67690-26

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

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

SePRO Corporation % Carrie Daniels Exponent 1730 Rhode Island Ave., NW Washington, DC 20036

JUL 8 2005

Subject:

Spin Out

EPA Reg. No. 67690-26

Your amendment dated March 29, 2005

#### Dear Ms Daniels:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

- 1. On page 4 under General Information, change "Spin Out can be used...." to "Spin Out may be used...."
- 2. The "Limitation of Remedies" statement must make it clear that the disclaimer statements are the registrant's and do not come from EPA. This can be done by using statements such as "To the fullest extent permitted by law, the manufacturer shall not be liable...." or "It is the manufacturer's intention that...."

One copy of the label stamped "Accepted with comments" is enclosed for your records. This label supercedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

Please note that all copper products are going through re-registration over the next year or so. Changes in labeling in addition to those listed herein may be required.

If you have any questions, please contact Dennis McNeilly by phone at (703) 308-6742 or via email at mcneilly.dennis@epa.gov.

Tony Kish

Acting Product Manager (22)

Fungicide Branch

Registration Division (7505C)

Enclosure

{Front Panel} (logo) SePRO Corporation

ACCEPTED
with COMMENTS
In EPA Letter Dated:

JUL 8 2005

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

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Spin Out®

Root Growth Regulator

LIQUID FLOWABLE ROOT CONTROL COATING

Active Ingredient

 Copper Hydroxide\*
 7.1%

 Inert Ingredients
 92.9%

 TOTAL
 100.0%

(\*Metallic Copper Equivalent 4.6%)

PROTECT FROM FREEZING

# Keep Out of Reach of Children

# **CAUTION / PRECAUCION**

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

First Aid	
If in eyes:	<ul> <li>Hold eye open and rinse slowly and gently with water for 15 - 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
	Call poison control center or doctor for treatment advice.
If on skin or	Take off contaminated clothing.
clothing:	<ul> <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>
If swallowed:	<ul> <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>
If inhaled:	<ul> <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>
Have the product container or label with you when calling a poison control center or	
doctor, or going for treatment. For medical emergencies involving this product, call toll free 1-800-535-5053.	
<b>Note to Physician:</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

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

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

In case of emergency endangering health or the environment involving this product, call INFOTRAC at 1-800-535-5053.

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

EPA Reg. No. 67690-26 FPL 021105

EPA Est. No. xxxxx-xx-xx SC-xx-xxxx

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SePRO Corporation • Carmel, IN 46032, U.S.A.

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# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS) CAUTION

Harmful if absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.

# PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material, such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks
- Protective eyewear

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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 immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

#### **DIRECTIONS FOR USE**

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

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Do not apply this product through any type of irrigation system.

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### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, dry place. Store above 32° F and protect from freezing.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### **GENERAL INFORMATION**

Spin Out can be used on container-grown woody ornamental and herbaceous plant species and non-bearing fruit and nut crops.

Spin Out is a plant growth regulator for use on plastic or cellulose nursery containers and treated sheets for use as inserts. Spin Out acts as a root pruning agent to control root spiraling and promote the development of a fibrous root system. Use Spin Out at any stage of plant development from seedlings to large container-grown trees. Do not apply Spin Out directly on plants or soil.

Do not apply Spin Out when the temperature is below 50° F. Apply in a well-ventilated area.

**NOTE:** Some containers, particularly bedding plant containers, may be treated with a slipping agent for easy unstacking. Slipping agents usually appear waxy and can prevent the adhesion of Spin Out. We do not recommend the application of Spin Out under these conditions.

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#### **SPECIAL PRECAUTIONS**

**NOTE:** This product may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces.

NOTE: It must be determined if proper application and molding equipment are available and if the waste associated with their use can be properly handled. This product may be reactive with the materials used in the construction of application and molding equipment such as aluminum, rubber and some synthetic materials. This factor should be taken into consideration when selecting proper application and molding equipment. It is necessary for all application and molding equipment to be thoroughly flushed with clean water after each day's use.

#### **APPLICATION DIRECTIONS**

#### **CONTAINERS**

Nursery containers should be clean and dry before applying Spin Out. Used containers should be free of any loose soil. Stir Spin Out well before use.

**SPRAY:** Apply an even coating of Spin Out to the inner surfaces of plastic or cellulose containers using conventional paint spraying equipment. Spray equipment can be cleaned with warm soapy water or any household cleaning product. Refer to the sprayer equipment owner's manual for specific instructions on equipment clean up. Follow all directions and precautions for the specific application equipment being used.

**BRUSH OR SPONGE:** Apply an even coating of Spin Out to the inner surfaces of plastic or cellulose containers using a conventional brush or sponge. Brushes and sponges can be cleaned with warm soapy water or any household cleaning product.

Thorough coverage with one application of Spin Out is sufficient for root control. Allow Spin Out to dry on containers for 30 to 60 minutes under good drying conditions before stacking or filling with soil. Spin Out is thoroughly dry when it changes from dark to a light gray color. When restacking, do not push containers tightly together to prevent scratching the Spin Out coating. Treated containers can be stored for up to 1 year before use.

#### **INSERTS**

Stir Spin Out well before use and **DO NOT DILUTE**. Inserts made of paper, cardboard, plastic, foil, non-woven fabric or other suitable material, that have been evenly sprayed or coated with Spin Out on one or both sides can be placed in a container to cover the inner surface. Insert material may be coated with Spin Out by any appropriate industrial coating machinery, such as roll coating, printing press, doctors blade or other equipment that will provide an even coating on the material. Inserts must cover the inner surface without tears, holes or gaps in coverage and should be trimmed around the top of the pot with scissors, if needed. Dispose of trimmings in a sanitary landfill, or by burning, or if allowed by state and local authorities, wrap trimmings in newspaper

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and place in trash collection. If burned, stay out of smoke.

Allow Spin Out to dry for 30 to 60 minutes under good drying conditions before using inserts. Spin Out is thoroughly dry when it changes from dark to a light gray color.

#### LANDSCAPE AND INDUSTRIAL USE FABRICS

Spin Out, when applied to woven and non-woven fabrics at the manufacturers facility, allows the fabric to be used for covering greenhouse benches/floors, tray/pot bottoms, nursery, landscape, industrial and garden matting (under mulches and pavements) to extend fabric life and prevent root penetration of the barrier from both below and above the fabric. The fabric can also be used as an underground pipe wrap to prevent roots from penetrating the pipe. Spin Out can be applied to fabric by dipping, spraying or coating with any appropriate industrial coating machinery, such as roll coating, printing press, doctors blade or other equipment that will provide an even coating on the material. Fabric must be evenly coated with Spin Out on one or both sides.

#### TREE WOUND DRESSING

Spin Out may be sprayed or painted over wounds and cuts in tree bark to seal the wound and help prevent bacterial and fungus infections of the tree. Spray or paint an even coat of Spin Out over tree wounds or cuts. One coat of Spin Out should protect wounds or cuts for up to one year or until average size wounds have healed.

#### **PLANT RESPONSE**

Spin Out has been extensively researched, however, testing has not been conducted on all species or cultivars, or under all growing conditions. In some instances performance characteristics may vary.

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## **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. 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. All such risks shall be assumed by buyer.

#### **Limitation of Remedies**

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.

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 above and this Limitation of Remedies can not 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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