds greater than 15mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for nontarget species, nontarget crops) within 250 feet downwind. If applying a Medium spray, leave one swath unsprayed at the downwind edge of the treated field.”

**Pertains to Consumer/Homeowner Uses Label:**

- h. Under Hazard to Humans and Domestic Animals add the statement "Causes substantial, but temporary eye injury. Harmful if swallowed. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves (such as Natural Rubber, Selection Category A)." Delete the language under "Concentrated Formulation".
- i. Under Important General Use Information and Precautions, add the statement "Do not allow people or pets to enter the treated area until dusts have settled."
- j. Under Storage and Disposal, change the bullets to read "Pesticide Storage" and "Pesticide Disposal". Move the first statement "Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available." under "Pesticide Disposal" bullet.
- k. Change Environmental Hazard statement for Residential Use label to read "This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate.

This chemical has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater."

Submit one copy of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

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

Enclosure

# SP1037

## Aquatic Herbicide

EPA Reg. No. 67690-XX

Master Label (main brand name) – split label containing professional and consumer uses.

**Registration Notes:** Draft label submitted to EPA on 10/10/2008.

### Table of Contents for Master Label

I.	Main Label – Professional Uses	Pages 2 - 14
II.	Main Label – Consumer/Homeowner Uses	Pages 15 - 25

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[Editor's note: This portion of the master label contains Professional Uses.]

[Base label for Non-dilutable, Non-Rigid containers, any size]



**SP1037**

AQUATIC HERBICIDE

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

22 APR 2009

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

67690-50

**FOR CONTROL OF AQUATIC WEEDS IN PONDS; LAKES; RESERVOIRS; MARSHES;  
BAYOUS; DRAINAGE DITCHES; NON-IRRIGATION CANALS; AND RIVERS AND  
STREAMS THAT ARE QUIESCENT OR SLOW-FLOWING.**

**Active Ingredient:**

- triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt ..... 4.0%
- 2,4-dichlorophenoxyacetic acid, dimethylamine salt: ..... 14.0%
- Other Ingredients** ..... 82.00%
- Total** ..... 100.00%
- Acid equivalence (a.e.): 14.4%

**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**KEEP OUT OF REACH OF CHILDREN**

**WARNING / AVISO**

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.)

**CONCENTRATED FORMULATION**

May cause substantial but temporary eye injury. May be harmful if swallowed, inhaled, or absorbed through the skin. Do not get in eyes or on skin or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

<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. 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 swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial</li> </ul>

\*Trademark of SePRO Corporation

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	respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
<b>If on skin or clothing</b>	• 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.
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> .	

**ENVIRONMENTAL HAZARDS**

Fish breathe dissolved oxygen in the water and decaying weeds also use oxygen. When treating continuous, dense weed masses, it may be appropriate to treat only part of the infestation at a time. For example, in quiescent waters, apply the product to areas separated by untreated sections that can be treated after vegetation in treated areas has disintegrated. During the growing season, weeds decompose in a 2 to 4 week period following treatment. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Waters having limited and less dense weed infestations may not require partial treatments.

**AGRICULTURAL CHEMICAL:** Do not ship or store with food, feeds, drugs or clothing.

**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 (non-rigid, any size):** Completely empty bag into application equipment. Then dispose of empty bag 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 label booklet for additional precautionary information and directions for use.**

**NOTICE:** Read the entire label. Use only according to label directions. **Before using this product, read *Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies* at end of label booklet. If terms are unacceptable, return at once unopened.**

For additional information on our products, please visit [www.sepro.com](http://www.sepro.com).

EPA Reg. No. 67690-XX  
 FPL100908

EPA Est. No. \_\_\_\_\_  
 SPC - \_\_\_\_\_

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

**Aquatic Herbicide**

**Net Contents:** \_\_\_\_\_

[Front label for Non-dilutable, Non-Rigid containers, any size]



# SP1037

AQUATIC HERBICIDE

**FOR CONTROL OF AQUATIC WEEDS IN PONDS; LAKES; RESERVOIRS; MARSHES; BAYOUS; DRAINAGE DITCHES; NON-IRRIGATION CANALS; AND RIVERS AND STREAMS THAT ARE QUIESCENT OR SLOW-FLOWING.**

**Active Ingredient:**

triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt .....	4.0%
2,4-dichlorophenoxyacetic acid, dimethylamine salt: .....	14.0%
<b>Other Ingredients</b> .....	<u>82.00%</u>
<b>Total</b> .....	100.00%

Acid equivalence (a.e.): 14.4%

**KEEP OUT OF REACH OF CHILDREN  
WARNING / AVISO**

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.)

**CONCENTRATED FORMULATION**

**AGRICULTURAL CHEMICAL:** Do not ship or store with food, feeds, drugs or clothing.

**Refer to inside of label booklet for additional precautionary information and directions for use including storage and disposal.**

**NOTICE:** Read the entire label. Use only according to label directions. **Before using this product, read *Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies* at end of label booklet. If terms are unacceptable, return at once unopened.**

For additional information on our products, please visit [www.sepro.com](http://www.sepro.com).

EPA Reg. No. 67690-XX  
FPL100908

EPA Est. No. \_\_\_\_\_  
SPC - \_\_\_\_\_

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

**Aquatic Herbicide**

**Net Contents:** \_\_\_\_\_

[Label booklet text]

**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**KEEP OUT OF REACH OF CHILDREN**

**WARNING / AVISO**

**CONCENTRATED FORMULATION**

May cause substantial but temporary eye injury. May be harmful if swallowed, inhaled, or absorbed through the skin. Do not get in eyes or on skin or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

<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. 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 swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further 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>
<p>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>.</p>	

<b>PERSONAL PROTECTIVE EQUIPMENT (PPE)</b>	
<p><b>All loaders, applicators, and other handlers must wear:</b></p> <ul style="list-style-type: none"> <li>• Long-sleeve shirt and long pants;</li> <li>• Shoes and socks; and</li> <li>• Protective eyewear.</li> </ul>	
<p>Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.</p>	



## ENGINEERING CONTROLS

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

### USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

Fish breathe dissolved oxygen in the water and decaying weeds also use oxygen. When treating continuous, dense weed masses, it may be appropriate to treat only part of the infestation at a time. For example, in quiescent waters, apply the product to areas separated by untreated sections that can be treated after vegetation in treated areas has disintegrated. During the growing season, weeds decompose in a 2 to 4 week period following treatment. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Waters having limited and less dense weed infestations may not require partial treatments.

**AGRICULTURAL CHEMICAL:** Do not ship or store with food, feeds, drugs or clothing.

### 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 INFORMATION

SP1037 herbicide may be applied directly to water for the control of aquatic weeds. SP1037 enhances target weed control, and provides selective control of many broadleaf weeds in: ponds; lakes; reservoirs; marshes; bayous; drainage ditches; non-irrigation canals; and rivers and streams that are quiescent or slow-flowing.

SP1037 is formulated on biodegradable granules that, when applied to water bodies, immediately delivers SP1037 down to the critical area for controlling target weeds. SP1037 is quickly absorbed from the water through plant stems and foliage and from the hydrosol by roots. Herbicidal symptoms are initially expressed 2 to 14 days following application and usually involve bending and twisting of apical sections and shoots of susceptible plants. Initial symptoms are followed by necrosis of terminal buds and above ground tissue. Generally, target plants are controlled within 2 to 4 weeks after treatment, but depending on conditions and plant species can take up to 8 weeks for complete control.

When applying SP1037 follow all applicable use directions, precautions and limitations. All SP1037 concentrations referred to in this label are based on acid equivalence (a.e.).

**Obtain Required Permits:** Consult with the State or local agency with primary responsibility for pesticide regulation before applying to public waters to determine if a permit or public notification is required.

**Recreational Use of Water in Treatment Area:** There are no restrictions on the use of treated water for recreational purposes, including swimming, fishing and domestic purposes.

**Livestock Use of Water from Treatment Area:** There are no restrictions on consumption of treated water for potable use by livestock, pets, or other animals.

### **GENERAL USE PRECAUTIONS AND RESTRICTIONS**

- Do not apply SP1037 in a way that will contact workers or other persons, either directly or through drift; only protected handlers may be in close proximity to the mixing area or application equipment while in use; otherwise, do not enter or allow people (or pets) to enter the treatment area while SP1037 is being applied. For requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.
- **Chemigation:** Do not apply SP1037 through any type of irrigation system.
- Do not apply to salt water bays or estuaries.
- Applications to target areas are limited to two (2) per season.
- Apply a maximum of 93.7 pounds of SP1037 (13.5 lbs a.e.)/acre-foot per application. Do not exceed 5.0 ppm during any single application.
- Do not apply within 21 days of previous application except when conducting split treatments. Split treatments, over relatively short periods of time (e.g. 1 to 4 days), may be effective in some areas to maintain adequate exposure with target plants, such as small sites or sites with higher dilution potential.
- When treating moving bodies of water, applications must be made while traveling upstream to prevent concentration of herbicide downstream from the application.

### **APPLICATION TO WATERS USED FOR IRRIGATION**

#### **Irrigation Restrictions**

- Do not use treated water for irrigating greenhouse or nursery plants unless triclopyr and 2,4-D residues are confirmed to be less than 1 ppb by laboratory analysis.
- Do not use water treated with SP1037 for hydroponic farming.
- Do not apply SP1037 directly to, or otherwise permit it to come into direct contact with grapes, tobacco, vegetable crops, flowers, or other desirable susceptible broadleaf plants, and do not permit dust to drift into these areas.
- This label describes both required and recommended uses of a chemical analyses for the active ingredients, triclopyr and 2,4-D. SePRO Corporation recommends the use of an Enzyme-Linked Immunoassay (ELISA) test for the determination of SP1037 concentration in water. Contact SePRO Corporation for the incorporation of these analyses into your treatment program. Other proven chemical analysis for the active ingredients may also be used. The ELISA analysis is referenced in this label as the preferred method for the rapid determination of the concentration of the active ingredients in the water. Both triclopyr and 2,4-D can be analyzed from a single water sample.
- If SP1037 treated water is intended to be used only for crops or non-crop areas that are labeled for direct treatment with triclopyr and 2,4-D such as pastures, turf, or established grasses, the treated water may be used to irrigate and/or mix sprays for these sites at any time during and after application.
- Due to potential phytotoxicity and/or residue considerations, the following restrictions are applicable to other uses of irrigation water:
  - If treated water is intended to be used to irrigate or mix sprays for crops not labeled for direct treatment with triclopyr and 2,4-D, the water must not be used unless one of the following restrictions has been observed:

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- A waiting period of 120 days from the time of application has elapsed; or
- An approved assay indicates that the triclopyr concentration is 1.0 ppb or less and the 2,4-D concentration is 100 ppb or less at the water intake. See Table 2 (*SAMPLING FOR DRINKING WATER ANALYSES*) for the recommended waiting periods after application but before taking the initial water sample at water intake.
- If treated water is intended to be used to irrigate non-crop areas not labeled for direct treatment with triclopyr and 2,4-D (e.g. landscape ornamentals) or for other irrigation uses not described, consult with SePRO Corporation prior to commencing irrigation if triclopyr concentrations exceed 1.0 ppb and 2,4-D concentrations are greater than 100 ppb.

**APPLICATIONS TO POTABLE WATER SOURCES**

**Potable Water Restrictions**

- The potable water use restrictions on this label are to ensure that consumption of water by the public is allowed only when the concentration of triclopyr in water is less than 400 ppb and the concentration of 2,4-D in water is less than the MCL (Maximum Contaminant Level) of 70 ppb. Applicators should consider the unique characteristics of the treated waters to assure that triclopyr and 2,4-D concentrations in potable water do not exceed 400 ppb and 70 ppb, respectively, at the time of consumption.
- The drinking water setback distances from functioning potable water intakes are provided in Table 1 (*DRINKING WATER SETBACK DISTANCES*).

<b>TABLE 1</b>			
<b>DRINKING WATER SETBACK DISTANCES</b>			
Application concentration and minimum setback distance (ft) from functioning potable water intake			
<b>≤1 ppm<sup>†</sup></b>	<b>1.1 to 2.0 ppm<sup>†</sup></b>	<b>2.1 to 3.0 ppm<sup>†</sup></b>	<b>3.1 to 5 ppm<sup>†</sup></b>
600	1,200	1,800	2,400

<sup>†</sup> ppm acid equivalent target water concentration

- Following each application of SP1037, treated water must not be used for potable water unless **one** of the following restrictions has been observed:
  - A setback distance described in Table 1 was used for the application;
  - A waiting period of at least 21 days from the time of application has elapsed; or
  - An approved assay indicates that the triclopyr concentration is 400 ppb or less and the 2,4-D concentration is 70 ppb or less at the water intake. Sampling for drinking water analyses should occur no sooner than stated in Table 2. **NOTE:** Sampling for drinking water analysis should occur no sooner than 3 days after SP1037 application. Analysis of 2,4-D in drinking water samples must be completed by a laboratory that is certified under the Safe Drinking Water Act to perform drinking water analysis using a currently approved version of analytical Method Number 515, 555, other methods for 2,4-D as may be listed in Title 40 CFR, Part 141.24, or Method Number 4015 (immuncassay of 2,4-D) from U.S. EPA Test Methods for Evaluating Solid Waste SW-846.

<b>TABLE 2</b>		
<b>SAMPLING FOR DRINKING WATER ANALYSES</b>		
Minimum days after application before initial water sampling at the functioning potable water intake		
<b>≤1 ppm<sup>††</sup></b>	<b>1.1 to 3.0 ppm<sup>††</sup></b>	<b>3.1 to 5.0 ppm<sup>††</sup></b>
5	10	14

† These are general guidelines; the amount of time required for residues to reach concentrations acceptable for drinking or irrigation will depend on the total acres treated relative to water body size, application rates, water exchange rates, weed density, and various other factors. Consult a SePRO Aquatic Specialist for site specific recommendations.

†† ppm acid equivalent target water concentration

- **If no setback distance from Table 1 is to be used for the application, applicators or the authorizing organization must provide a drinking water notification and an advisory to shut off all potable water intakes inside the setback zone prior to SP1037 application.** Notification to the party responsible for a public water supply or to individual private water users must be done in a manner to assure that the party is aware of the water use restrictions when this product is applied to potable water. The following is an example of a notification via posting, but other methods of notification which convey the above restrictions may be used and may be required in some cases under state or local law or as a condition of a permit.
  - **Example:**
    - Posting notification should be located every 250 feet including the shoreline of the treated area and up to 250 feet of shoreline past the application site to include immediate public access points. Posting should include the day and time of application. Posting may be removed if analyses of a sample collected at the intake, no sooner than stated in Table 2, shows that the triclopyr concentration in the water is 400 ppb or less and the 2,4-D concentration is 70 ppb or less, or after 21 days following application, whichever occurs first.
      - **Text of notification:** Wait 21 days before diverting functioning surface water intakes from the treated aquatic site to use as drinking water unless water at functioning drinking water intakes is tested no sooner than [insert days from Table 2] and is demonstrated by assay to contain no more than 400 ppb triclopyr and 70 ppb 2,4-D. Application Date: \_\_\_\_\_, Time: \_\_\_\_\_.
- **NOTE:** Existing potable water intakes that are no longer in use, such as those replaced by a connection to a municipal water system or a potable water well, are not considered to be functioning potable water intakes.
- Drinking water setback distances do not apply to terrestrial applications of triclopyr or 2,4-D adjacent to water bodies with potable water intakes.

### GRAZING AND HAYING RESTRICTIONS

Except for lactating dairy animals, there are no grazing restrictions following application of this product.

- **Grazing Lactating Dairy Animals:** Do not allow lactating dairy animals to graze treated areas until the next growing season following application of this product.
- Do not harvest hay for 14 days after application.
- Grazed areas of sites may be spot treated if they comprise no more than 10% of the total grazable area.

### SLAUGHTER RESTRICTIONS

During the season of application, withdraw livestock from grazing treated grass at least 3 days before slaughter.

## **DRIFT MANAGEMENT**

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity), method of application (e.g., ground, aerial, airblast), can influence the potential for drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product. Applying SP1037 through an enclosed eductor or slurry injection system via a continuous stream of water and/or injected under the water surface further minimizes drift potential.

### **Wind Speed**

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including, but not limited to, residential areas, bodies of water, known habitat for non-target species, non-target crops) near enough to be injured.

### **Temperature Inversions**

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below application height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

**Susceptible Plants:** Do not apply under circumstances where drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use or consumption. Susceptible crops include, but are not limited to, cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of pesticide drift that might not be visible may injure susceptible broadleaf plants.

**Other State and Local Requirements:** Applicators must follow all state and local pesticide drift requirements regarding application of triclopyr or 2,4-D herbicides in aquatic sites. Where states have more stringent regulations, they must be observed.

### **Equipment**

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

### **Aerial applications**

- Apply SP1037 at the lowest height consistent with efficacy and flight safety. Do not apply at a height greater than 10 feet above the water surface or plant canopy unless a greater height is required for aircraft safety.
- When applications are made with a crosswind, the swath will be displaced downwind. The applicator must compensate for this by adjusting the path of the aircraft upwind.

### **AQUATIC WEEDS CONTROLLED BY SP1037**

Efficacy and selectivity of SP1037 is dependent upon dose, time of year, stage of growth, method of application, and water movement. The following categories – highly susceptible, moderately susceptible, and less susceptible – are provided to define species that may be controlled using SP1037.

Efficacy and selectivity is dependent on many factors, and can be managed through selection of application rates, application techniques and timing, etc. Rate selection will be partially

dependent on characteristics of the treatment area. Consult with SePRO Corporation to determine best treatment protocols to manage individual species and to meet specific aquatic plant management objectives. Plants listed as moderately susceptible and less susceptible can be controlled under most use conditions, but generally require higher application rates.

### HIGHLY SUSCEPTIBLE VASCULAR AQUATIC PLANTS

Eurasian watermilfoil (*Myriophyllum spicatum*)  
hybrid watermilfoil (*Myriophyllum spicatum x sibiricum*)

### MODERATELY SUSCEPTIBLE VASCULAR AQUATIC PLANTS

northern watermilfoil (*Myriophyllum sibiricum*)  
other milfoil species (*Myriophyllum* spp.)  
bladderwort (*Utricularia* spp.)  
white water lily (*Nymphaea* spp.)  
watershield (*Brasenia* spp.)

### LESS SUSCEPTIBLE VASCULAR AQUATIC PLANTS

variable-leaf milfoil (*Myriophyllum heterophyllum*)  
water stargrass (*Heteranthera dubia*)  
coontail (*Ceratophyllum demersum*)  
parrotsfeather (*Myriophyllum aquaticum*)<sup>††</sup>  
yellow water lily or spatterdock (*Nuphar* spp.)  
water chestnut (*Trapa natans*)<sup>†, ††</sup>

<sup>†</sup> Not for use in California

<sup>††</sup> Retreatment may be needed to achieve desired level of control.

## APPLICATION METHODS

### Surface Application

Use a mechanical spreader such as a fertilizer spreader, blower, mechanical seeder, an educator system, or similar equipment capable of uniformly applying SP1037. Before spreading any product, carefully calibrate the application equipment. When using boats and power equipment, you must determine the proper combination of (1) boat speed, (2) rate of delivery from the spreader, and (3) width of swath covered by the granules.

Use the following formula to calibrate the spreader's delivery in pounds of SP1037 per minute:

$$\text{Pounds per Minute} = \frac{\text{miles per hour} \times \text{swath width (feet)} \times \text{pounds per acre}}{495}$$

### Aerial Application (Helicopter Only)

Ensure uniform application. All equipment should be properly calibrated using blanks with similar physical characteristics to SP1037. To avoid streaked, uneven or overlapped application, use an appropriate tracking device (e.g. GPS). Refer to the **DRIFT MANAGEMENT** section of this label for additional precautions and instructions for aerial application.

**Floating-leaf and Emergent Weeds**

For control of water lily's (*Nymphaea* spp. and *Nuphar* spp.), watershield (*Brasenia* spp.), and other susceptible emergent and floating-leaf herbaceous weeds, apply up to 1.0 to 5.0 ppm. Apply when plants are actively growing.

**Submersed Weeds**

For control of Eurasian watermilfoil (*Myriophyllum spicatum*) and other submersed weeds, apply SP1037 at concentrations up to 0.25 to 5.0 ppm in treated water. Rates should be selected according to the Table 3 (*CONCENTRATION OF SP1037 IN WATER*). For optimal control, apply when Eurasian watermilfoil or other submersed weeds are actively growing.

When controlling Eurasian watermilfoil in plant communities containing other desirable susceptible species, selectivity may be enhanced generally by using a rate lower in the range, treatment timing, application technique, etc.; consult a SePRO Aquatic Specialist for site specific recommendations.

TABLE 3 CONCENTRATION OF SP1037 IN WATER (PPM A.E.)						
Avg. Water Depth (ft)	0.25 ppm	0.5 ppm	1.0 ppm	2.0 ppm	4.0 ppm	5.0 ppm
	Pounds SP1037 / acre					
1	4.7	9.4	18.8	37.5	75.0	93.7
2	9.4	18.8	37.5	75.0	150.0	187.5
3	14.1	28.1	56.3	112.5	225.0	281.2
4	18.8	37.5	75.0	150.0	300.0	375.0
5	23.4	46.9	93.8	187.5	375.0	468.7

Use of higher rates in the rate range is necessary to achieve desired control in areas of greater water exchange; when treating more mature plants; when targeting more difficult to control aquatic species; and when treating small areas in larger bodies of water (spot treatments). Lower concentrations are generally used when conducting early season large-scale treatments; and treating larger areas, more immature plants, and areas with less potential for rapid water exchange. Some areas may require a repeat application to control re-growth.

The following formula can be used to calculate applications rates based on depths exceeding 4 feet deep or when using a concentration not in the Table 3.

$$\text{Pounds of SP1037 per Acre} = \text{average depth} \times \text{target ppm} \times 18.75$$

Example Calculation:

$$6 \text{ foot average depth} \times 1.25 \text{ ppm} \times 18.75 = 140.6 \text{ pounds of SP1037 per acre}$$

**NOTE:** apply a maximum of 93.7 pounds of SP1037 (13.5 lbs a.e.)/acre-foot per application. Do not exceed 5.0 ppm during any single application.

**COMBINATIONS WITH OTHER HERBICIDES**

SP1037 may be combined or applied simultaneously with other herbicides to increase the weed control spectrum or enhance efficacy. Follow all applicable use directions, precautions, and restrictions on all labels used in the combination.

**IF ANY OF THE CONTENT OF THIS LABEL IS NOT UNDERSTOOD, OR YOU NEED FURTHER ASSISTANCE, CONTACT A SEPRO AQUATIC SPECIALIST WITH QUESTIONS SPECIFIC TO YOUR APPLICATION.**

### **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 (non-rigid, any size):** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### **TERMS AND CONDITIONS OF USE**

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

### **WARRANTY DISCLAIMER**

SePRO Corporation warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SEPRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

### **INHERENT RISKS OF USE**

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 conditions noted on the label such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of SePRO Corporation as the seller. To the extent consistent with applicable law, all such risks shall be assumed by buyer.

### **LIMITATION OF REMEDIES**

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.

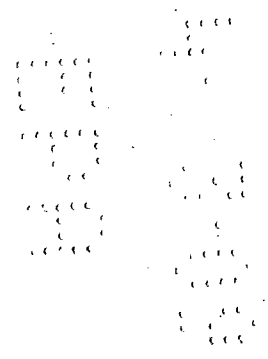
To the extent consistent with applicable law SePRO Corporation shall not be liable for losses or damages resulting from handling or use of this product unless SePRO Corporation is promptly notified of such losses or damages in writing. To the extent permitted by applicable law in no case shall SePRO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



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The terms of the *Warranty Disclaimer* above and this *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* or *Limitations of Remedies* in any manner.

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[Editor's note: This portion of the master label contains Consumer/Homeowner Uses.]

[Front label for Household/Residential container]



# SP1037

AQUATIC HERBICIDE

READY-TO-USE

**FOR CONTROL OF AQUATIC WEEDS IN PONDS AND WATER FRONT SHORELINES THAT ARE QUIESCENT OR SLOW-FLOWING.**

**Active Ingredient:**

triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, triethylamine salt .....	4.0%
2,4-dichlorophenoxyacetic acid, dimethylamine salt: .....	14.0%
<b>Other Ingredients</b> .....	<u>82.00%</u>
<b>Total</b> .....	100.00%
Acid equivalence (a.e.): 14.4%	

## KEEP OUT OF REACH OF CHILDREN WARNING

**Specialty Chemical:** Do not ship or store with food, feeds, drugs or clothing.

See back panel booklet for additional precautionary statements, directions for use and warranty information.

**Net [ ]**

[Editorial Note: Bracketed [text] indicates marketing claims; text in curly brackets {text} show place holders for graphics.]

[Label booklet cover for Household/Residential containers]



# SP1037

## AQUATIC HERBICIDE

### READY-TO-USE

#### PRODUCT FACTS

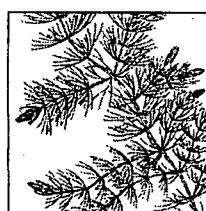
This product will provide selective herbicidal control of many unwanted aquatic plants species.

#### AQUATIC WEEDS CONTROLLED

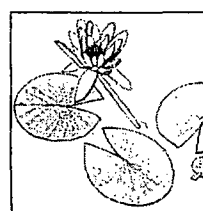
Controls Various Types of Nuisance Aquatic Weeds



Milfoil



Coontail



Lily

(See complete list under the directions for use section of this label)

#### How SP1037 Works

SP1037 is applied directly to water in a pond or water front shoreline. The active ingredients are quickly absorbed from the water through plant stems and foliage and from the hydrosol by roots. SP1037 is formulated on biodegradable granules that that when applied to water bodies immediately sink and deliver the product to the critical areas for controlling target weeds. Generally, target plants are controlled within 2 to 4 weeks after treatment, but depending on conditions and plant species can take up to 8 weeks or longer for complete control.

#### Where to Apply

Apply SP1037 herbicide to ponds and water front shorelines.

#### Questions, Comments or Information

{graphic of phone} Call \_\_\_\_\_

{graphic of internet/computer} www. \_\_\_\_\_

Open booklet for details.  
Made in U.S.A.

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

EPA Reg. No. 67690-XX  
FPL100908

EPA Est. No. \_\_\_\_\_  
SPC - \_\_\_\_\_

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[Label booklet text for Household/Residential containers]



# SP1037

AQUATIC HERBICIDE

## PRECAUTIONARY STATEMENTS

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**KEEP OUT OF REACH OF CHILDREN**

## WARNING

May cause substantial but temporary eye injury. May be harmful if swallowed, inhaled, or absorbed through the skin. Do not get in eyes or on skin or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

<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. 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 swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further 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>
<p>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>.</p>	

## ENVIRONMENTAL HAZARDS

Fish breathe dissolved oxygen in the water and decaying weeds also use oxygen. When treating continuous, dense weed masses, it may be appropriate to treat only part of the infestation at a time. For example, in quiescent waters, apply the product to areas separated by untreated sections that can be treated after vegetation in treated areas has disintegrated. During the growing season, weeds decompose in a 2 to 4 week period following treatment.

\*Trademark of SePRO Corporation

Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Waters having limited and less dense weed infestations may not require partial treatments.

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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.

### **GENERAL INFORMATION**

SP1037 herbicide may be applied directly to water for the control of aquatic weeds. SP1037 enhances target weed control, and provides selective control of many broadleaf weeds in ponds and on lake front shorelines.

SP1037 is formulated on biodegradable granules that, when applied to water bodies, immediately delivers SP1037 down to the critical areas for controlling target weeds. SP1037 is quickly absorbed from the water through plant stems and foliage and from the hydrosol by roots. Herbicidal symptoms are initially expressed 2 to 14 days following application and usually involve bending and twisting of apical sections and shoots of susceptible plants. Initial symptoms are followed by necrosis of terminal buds and above ground tissue. Generally, target plants are controlled within 2 to 4 weeks after treatment, but depending on conditions and plant species can take up to 8 weeks for complete control.

When applying SP1037 follow all applicable use directions, precautions and limitations. All SP1037 concentrations referred to in this label are based on acid equivalence (a.e.).

### **IMPORTANT GENERAL USE INFORMATION AND PRECAUTIONS**

- There are no restrictions on fishing, swimming, recreational use, or consumption of treated water for potable use by livestock, pet, or other animals following application of SP1037.
- Do not allow people or pets to enter the treatment area while SP1037 is being applied.
- Do not apply to salt water bays or estuaries.
- Do not apply this product through any type of irrigation system.
- Applications to target areas are limited to two (2) per season.
- Apply a maximum of 93.7 pounds of SP1037 (13.5 lbs a.e.)/acre-foot per application. Do not exceed 5.0 ppm during any single application.
- Do not apply within 21 days of previous application except when conducting split treatments. Split treatments, over relatively short periods of time (e.g. 1 to 4 days), may be effective in some areas to maintain adequate exposure with target plants, such as small sites or sites with higher dilution potential.
- Obtain Required Permits: Consult with appropriate state or local water authorities before applying SP1037. If the pond/lake is not privately owned by you be sure to check with state or local water authorities who have regulatory authority over public water as permits may be required by state or local public agencies.

### **APPLICATION TO WATERS USED FOR IRRIGATION**

#### **Irrigation Restrictions**

- Do not use treated water for irrigating greenhouse or nursery plants unless triclopyr and 2,4-D residues are confirmed to be less than 1 ppb by laboratory analysis.
- Do not use water treated with SP1037 for hydroponic farming.

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- Do not apply SP1037 directly to, or otherwise permit it to come into direct contact with grapes, tobacco, vegetable crops, flowers, or other desirable susceptible broadleaf plants, and do not permit dust to drift into these areas.
- This label describes both required and recommended uses of a chemical analyses for the active ingredients, triclopyr and 2,4-D. SePRO Corporation recommends the use of an Enzyme-Linked Immunoassay (ELISA) test for the determination of SP1037 concentration in water. Contact SePRO Corporation for the incorporation of these analyses into your treatment program. Other proven chemical analyses for the active ingredients may also be used. The ELISA analysis is referenced in this label as the preferred method for the rapid determination of the concentration of the active ingredients in the water. Both triclopyr and 2,4-D can be analyzed from a single water sample.
- If SP1037 treated water is intended to be used only for crops or non-crop areas that are labeled for direct treatment with triclopyr and 2,4-D such as pastures, turf or established grasses, the treated water may be used to irrigate and/or mix sprays for these sites at any time during and after the application.
- Due to potential phytotoxicity and/or residue considerations, the following restrictions are applicable to other uses of irrigation water.
  - If treated water is intended to be used to irrigate or mix sprays for crops not labeled for direct treatment with triclopyr and 2,4-D, the water must not be used unless **one** of the following restrictions has been observed:
    - A waiting period of 120 days from the time of application has elapsed; or
    - An approved assay indicates that the triclopyr concentration is 1.0 ppb or less and the 2,4-D concentration is 100 ppb or less at the water intake. See Table 2 (SAMPLING FOR DRINKING WATER ANALYSES) for the recommended waiting periods after application but before taking the initial water sample at water intake.
  - If treated water is intended to be used to irrigate non-crop areas not labeled for direct treatment with triclopyr and 2,4-D (e.g. landscape ornamentals) or for other irrigation uses not described, consult with SePRO Corporation prior to commencing irrigation if triclopyr concentrations exceed 1.0 ppb and 2,4-D concentrations are greater than 100 ppb.

**APPLICATIONS TO POTABLE WATER SOURCES**

**Potable Water Restrictions**

- The potable water use restrictions on this label are to ensure that consumption of water by the public is allowed only when the concentration of triclopyr in water is less than 400 ppb and the concentration of 2,4-D in water is less than the MCL (Maximum Contaminant Level) of 70 ppb. Applicators should consider the unique characteristics of the treated waters to assure that triclopyr and 2,4-D concentrations in potable water do not exceed 400 ppb and 70 ppb, respectively, at the time of consumption.
- The drinking water setback distances from functioning potable water intakes are provided in Table 1 (DRINKING WATER SETBACK DISTANCES).

<b>TABLE 1</b>			
<b>DRINKING WATER SETBACK DISTANCES</b>			
Application concentration and minimum setback distance (ft) from functioning potable water intake			
<b>≤1 ppm<sup>†</sup></b>	<b>1.1 to 2.0 ppm<sup>†</sup></b>	<b>2.1 to 3.0 ppm<sup>†</sup></b>	<b>3.1 to 5.0 ppm<sup>†</sup></b>
600	1,200	1,800	2,400

<sup>†</sup> ppm acid equivalent target water concentration

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- Following each application of SP1037, treated water must not be used for potable water unless **one** of the following restrictions has been observed:
  - A setback distance described in Table 1 was used for the application;
  - A waiting period of at least 21 days from the time of application has elapsed; or
  - An approved assay indicates that the triclopyr concentration is 400 ppb or less and the 2,4-D concentration is 70 ppb or less at the water intake. Sampling for drinking water analyses should occur no sooner than stated in Table 2. **NOTE:** Sampling for drinking water analysis should occur no sooner than 3 days after SP1037 application. Analysis of 2,4-D in drinking water samples must be completed by a laboratory that is certified under the Safe Drinking Water Act to perform drinking water analysis using a currently approved version of analytical Method Number 515, 555, other methods for 2,4-D as may be listed in Title 40 CFR, Part 141.24, or Method Number 4015 (immunoassay of 2,4-D) from U.S. EPA Test Methods for Evaluating Solid Waste SW-846.

<b>TABLE 2</b>		
<b>SAMPLING FOR DRINKING WATER ANALYSES</b>		
Minimum days after application before initial water sampling at the functioning potable water intake		
$\leq 1$ ppm <sup>††</sup>	1.1 to 3.0 ppm <sup>††</sup>	3.1 to 5.0 ppm <sup>††</sup>
5	10	14

<sup>†</sup> These are general guidelines; the amount of time required for residues to reach concentrations acceptable for drinking or irrigation will depend on the total acres treated relative to water body size, application rates, water exchange rates, weed density, and various other factors. Consult a SePRO Aquatic Specialist for site specific recommendations.

<sup>††</sup> ppm acid equivalent target water concentration

- **If no setback distance from Table 1 is to be used for the application, applicators or the authorizing organization must provide a drinking water notification and an advisory to shut off all potable water intakes inside the setback zone prior to SP1037 application.** Notification to the party responsible for a public water supply or to individual private water users must be done in a manner to assure that the party is aware of the water use restrictions when this product is applied to potable water. The following is an example of a notification via posting, but other methods of notification which convey the above restrictions may be used and may be required in some cases under state or local law or as a condition of a permit.

- **Example:**

- Posting notification should be located every 250 feet including the shoreline of the treated area and up to 250 feet of shoreline past the application site to include immediate public access points. Posting should include the day and time of application. Posting may be removed if analyses of a sample collected at the intake, no sooner than stated in Table 2, shows that the triclopyr concentration in the water is 400 ppb or less and the 2,4-D concentration is 70 ppb or less, or after 21 days following application, whichever occurs first.
- **Text of notification:** Wait 21 days before diverting functioning surface water intakes from the treated aquatic site to use as drinking water unless water at functioning drinking water intakes is tested no sooner than [insert days from Table 2] and is demonstrated by assay to contain no more than 400 ppb triclopyr and 70 ppb 2,4-D. Application Date: \_\_\_\_\_ Time: \_\_\_\_\_.

- **NOTE:** Existing potable water intakes that are no longer in use, such as those replaced by a connection to a municipal water system or a potable water well, are not considered to be functioning potable water intakes.

### GRAZING AND HAYING RESTRICTIONS

Except for lactating dairy animals, there are no grazing restrictions following application of this product.

- **Grazing Lactating Dairy Animals:** Do not allow lactating dairy animals to graze treated areas until the next growing season following application of this product.
- Do not harvest hay for 14 days after application.
- Grazed areas of sites may be spot treated if they comprise no more than 10% of the total grazable area.

### SLAUGHTER RESTRICTIONS

During the season of application, withdraw livestock from grazing treated grass at least 3 days before slaughter.

### AQUATIC WEEDS CONTROLLED BY SP1037

The following categories – highly susceptible, moderately susceptible, and less susceptible – are provided to define species that may be controlled using SP1037.

Efficacy and selectivity is dependent on many factors, and can be managed through selection of application rates, application techniques and timing, etc. Plants listed as moderately susceptible and less susceptible can be controlled under most use conditions, but generally require higher application rates. Consult with SePRO Corporation to determine best treatment protocols.

### HIGHLY SUSCEPTIBLE VASCULAR AQUATIC PLANTS

Eurasian watermilfoil (*Myriophyllum spicatum*)  
hybrid watermilfoil (*Myriophyllum spicatum x sibiricum*)

### MODERATELY SUSCEPTIBLE VASCULAR AQUATIC PLANTS

northern watermilfoil (*Myriophyllum sibiricum*)  
other milfoil species (*Myriophyllum* spp.)  
bladderwort (*Utricularia* spp.)  
white water lily (*Nymphaea* spp.)  
watershield (*Brasenia* spp.)

### LESS SUSCEPTIBLE VASCULAR AQUATIC PLANTS

variable-leaf milfoil (*Myriophyllum heterophyllum*)  
water stargrass (*Heteranthera dubia*)  
coontail (*Ceratophyllum demersum*)  
parrotsfeather (*Myriophyllum aquaticum*)<sup>††</sup>  
yellow water lily or spatterdock (*Nuphar* spp.)  
water chestnut (*Trapa natans*)<sup>†, ††</sup>

<sup>†</sup> Not for use in California

<sup>††</sup> Retreatment may be needed to achieve desired level of control.



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**APPLICATION METHODS**

Use a mechanical spreader such as a fertilizer spreader, blower, mechanical seeder, an educator system, or similar equipment capable of uniformly applying SP1037. Before spreading any product, carefully calibrate the application equipment according to equipment manufacturer's instructions.

Rates should be selected according to the Table 3 (*CONCENTRATION OF SP1037 IN WATER*).

- **Floating-leaf and Emergent Weeds**  
For control of susceptible emergent and floating-leaf herbaceous weeds, apply up to 1.0 to 5.0 ppm. Apply when plants are actively growing.
- **Submersed Weeds**  
For control of submersed weeds, apply SP1037 at concentrations up to 0.25 to 5.0 ppm in treated water.

<b>TABLE 3</b>						
<b>CONCENTRATION OF SP1037 IN WATER (PPM A.E.)</b>						
<b>Avg. Water Depth (ft)</b>	<b>0.25 ppm</b>	<b>0.5 ppm</b>	<b>1.0 ppm</b>	<b>2.0 ppm</b>	<b>4.0 ppm</b>	<b>5.0 ppm</b>
	<b>Pounds SP1037 / acre</b>					
1	4.7	9.4	18.8	37.5	75.0	93.7
2	9.4	18.8	37.5	75.0	150.0	187.5
3	14.1	28.1	56.3	112.5	225.0	281.2
4	18.8	37.5	75.0	150.0	300.0	375.0
5	23.4	46.9	93.8	187.5	375.0	468.7

†Use of higher rates in the rate range is necessary to achieve desired control in areas of greater water exchange; when treating more mature plants; when targeting more difficult to control aquatic species; and when treating small areas in larger bodies of water (spot treatments). Lower concentrations are generally used when: conducting early season large-scale treatments; and treating larger areas, more immature plants, and areas with less potential for rapid water exchange. Some areas may require a repeat application to control re-growth.

The following formula can be used to calculate applications rates based on depths exceeding 5 feet deep or when using a concentration not in the Table 3:

$$\text{Pounds of SP1037 per Acre} = \text{average depth} \times \text{target ppm} \times 18.75$$

Example Calculation:

$$6 \text{ foot average depth} \times 1.25 \text{ ppm} \times 18.75 = 140.6 \text{ pounds of SP1037 per acre}$$

**NOTE:** apply a maximum of 93.7 pounds of SP1037 (13.5 lbs a.e.)/acre-foot per application. Do not exceed 5.0 ppm during any single application.

**Small Site (Less than 1/2 Acre)/Spot Treatment Application**

For small treatment sites of one-half (1/2) acre or less in larger bodies of water, use Table 4 (SP1037 RECOMMENDED RATES FOR AREAS LESS THAN 1/2 ACRE), to determine the application rate depending on average water depth to target an application rate of 3.0 to 5.0 ppm. For best results, split the total application rate into three equal applications 8 to 12 hours apart and apply when water is relatively calm. Small treatment application of SP1037 is recommended with waterproof gloves or a hand spreader to uniformly distribute on target weeds.

TABLE 4 SP1037 RECOMMENDED RATES FOR AREAS LESS THAN 1/2 ACRE Pounds of SP1037				
Area (ft <sup>2</sup> )	3 foot average depth		4 foot average depth	
	3.0 ppm	5.0 ppm	3.0 ppm	5.0 ppm
500	1.9	3.2	2.6	4.3
1,000	3.9	6.4	5.2	8.6
4,000	15.5	25.8	20.7	34.4
10,000	38.7	64.5	51.7	86.0
20,000	77.5	129.1	103.3	172.1

Example Scenario: A 100 ft. by 40 ft. lakeshore swimming area with a 4 ft. average depth, heavily infested with Eurasian watermilfoil

Step 1: Determine the area to be treated in square feet (ft<sup>2</sup>) by multiplying the length of the area by the width.

→ 100 ft. x 40 ft. = 4,000 ft<sup>2</sup>

Step 2: Determine the amount of SP1037 to be used by consulting the Table 4.

→ Use 34.4 pounds based on 4 foot average depth and 5.0 ppm.

Step 3: Apply SP1037 uniformly over weeds in treatment site in three equal applications of 11.4 lbs. each, 8 - 12 hours apart.

**NOTE:** For applications with an area or depth not included in the above chart, the following formula can be used to calculate application rates.

**Pounds of SP1037 = area (ft<sup>2</sup>)/43,560 x average depth x target ppm x 18.75**

Example Calculation:

8,250 ft<sup>2</sup>/43,560 x 2 foot average depth x 4.0 ppm x 18.75 = 28.4 pounds of SP1037

**IF ANY OF THE CONTENT OF THIS LABEL IS NOT UNDERSTOOD, OR YOU NEED FURTHER ASSISTANCE, CONTACT A SEPRO AQUATIC SPECIALIST WITH QUESTIONS SPECIFIC TO YOUR APPLICATION.**

STORAGE AND DISPOSAL
Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Do not contaminate water, food or feed by storage or disposal. <b>Pesticide Handling and Storage:</b> Store product in original container in a safe place. Do

not store near feed or foodstuffs. In case of spill, contain material and dispose as waste. **Pesticide and Container Disposal:** If Empty: Do not reuse this container. Place in trash or offer for recycling if available. If Partly Filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

## **TERMS AND CONDITIONS OF USE**

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

## **WARRANTY DISCLAIMER**

SePRO Corporation warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SEPRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

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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 conditions noted on the label such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of SePRO Corporation as the seller. To the extent consistent with applicable law, all such risks shall be assumed by buyer.

## **LIMITATION OF REMEDIES**

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. To the extent permitted by applicable law in no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

The terms of the *Warranty Disclaimer* above and this *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* or *Limitations of Remedies* in any manner.

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[Base label for Household/Residential containers]



# SP1037

AQUATIC HERBICIDE

**READY-TO-USE**

## SePRO FAMILY OF PRODUCTS

Visit the SePRO website [www.lakelawnandpond.com](http://www.lakelawnandpond.com) to learn more about the SePRO family of products for the best solution to your toughest pond and lakeshore aquatic weed and algae problems.

{Insert graphic – SePRO product family photo}

**STORAGE AND DISPOSAL**

Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Do not contaminate water, food or feed by storage or disposal.

**Pesticide Handling and Storage:** Store product in original container in a safe place. Do not store near feed or foodstuffs. In case of spill, contain material and dispose as waste.

**Pesticide and Container Disposal:** If Empty: Do not reuse this container. Place in trash or offer for recycling if available. If Partly Filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Specialty Chemical: Do not ship or store with food, feeds, drugs or clothing.

**Consumer Promise:** 100% Satisfaction Guaranteed.

### Questions, Comments or Information

{graphic of phone} **Call** \_\_\_\_\_

{graphic of internet/computer} **www.** \_\_\_\_\_

Always read and follow label directions.  
Made in U.S.A.

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

EPA Reg. No. 67690-XX  
FPL100908

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SPC - \_\_\_\_\_

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