



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

NOV 4 2003

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Rebecca M. Horton  
Consultant and Agent for Bonide Products Inc.  
913 Dominion Lane  
Salem, Virginia 24153-5630

Subject: Label Amendment: 2001-1 First Aid and Storage and Disposal  
Bonide Sevin (Carbaryl Insecticide).  
EPA Reg. No. 4-387  
Submission dated July 3, 2003

Dear Ms. Horton:

The revised labeling referenced above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the following comments:

- 1) Add "For Residential Use only" under the product name.
- 2) Revise the Precautionary Statements to read "Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.
- 3) The Note to Physician should be updated to read "Contains N-methyl carbamate insecticide which is a cholinesterase inhibitor. Specific antidote consists of atropine. Narcotics and other sedatives should not be used. Drugs like 2-PAM (pyridine-2-aldoxime methiodide) are NOT recommended."
- 4) "Only licensed professional applicators should apply this product to trees taller than 10 feet" should replace "....., consider hiring a licensed professional"

A stamped copy "accepted with comments" of the label is enclosed for your records. Please submit two (2) copies of the final printed before shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Akiva Abramovitch".

Akiva Abramovitch, Ph.D.  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

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# SEVIN®

BRAND CARBARYL INSECTICIDE

## WETTABLE POWDER

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
**NOV 4 2003**

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

<b>ACTIVE INGREDIENT:</b>		
Carbaryl (CAS # 63-25-2) .....	<u>4-387</u>	By Wt. 50%
<b>OTHER INGREDIENTS:</b> .....		50%
<b>TOTAL</b> .....		100%

SEVIN® is the registered trade mark of Aventis Group for Carbaryl Insecticide

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See back/side/other panel(s) for additional precautionary statements

**NET WEIGHT:** \_\_\_\_\_

### FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Pesticide Telecommunications Network at 1-800-858-7378 for emergency medical treatment information.

<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call 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 the 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 by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**NOTE TO PHYSICIAN:** Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal.

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** May be harmful if swallowed. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing.

### USER SAFETY REQUIREMENTS

- Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when mixing and applying this product.
- Wear a hat and eye protection when making overhead applications.
- Remove clothing immediately if pesticide soaks clothing. Change clothing as soon as possible after use.
- Wash the outside of gloves before removing. As with any pesticide product, wash hands thoroughly immediately after handling and before eating, smoking or using the toilet.
- Do not allow children or pets to contact treated area until sprays have dried.

### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic and estuarine invertebrates. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**DIRECTIONS FOR USE**

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

Apply when air is calm to avoid drift and contact with eyes and skin.

Start spraying at the farthest corner of the treatment area and work backward to avoid contact with wet surfaces. Allow spray to dry in treated areas before reentering.

For trees taller than 10 feet, consider hiring a licensed professional.

Spray thoroughly to wet upper and lower leaf surfaces, stems and branches.

Do not repeat applications more than once a week.

**STORAGE AND DISPOSAL**

**Storage:** Store and transport in an upright position. Store in a cool dry area inaccessible to children or pets.

**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 or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

SEVIN 50W is a wettable spray powder. Measure in level tablespoonfuls. Keep spray mixture well agitated. Do not mix with lime, Bordeaux Mixture or other alkaline materials. Do not mix with oil base sprays.

**VEGETABLES**

Mix 2 tablespoonfuls per gallon of water. Apply as a full wetting spray. Apply when insects or their damage appear. Repeat at 7 day intervals or as necessary (no more than once a week).

**May be used up to day of harvest on the following:** **BEANS:** Mexican bean beetle, leafhopper, cucumber beetle, Japanese beetle. **CORN:** corn rootworm adults, European corn borer, fall armyworm, corn earworm. Applications for corn earworms should be started when silks first appear. Repeat at 7 day intervals for corn earworms or until silks are dry. **CARROTS:** flea beetles, leafhoppers, harlequin bug. **CUCUMBERS, SQUASH, PUMPKINS, MELONS:** pickle-worm, melonworm, cucumber beetles, squash bug, flea beetle, leafhoppers. Avoid excessive applications. Some leaf injury may occur if treatments are made when tender foliage is wet or in the presence of prolonged high humidity. **OKRA:** corn earworm, stink bug. **POTATO:** Colorado potato beetle, flea beetle, leafhopper. Apply as a foliage application only. **TOMATO, EGGPLANT, PEPPER:** tomato fruitworm, fall armyworm, tomato hornworm, European corn borer, stink bugs, lace bugs and lygus bugs.

**Do not apply within 3 days of harvest on the following:** **BEETS, TURNIPS,** (do not apply within 14 days of harvest if tops are to be used as food or feed) leafhoppers. **BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, KOHLRABI:** flea beetle, harlequin bug, armyworm, cabbage caterpillar, and corn earworm. **RADISHES:** flea beetle, leafhopper.

**Do not apply within 14 days of harvest on the following: LETTUCE (LEAF), SPINACH, SWISS CHARD:** armyworm, flea beetle, leafhopper.

**GRAPES**

Use 2 tablespoonfuls per 1 gallon of water for European fruit lecanium, grape leaf folder, grape leafhopper, and grape leaf skeletonizer. Apply just before first brood leaf folder larvae emerge from rolls, and as needed (no more than once a week) for leafhoppers. May be applied up to day of harvest.

**SMALL FRUIT INSECT CONTROL**

Use sufficient spray to obtain full coverage. Keep spray mixtures well agitated. Apply when insects or their damage appear. Repeat at 7 day intervals or as necessary (no more than once a week).

**STRAWBERRIES**

For meadow spittlebug, leaf roller, strawberry weevil, use 2 tablespoonfuls per gallon of water. Make 3 to 5 post bloom summer sprays as needed. May be used up to 1 day before picking.

**ORNAMENTAL INSECT CONTROL**

Ornamental plants, flowers, shrubs and shade trees including rose, carnation, gladiolus, zinnia, chrysanthemum, lilac, arborvitae, juniper, hydrangea, azalea, elm, maple, oak, dogwood, birch and pines. Do not use on Boston ivy.

Use 2 level tablespoonfuls per gallon of spray (2 pounds per 100 gallons) when insects or their damage appear. Repeat weekly or as needed (no more than once a week) to control: apple aphid, bagworm, birch leaf miner, blister beetles, boxelder bug, boxwood leaf miner, elm leaf beetle, elm leaf aphid, flea beetle, gypsy moth, Japanese beetle, June beetles, lace bugs, leafhoppers, leaf rollers, mealybugs, mimosa webworm, oak leaf miners, orange tortrix, periodical cicada, plant bugs, puss caterpillars, psyllids, rose aphid, rose slug, scale insects, tent caterpillars, thorn bugs, thrips (exposed), willow leaf beetles.

**LAWN INSECT CONTROL**

Use one level cupful in 15 to 20 gallons of water for each 500 square feet of established lawn area for the control of: ants, chinch bugs, earwigs, fall armyworm, fleas, leafhoppers, mosquitoes. **SOD WEBWORMS** (lawn moths), millipedes. Use **GARDEN HOSE SPRAYERS** or pressure type equipment and apply full water volume to insure good penetration of turf. For best results, mow lawn and apply immediately after rain or watering. Repeat 2 to 3 weeks later if necessary.

For information on pesticide products (including health concerns, medical emergencies, or pesticide incidents, call the National Pesticide Telecommunications Network at 1-800-858-7378.

**NOTICE:** Buyer assumes all risk of use, storage or handling of this product when not in strict accordance with directions given herewith.

Manufactured by: Bonide Products, Inc., Oriskany, NY 13424