



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

AUG 29 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 5% Dust (Carbaryl)
EPA Reg. No. 4-143
Submission dated May 22, 2003

Dear Ms. Horton:

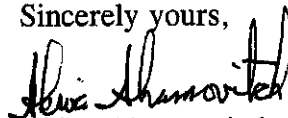
The revised labeling referenced to above, submitted in connection with the registration under the Federal Insecticide, fungicide, and Rodenticide Act (FIFRA) as amended, is acceptable with the following comments:

- 1) Revise the Precautionary Statements to read "Harmful if swallowed, inhaled or absorbed through the skin. Do not breath dust. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Do not contaminate water, food or feed with this product.
- 2) Add under the directions for use on pets "This product must not be applied by children or when children are present".
- 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. You may want to list the NPIC emergency number. You may want a separate Note to Veterinarian from the Note to Physician.
- 4) Revise the re-treatment directions to "Do not reapply this product less than 30 days from the last application" to comply with the 30 days prohibition of treating pets with cholinesterase inhibiting pesticides.

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,



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

[FRONT PANEL]



BONIDE® SEVIN® 5% DUST

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

Brand Carbaryl Insecticide

AUG 29 2003

Ready to Use

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

(Picture)

4-143

Insecticide for use on vegetables, fruit, ornamentals, dogs and cats

ACTIVE INGREDIENT:

Carbaryl (CAS # 63-25-2) 5.0%

OTHER INGREDIENTS:..... 95.0%

TOTAL..... 100.0%

Sevin® is a registered trademark of Rhone-Poulenc Nederland B.V. for carbaryl insecticides.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

NET WEIGHT: 1 LB

[BACK/SIDE/OTHER PANEL(S)]

READ ENTIRE LABEL BEFORE EACH USE.

USE ONLY ON DOGS AND CATS. [when labeled for use on pets]

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.	
If Swallowed:	<ul style="list-style-type: none"> • Call 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 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.
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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIANS & VETERINARIANS: Carbaryl is a moderate, reversible cholinesterase inhibitor. ATROPINE is antidotal.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Wash thoroughly after handling. Wash contaminated clothing before reuse.

Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. Do not use this product on animals simultaneously or within 30 days before or after treatment with or exposure to cholinesterase inhibiting drugs, pesticides or chemicals. However, flea and tick collars may be immediately replaced.

USER SAFETY REQUIREMENTS

- Wear long-sleeved shirt, long pants, shoes plus socks and household latex or rubber gloves when applying this product.
- 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 toilet.
- Avoid contamination of food and feed.
- Do not allow children or pets to contact treated area until dust has settled.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to bees and aquatic organisms. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply while bees are actively visiting the area. Additional protective information may be obtained from your Cooperative Extension Service. Subsequent planting of food and feed crops in treated soils must be made with crops on this or other carbaryl labels.

DIRECTIONS FOR USE

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

Wearing household latex or rubber gloves, use a dust applicator such as a shaker can, dust gun puffer or bulbous duster, rotary duster or other appropriate duster as available. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust. Apply when air is calm to avoid drift and contact with eyes and skin. Start applying at the farthest corner of the treatment area and work backward to avoid contact with dusted surfaces. Allow dust to settle in treated areas before reentering. For plants above chest height, consider using a liquid carbaryl product. 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.

This product has been colored green to blend with foliage and avoid unsightly white dust deposits.

Not for use on plants being grown for sale, or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic, or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses, or lawns and ground.

READ THE PRECAUTIONS! Make application in morning or evening when it is cool. Treat upper and lower surfaces of all foliage. Do not apply in excess. Start applications at first sign of insects. Repeat as necessary, generally at 7-day intervals, but not more often than once a week. Do not use closer to harvest than indicated following each crop. Light application should be made in seed beds if plants show sign of insects. **NOTE 1:** Do not feed forage to dairy animals or animals being finished for slaughter. **NOTE 2:** Apply to corn silks every 7 days until dry for corn earworm control. **NOTE 3:** Do not use on watermelon in Florida. Do not apply to melons or cucumbers when temperatures exceed 80 degrees F or when vines are wet.

PHI – Preharvest Interval

	For Control Of	Time to Stop Use Before Harvest
Beans:	Mexican bean beetle, leafhoppers, flea beetles, corn earworm, lygus bugs, stink bugs	Fresh beans: 3 day PHI, Dried beans: 21 day PHI
Carrots:	Leafhoppers, flea beetles, spittlebugs	7 day PHI
Corn:	Corn earworm, fall armyworm, grasshoppers (See Notes 1 & 2)	2 day PHI
Brussels Sprouts:	Flea beetles, cabbage worms, harlequin bugs, corn earworm	3 day PHI
Broccoli:	Flea beetles, cabbage worms, harlequin bugs, corn earworm	3 day PHI
Cucumbers:	Flea beetles, pickleworms, cucumber beetles, squash bugs (See Note 3)	3 day PHI
Melons:	Flea beetles, pickleworms, cucumber beetles, squash bugs (See Note 3)	3 day PHI
Squash:	Flea beetles, pickleworms, cucumber beetles, squash bugs (See Note 3)	3 day PHI
Eggplant:	Lace bugs, tomato hornworm	3 day PHI
Head Lettuce:	Leafhoppers, stink bugs, armyworms	14 day PHI
Okra:	Stink bugs, corn earworm	3 day PHI
Peppers:	Tomato fruitworm, fall armyworm, flea beetles, leafhoppers, lygus bugs	3 day PHI
Potatoes:	Colorado potato beetles, flea beetles, leafhoppers, lygus bugs	7 day PHI
Strawberries:	Meadow spittlebug, leaf rollers and strawberry weevil	7 day PHI
Tomato:	Tomato fruitworm, tomato hornworm, flea beetles, stink bugs	3 day PHI

ORNAMENTALS: Flowers and herbaceous plants (Japanese beetle, blister beetle, flea beetles, June beetles, boxelder bug, mealybugs, lace bugs, plant bugs, leafhoppers, leaf rollers, psyllids, rose aphid and exposed thrips), dust thoroughly covering both tops and undersides of leaves with light film. Repeat application as needed no more than once a week. Do not apply on Boston Ivy.

SHRUBS AND WOODY PLANTS: (Gypsy moth, scale insects, bagworm, boxwood leafminer, Japanese beetle, June beetles, rose aphid, rose slug, periodical cicada, leafhoppers, leaf rollers, boxelder bug, lace bugs, mealybugs, plant bugs, thorn bug, orange tortrix and exposed thrips), dust thoroughly covering both tops and underside of leaves with light film. Repeat application as needed but not more than once a week.

BEE, WASP AND HORNET: Using a 10 oz. duster with snorkel tube attachment, locate the brood nest or center of the colony, if possible, by listening with your ear to the wall (inside or out). Where the buzzing and clicking sound is the loudest is generally the area of the brood comb and bees.

Drill a 1/4" hole into that section of the wall from either the inside or outside and push the bit on through to clear a hole into the brood area.

Insert the snorkel tube of the Sevin® 5% duster into the 1/4" hold and squeeze the duster, thus pumping the dust into the brood area. Continue squeezing until most of the insecticide dust is pumped in the wall cavity. If dust packs in the snorkel tube, remove the snorkel tube and the nozzle and shake to loosen dust. Allow 24 hours for Sevin® 5% dust to completely destroy the colony; after which the 1/4" hole and the outside bee entrance can be permanently sealed with wood putty or some other similar impervious material.

If it is impossible to drill a hole into the brood nest, apply Sevin® 5% dust heavily around the outside entrance to the colony. Also, pump a large quantity of Sevin® 5% dust into the entrance. This method will take longer to destroy the colony and may require two or three applications in order to do so.

Stand upwind while pumping Sevin® 5% dust into the entrance of the colony. Do not eat any honey taken out of the wall after bees have been destroyed with Sevin® 5% dust.

Sevin® 5% dust will also destroy wasps and hornets but heavy protective clothing, including veil and gloves, should be worn in applying Sevin® 5% to the nest, as the hornets will attack savagely before the Sevin® 5% dust can be applied effectively.

DOGS and CATS: Fleas and ticks on dogs and cats. Use product only outside or in a well-ventilated area. Wearing household latex or rubber gloves, dust entire animal, avoiding pet's eyes, nose, mouth and genital areas. Rub or brush pet's hair to work dust down to the skin. This product should not be applied by children. Do not use on pregnant dogs or cats. Do not use on kittens or puppies under 12 weeks of age. Dust bedding and doghouse using a shaker can or other dust applicator. Do not repeat application more than once a week. Consult a veterinarian before using this product on debilitated, aged, nursing or medicated animals.

In case of Emergency, call 1-800-548-2423 (Animal Poison Control Center).

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

Buyer's Guarantee Limited to Label Claims

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