

67690-50

11/27/2012

1/28



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Laurent Mezin
SePRO
11550 North Meridian Street
Suite 600
Carmel Indiana 46032 4565

11-27-12

Subject EPA Reg 67690 50 / SP1037 Notification

Dear Laurent Mezin

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98 10 dated 10 24 12 for the product EPA Reg 67690 50 / SP1037 The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98 10 and finds that the action requested falls within the scope of PRN 98 10 The label submitted with the application has been stamped Notification and will be placed in our records

If you have any questions please call Erik Kraft at 703 308 9358 or email at Kraft.Erik@epa.gov

Sincerely

A handwritten signature in black ink, appearing to read "K. Montague".

Kathryn Montague
Product Manager 23
Herbicide Branch
Registration Division (7505P)

Please read instructions on reverse before completing form

Form Approved OMB No 2070 0060 Approval expires 05 31 98

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

Application for Pesticide Section I

1 Company/Product Number 67690 50	2 EPA Product Manager Kathryn Montague	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) SePRO Corporation/ SP1037	PM# 23	
5 Name and Address of Applicant (Include ZIP Code) SePRO CORPORATION 11550 N Meridian St Suite 600 Carmel IN 46032 <input type="checkbox"/> Check if this is a new address		6 Expedited Review In accordance with FIFRA Section 3(c)(3)(b)(I) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____

Section II

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


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

Submission of minor label changes per PRN98 10

Section III

1 Material This Product Will Be Packaged In					
Child Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes Unit Packaging wgt _____ No per Container _____	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes Package wgt _____ No per Container _____	2 Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) Plastic Bag		
3 Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4 Size(s) Retail Container 1 250 lbs	5 Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product			
6 Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)		
Name Laurent C Mezin	Title Regulatory Affairs Manager	Telephone No (include Area Code) (317) 580 8286
I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law		6 Date Application Received (Stamped)
2 Signature BY 	3 Title Regulatory Affairs Manager	
4 Typed Name Laurent C Mezin	5 Date 24 October 2012	



SePRO Corporation • 11550 North Meridian Street • Suite 600 • Carmel Indiana 46032 4565
Phone (317) 580 8282 Fax (317) 580 8290

24 October 2012

Kathryn Montague
Product Manager 23
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U S Environmental Protection Agency
Room S 4900 One Potomac Yard
2777 South Crystal Drive
Arlington VA 22202 4501

RE SP1037 (EPA Reg No 67690 50)
Notification – Minor label changes per PRN98 10

Dear Ms Montague

SePRO Corporation is submitting a notification for SP1037 (EPA Registration No 67690 50) This includes a change in given susceptibility for variable leaf milfoil and a change to the restriction on hydroponic use using text already approved for greenhouse and nursery plant irrigation

Please find enclosed the following information

- Transmittal document (this letter)
- Application for Pesticide Registration EPA Form 8570 1
- One clean and one highlighted copy of the label

This notification is consistent with the provisions of the PR Notice 98 10 and EPA regulations at 40 CFR 152 46 and no other changes have been made to the labeling or the confidential statement of formula of this product I understand that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA I further understand that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152 46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

If you have any questions please do not hesitate to contact me at (317) 580 8286 or at LaurentM@sepro com

Best Regards

Laurent Mezin
Regulatory Affairs Manager

Enclosures

2 3
1 1 1 1

"Not a cert on
Acceptable"

SP1037

Aquatic Herbicide

(ABN Renovate LZR MAX)

(ABN Renovate Max G)

EPA Reg No 67690-50

FPL20121022 Clean

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

Registration Notes Based on EPA approved notifications for labels with FPL032210 and FPL20110927

Table of Contents for Master Label

I	Main Label – Professional Uses a Marketed under alternate brand name Renovate MAX G	Pages 1 – 13
II	Main Label – Consumer/Homeowner Uses	Pages 14 – 24

General label changes

- 1 Updated FPL date
- 2 Changed variable leaf milfoil susceptibility from less to highly
- 3 Amended the restriction on hydroponic farming to read Do not use water treated with SP1037 for hydroponic farming unless triclopyr and 2,4 D concentrations are confirmed to be less than 1 ppb by laboratory analysis This restriction is already in place for irrigating greenhouse or nursery plants

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

[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 Ingredients

triclopyr 3 5 6 trichloro 2 pyridinyloxyacetic acid triethylamine salt	4 0%
2 4 dichlorophenoxyacetic acid dimethylamine salt	14 0%

Other Ingredients	<u>82 0%</u>
--------------------------	--------------

Total	100 0%
--------------	--------

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)

Causes substantial but temporary eye injury Harmful if swallowed Avoid contact with skin or clothing 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, and shoes

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 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 Terms and Conditions of Use Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies at the end of the label If terms are unacceptable return at once unopened**

EPA Reg No 67690 50
FPL20121022

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

Causes substantial, but temporary eye injury Harmful if swallowed Avoid contact with skin or clothing 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 and shoes

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)

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing eye • Call a poison control center or doctor for treatment advice
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to do so by a poison control center or doctor • Do not give anything by mouth to an unconscious person
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to mouth if possible • Call a poison control center or doctor for further treatment advice
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15 - 20 minutes • Call a poison control center or doctor for treatment advice
<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 INFOTRAC at 1 800 535 5053</p>	

Note to Physician Probable mucosal damage may contraindicate the use of gastric lavage

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All loaders, applicators and other handlers must wear

- Long sleeve shirt and long pants
- Shoes and socks and
- Protective eyewear

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

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

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)]

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 deliver 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 appropriate state or local pesticide and/or water authorities before applying this product in or around public waters Permits and posting or treatment notification may be required by state or local public agencies

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 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
- Do not enter or allow people (or pets) to enter the treated area until dusts have settled
- 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 tidal 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 concentrations are confirmed to be less than 1 ppb by laboratory analysis
- Do not use water treated with SP1037 for hydroponic farming unless triclopyr and 2,4-D concentrations are confirmed to be less than 1 ppb by laboratory analysis
- 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

9/28

- 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*)

TABLE 1 DRINKING WATER SETBACK DISTANCES			
Application concentration and minimum setback distance (ft) from functioning potable water intake			
≤1 ppm [†]	1 1 to 2 0 ppm [†]	2 1 to 3 0 ppm [†]	3 1 to 5 ppm [†]
600	1 200	1 800	2 400

[†] 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** 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

TABLE 2 SAMPLING FOR DRINKING WATER ANALYSES [†]		
Minimum days after application before initial water sampling at the functioning potable water intake		
≤1 ppm ^{††}	1 1 to 3 0 ppm ^{††}	3 1 to 5 0 ppm ^{††}

10/28

5	10	14
---	----	----

† These are general guidelines the amount of time required for triclopyr and 2,4-D concentrations to reach acceptable levels 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 Corporation 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) and method of application (e.g. ground, aerial, airblast) can influence pesticide 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*)
 Flowering rush (*Butomus umbellatus*)
 hybrid watermilfoil (*Myriophyllum spicatum x sibiricum*)
 variable leaf milfoil (*Myriophyllum heterophyllum*)

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

water stargrass (*Heteranthera dubia*)
 coontail (*Ceratophyllum demersum*)
 parrotfeather (*Myriophyllum aquaticum*)^{††}
 yellow water lily or spatterdock (*Nuphar spp*)
 water chestnut (*Trapa natans*)^{† ††}

[†] Not for use in California

^{††} 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 eductor 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

13/28

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 Corporation Aquatic Specialist for site specific recommendations

TABLE 3 CONCENTRATION OF SP1037 IN WATER (PPM A E) [†]						
Average 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

Pounds of SP1037 per Acre = average depth x target ppm x 18 75

Example Calculation

6 foot average depth x 1 25 ppm x 18 75 = 140 6 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 Corporation 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 must be used according to label directions or disposed of at an approved waste disposal facility

Nonrefillable Container Disposal (non rigid, any size) Do not reuse or refill this container Completely empty bag into application equipment Offer for recycling if available If recycling is not available 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 In no case shall SePRO Corporation be liable for consequential or incidental damages or losses

The terms of the *Warranty Disclaimer Inherent Risks of Use* 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

©Copyright ____ SePRO Corporation

©Renovate is a registered trademark of Dow AgroSciences LLC

16/28

[Base 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 Ingredients

triclopyr 3 5 6 trichloro 2 pyridinyloxyacetic acid triethylamine salt	4 0%
2 4 dichlorophenoxyacetic acid dimethylamine salt	14 0%

Other Ingredients	<u>82 0%</u>
--------------------------	--------------

Total	100 0%
--------------	--------

Acid equivalence (a e) 14 4%

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

Causes substantial, but temporary eye injury Harmful if swallowed Avoid contact with skin or clothing 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 and shoes

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)

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing eye • Call a poison control center or doctor for treatment advice
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice • Have person sip a glass of water if able to swallow • Do not induce vomiting unless told to do so by a poison control center or doctor • Do not give anything by mouth to an unconscious person
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to mouth if possible • Call a poison control center or doctor for further treatment advice

If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15 - 20 minutes • Call a poison control center or doctor for treatment advice
<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 INFOTRAC at 1 800 535 5053</p>	

Note to Physician Probable mucosal damage may contraindicate the use of gastric lavage

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 inside of label booklet for additional precautionary information 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 *Terms and Conditions of Use*, *Warranty Disclaimer*, *Inherent Risks of Use*, and *Limitation of Remedies* inside label booklet. If terms are unacceptable, return at once unopened.**

EPA Reg No 67690 50
 FPL20121022

EPA Est No _____
 [SPC] _____

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

Aquatic Herbicide

Net Contents _____

[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 Ingredients

triclopyr 3 5 6 trichloro 2 pyridinyloxyacetic acid triethylamine salt	4 0%
2 4 dichlorophenoxyacetic acid dimethylamine salt	14 0%

Other Ingredients	<u>82 0%</u>
--------------------------	--------------

Total	100 0%
--------------	---------------

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

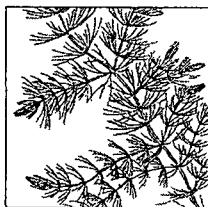
This product will provide selective herbicidal control of many unwanted aquatic plants species

AQUATIC WEEDS CONTROLLED

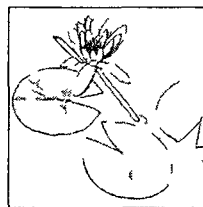
Controls Various Types of Nuisance Aquatic Weeds



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 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** _____

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 50
FPL20121022

EPA Est No _____
[SPC] _____

© Copyright ____ SePRO Corporation

[Label booklet text for Household/Residential containers]



SP1037

AQUATIC HERBICIDE

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

Causes substantial but temporary eye injury Harmful if swallowed Avoid contact with skin or clothing 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, and shoes

KEEP OUT OF REACH OF CHILDREN

WARNING

FIRST AID	
If in eyes	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 20 minutes Remove contact lenses if present after the first 5 minutes then continue rinsing eye Call a poison control center or doctor for treatment advice
If swallowed	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice Have person sip a glass of water if able to swallow Do not induce vomiting unless told to do so by a poison control center or doctor Do not give anything by mouth to an unconscious person
If inhaled	<ul style="list-style-type: none"> Move person to fresh air If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to mouth if possible Call a poison control center or doctor for further treatment advice
If on skin or clothing	<ul style="list-style-type: none"> Take off contaminated clothing Rinse skin immediately with plenty of water for 15 20 minutes Call a poison control center or doctor for treatment advice
<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 INFOTRAC at 1 800 535 5053</p>	

Note to Physician Probable mucosal damage may contraindicate the use of gastric lavage

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates Do not apply directly to water or 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

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 and on lake front shorelines

SP1037 is formulated on biodegradable granules that when applied to water bodies immediately deliver 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 allow people or pets to enter the treated area until dusts have settled
- 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 concentrations are confirmed to be less than 1 ppb by laboratory analysis
- Do not use water treated with SP1037 for hydroponic farming unless triclopyr and 2,4-D concentrations are confirmed to be less than 1 ppb by laboratory analysis
- 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*).

TABLE 1 DRINKING WATER SETBACK DISTANCES			
Application concentration and minimum setback distance (ft) from functioning potable water intake			
≤1 ppm [†]	1 1 to 2 0 ppm [†]	2 1 to 3 0 ppm [†]	3 1 to 5 0 ppm [†]
600	1 200	1 800	2 400

[†] 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** 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

TABLE 2 SAMPLING FOR DRINKING WATER ANALYSES [†]		
Minimum days after application before initial water sampling at the functioning potable water intake		
≤1 ppm ^{††}	1 1 to 3 0 ppm ^{††}	3 1 to 5 0 ppm ^{††}
5	10	14

[†] These are general guidelines the amount of time required for triclopyr and 2 4 D concentrations to reach acceptable levels 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 Corporation 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

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*)
 variable leaf milfoil (*Myriophyllum heterophyllum*)

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

water stargrass (*Heteranthera dubia*)
 coontail (*Ceratophyllum demersum*)
 parrotfeather (*Myriophyllum aquaticum*)^{††}
 yellow water lily or spatterdock (*Nuphar* spp.)
 water chestnut (*Trapa natans*)^{† ††}

† Not for use in California

†† Retreatment may be needed to achieve desired level of control

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

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 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 foot average depth x 1 25 ppm x 18 75 = 140 6 pounds of SP1037 per acre

NOTE apply a maximum of 93 7 pounds of SP1037 (13 5 lbs a e /a c re 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 ²)	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 (ft²) by multiplying the length of the area by the width
→ 100 ft x 40 ft = 4 000 ft²
- 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

$$\text{Pounds of SP1037} = \text{area (ft}^2\text{)} / 43\,560 \times \text{average depth} \times \text{target ppm} \times 18.75$$

Example Calculation

$$8\,250 \text{ ft}^2 / 43\,560 \times 2 \text{ foot average depth} \times 4.0 \text{ ppm} \times 18.75 = 28.4 \text{ pounds of SP1037}$$

IF ANY OF THE CONTENT OF THIS LABEL IS NOT UNDERSTOOD, OR YOU NEED FURTHER ASSISTANCE CONTACT A SEPRO CORPORATION 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 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 Nonrefillable container. Do not reuse or refill this.

container Offer for recycling if available 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**

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 or 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 In no case shall SePRO Corporation be liable for consequential or incidental damages or losses

The terms of the *Warranty Disclaimer Inherent Risks of Use* 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

©Copyright ____ SePRO Corporation

©Renovate is a registered trademark of Dow AgroSciences LLC

[Base label for Household/Residential containers]



SP1037

AQUATIC HERBICIDE

READY TO USE

SePRO CORPORATION FAMILY OF PRODUCTS

Visit the SePRO website 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
Do not contaminate water, food or feed by storage or disposal
Pesticide 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 Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. <u>If Empty</u> Do not reuse this container. Place in trash or offer for recycling if available. <u>If Partly Filled</u> 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 _____

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 50

FPL20121022

EPA Est No _____

[SPC] _____

© Copyright _____ SePRO Corporation