



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

SEP 24 2003

Cynthia Huffman
Registration
Southern Agricultural Insecticides, Inc.
P.O. Box 218
Malameto, FL 34220

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment: First Aid, Storage & Disposal
SA 50 5% Sevin 50W.
EPA Reg. No. 829-142
Submission dated June 24, 2003, **acceptable with comments.**

Dear Ms. Huffman:

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) You must specify under the product name "For residential use only"
- 2) Revise the Precautionary Statements to say "Harmful if swallowed or inhaled. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse".
- 3) The Note to Physician is missing and it should read "Carbaryl is an 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) Active ingredient: singular.
- 5) Delete "for terrestrial uses" from the Environmental Hazards since only terrestrial uses are listed.

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.
Chemist

Insecticide-Rodenticide Branch
Registration Division (7505C)

**S A SOUTHERN
5 0 AG.**

SEVIN 50W

ACTIVE INGREDIENTS:

Carbaryl (1-Naphthyl N-methylcarbamate)..... 50.00%
INERT INGREDIENTS:..... 50.00%
TOTAL:..... 100.00%

Sevin® is a registered trademark of Aventis Environmental Science for Carbaryl Insecticide.

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUTIONARY STATEMENTS HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling.

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. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.

FIRST AID

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor.

If In Eyes: Hold eyes 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. Call a poison control center or doctor for treatment advice.

If On Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center for treatment advice.

If Inhaled: 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.

NOTE: Have the product container or label with you when calling a poison control center or doctor for treatment.

EPA EST. NO. 829-FL-1 (3); 829-NC-1 (4); 829-NC-2(5). Number following Est. No. corresponds to first digit in Lot No.

Southern Agricultural Insecticides, Inc.

Palmetto, Fl 34220 Hendersonville, NC 28793 Boone, NC 28607

EPA REG. No. 829-142 J4 Net Wt. 1 1/2 lb. (.68 kg)

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. For small quantities, mix 5 tablespoonfuls in 3 gallons of water. Use continuous agitation or shake sprayer at regular intervals to keep spray in suspension. Compatible with Captan, Daconil, Dithane, Sulfur and Tri Basic Copper (neutral copper). Not compatible with oils, lime, sulfur or alkaline materials. Mixtures with materials not indicated as compatible and mixtures of three or more materials should be used only when such use is known to be safe by prior experience. Do not exceed maximum dosages. Before applying, consult proper State Extension authority to determine if local recommendations are consistent with this label. This product may injure tender plant parts, particularly when applications are uneven or when plants are wet or when applications are made during periods of sustained high humidity.

LAWNS AND TURF: Use 4 tablespoonfuls in 3 gallons of water to cover 100 sq. ft. (1 1/2 lbs. in 50 gallons of water per 1250 sq. ft.) of established lawn to control fall armyworm, sod webworm, earwigs and millipedes. Repeat applications as necessary.

ROSE, CARNATION, GLADIOLI, ZINNIA, CHRYSANTHEMUM, LILAC, ARBOR VITAE, JUNIPER, HYDRANGEA, AZALEA, ELM, MAPLE, OAK AND DOGWOOD: Do not use on Boston Ivy. Apply 5 tablespoonfuls in 3 gallons of water as needed to control bagworm, box elder bug, blister beetle, boxwood leaf miners, elm leaf beetle, Japanese beetle and June beetle adults, lace bugs, mealybugs, mimosa webworm, oak leaf miner, periodical cicada, tent caterpillars, thorn bugs and exposed thrips.

APPLES (Southeast): As alternate insecticide, use 5 tablespoonfuls in 3 gals. of water in the sixth and later cover sprays to control apple maggot, codling moth, Japanese beetle, Oriental fruit moth and red banded leafroller. To avoid thinning, do not use within 30 days of full petal fall. Mite populations may increase with Sevin usage. Application should be made with prior experience and local recommendations. Generally applied for thinning 14 to 21 days after full bloom when large fruitlets are the diameter of a dime. Easily thinned varieties, use 2 1/2 tablespoonfuls to 3 gallons of water. This includes Cortland, Grimes, Jonathan, McIntosh, Rome, Red Delicious and Winesap. For less sensitive varieties, use 5 tablespoonfuls in 3 gallons of water. This includes Baldwin, Ben Davis, Early McIntosh, Golden Delicious, Wealthy, Northern Spy, Rhode Island Greening, Yellow Transparent and York Imperial. **NOTE:** Sevin may injure Early Dawn and Sunrise varieties on Delaware peninsula.

The following dosages are indicated in tablespoonfuls of Sevin 50W in 3 gallons of water to be applied to an area of approximately 1300 sq. ft. **NOTE:** Number in () behind each product is number of days required between final application and harvest (PHI).

BEANS: (7) For Mexican bean beetle control, use 5 tablespoonfuls. Use 7 1/2 tablespoonfuls to control corn earworm and Japanese beetle. Apply to foliage as needed to maintain control.

CORN: (7) Apply 5 tablespoonfuls in 3 gallons of water for 800 row feet of corn as a directed spray. For corn earworm, fall armyworm and sap beetle in silks and ears, spray to lower ears and silks at 2 day intervals from time silks appear until silks have dried. For burr worms, direct spray into whorls when needed before tasseling. Application of this product to the tassel region of corn during the pollen shed period will seriously reduce bee populations.

COWPEAS: (7) Use 5 tablespoonfuls to control armyworms.

ALFALFA (7), CLOVER (7), GRASS (14) (forage and pasture): Use 5 tablespoonfuls to control armyworms.

GRAPES: (7) To control grape berry moth, grape leafhopper, Japanese beetle and June beetle adults, use 7 1/2 tablespoonfuls in 3 gallons of water. Make first application just before blooms open, second just after bloom, third 10 days later and thereafter apply at 2 week intervals. Do not exceed 6 gallons per 1300 sq. ft. in any spray.

POTATOES (7), TOMATOES (3), PEPPER (3), OKRA (3) AND EGGPLANT (3): To control fall armyworms, tomato hornworm, tomato fruitworm, stink bugs and Colorado potato beetle, apply 7 1/2 tablespoonfuls in 3 gallons of water to foliage as needed. For tomato fruitworm, apply at 7 day intervals after fruit begins to set.

STRAWBERRIES (7): Use 10 tablespoonfuls in 3 gallons of water as needed to control meadow spittlebug, strawberry leaf roller and strawberry weevil. For spittlebug, apply when masses are seen.

NOTE: Subsequent planting of food and feed crops in treated soil must be made with crops on this or other carbaryl label(s).

STORAGE AND DISPOSAL

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

STORAGE: Store pesticide in the original container in a locked storage

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.

**ACCEPTED
WITH COMMENTS
In EPA Letter Dated:**

SEP 24 2003

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



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