

PM 19

PM 19 51036-13

10F10

File

United States Environmental Protection Agency
Washington, D.C. 20460

OCT 1 1993

Office of
Prevention, Pesticides and
Toxic Substances

Morris Gaskins
MICRO-FLO CO.
BOX 5948
LAKELAND FL 33807

Subject: Label Amendment Submission of 05/27/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 51036-13
SEVIN 10% DUST

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)

Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

Hand or courier deliveries of final labels may be made to:

Document Processing Desk (FIN-LABEL)
Room 266A Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely
Jim Taylor
James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505G)

MICRO-FLO CO.
SEVIN 10% DUST
51036-13 05/27/93
Original Submission

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.
The Agricultural Use Requirements section must either be placed in a box or printed on the label in a contrasting color from the surrounding text.

Delete "notification to workers" from the first paragraph of the Agricultural Use Requirements section.
There is a typographical error(s) in the User Safety Recommendations section.

Draft labeling for WPS language in response to PR 93-7

MICRO FLO
SEVIN 10% DUST
N-METHYL CARBAMATE

ACTIVE INGREDIENT:

Carbaryl (1-Naphthyl N-methylcarbamate)	10.0%
INERT INGREDIENTS	90.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT
N-Methyl Carbamate

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching finger to back of throat. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF INHALED: Remove victim to fresh air. Apply respiration if indicated.

IF IN EYES: Flush eyes for at least 15 minutes with water. Call a physician immediately.

This product is an N-methyl carbamate acid ester that inhibits cholinesterase.

See Elsewhere On Label For Additional Precautionary Statements

EPA Reg. No. 51036-13

ACCEPTED
EPA Est. No. 68057GA-1
In EPA Letter Dated

OCT 1 1993

Manufactured By
MICRO FLO COMPANY
P.O. BOX 5948
LAKELAND, FLORIDA 33807

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
51036-13

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

CAUTION

May be harmful if swallowed. Do not take internally. Avoid contact with eyes, skin and clothing. Avoid breathing vapors, dust, or spray mist. Flush contaminated eyes with plenty of water and get medical attention if irritation persists. Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

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

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks
4. Chemical-resistant headgear for overhead exposure

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic estuarine invertebrates. Do not apply directly to water or wetlands, except under the forest canopy and use on rice. Discharge from rice fields may kill aquatic and estuarine invertebrates. Do not contaminate water by cleaning of equipment or disposal of wastes. This produce 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.

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.

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 the 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, notification to workers, and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water, is:

1. Coveralls
2. Waterproof gloves
3. Shoes plus socks
4. Chemical-resistant headgear for overhead exposure

CHEMIGATION PROHIBITION

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

STORAGE: Store in cool, dry place. (In case of spill, remove spillage with an industrial type vacuum cleaner and wash area with household bleach).

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: Do not reuse bag. Completely 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.

APPLICATION

To be used as a dust without dilution in conventional ground or air dusters. Dusts should be applied when the wind velocity is less than 5 miles per hour. The best hours for dusting are usually between 5 PM and 9 AM. Apply on foliage when needed unless otherwise noted in special instructions and repeat at 7 to 10 day intervals if necessary.

COTTON

Thrips, Flea Beetles, Leafworm, Striped Blister Boll Weevil, Bollworm, Fall Armyworm, Leaf Perforator, Leaf Rollers - 5 to 10 lbs. per acre.

Leafhoppers, Tarnished Plant Bug, Lygus and other Plant Bugs,

Grasshoppers - 10 to 20 lbs. per acre.
 Pink Bollworm - 15 to 25 lbs. per acre.
 Salt-marsh Caterpillar, Stink Bugs - 20 lbs. per acre. Do not apply within 7 days of harvest. Do not pasture dairy animals or animals being finished for slaughter in cotton fields or feed gin waste.

FIELD AND SWEET CORN

Corn Earworm - 10 to 20 pounds per acre. For forage do not apply 7 days before harvest. Apply when first silks appear and repeat at 2 to 3 day intervals during silking period. Direct dusters to ear zone to insure complete coverage of each silk. On sweet corn for food it can be applied up to and including the day of harvest.
 Corn Rootworm Adults, European Corn Borer, Fall Armyworms, Sap Beetles, Japanese Beetles, Leafhoppers - 10 to 20 lbs. per acre.

SUGAR BEETS

Leafhoppers, Armyworms, Webworms, Grasshoppers - 10 to 20 lbs. per acre. Do not apply within 14 days of harvest.

PEANUTS, ALFALFA, CLOVER, COWPEAS, SOYBEANS

Blistar Beetles, Mexican Bean Beetle - 5 to 10 lbs. per acre.
 Thrips, Leafhoppers, Three-cornered Alfalfa Hopper, Cucumber Beetles, Bean Leaf Beetle, Japanese Beetle, Alfalfa Caterpillar, Velvetbean Caterpillar, Green Cloverworm - 10 lbs. per acre.
 Armyworms, Webworms, Corn Earworm, Stink Bugs, Grasshoppers - 10 to 15 lbs. per acre. On Alfalfa and Cowpeas do not apply within 3 days of harvest.

TOBACCO (Field)

Hornworms, Budworms, Flea Beetles, June Beetles, Japanese Beetles - 10 to 20 lbs. per acre. Do not apply 3 days before priming or cutting.

(Plant Beds) - Tobacco Flea Beetle, Green June Beetle Grubs - 1 lb. per 100 sq. yds. Do not apply 3 days before transplanting.

RICE, FORAGE GRASS, PASTURE

Thrips, Stink bugs, Armyworms, Grasshoppers - 10 to 15 lbs. per acre. On Rice do not apply within 14 days of harvest.

SORGHUM

Armyworms, Webworms, Corn Earworm, Stink Bug, Grasshoppers - 10 to 20 lbs. per acre.

Sorghum Midge - 15 lbs. per acre. On Grain do not apply within 14 days of harvest. Apply 3 or 4 days after heads have emerged from boot.

ASPARAGUS (On Spears)

Asparagus Beetle - 10 to 20 lbs. per acre. Do not apply within 1 day of harvest. Do not repeat application within 3 days.

(On Ferns and Brush) - Asparagus Beetle, Apache Cicada Post-Harvest Application - 20 to 40 lbs. per acre.

BEANS

Lygus Bugs, Stink Bugs, Corn Earworm, Leafhoppers, Flea Beetles, Tarnished Plant Bug, Bean Leaf Roller, Mexican Bean Beetle, Bean Leaf Beetle, Cucumber Beetle, Western Bean Cutworm, Japanese Beetle, Velvetbean Caterpillar, Armyworms - 10 to 20 lbs. per acre.

CUCUMBERS, SQUASH, CANTALOUPE, WATERMELONS

Striped Cucumber Beetle, Spotted Cucumber Beetle, Melonworm, Pickleworm, Squash Bug, Leafhoppers, Cucumber Beetles, Flea Beetles - 10 lbs. per acre.

POTATOES, TOMATOES, EGGPLANTS, PEPPERS

Flea Beetles, Cucumber Beetles, Tomato Fruit Worm, Fall Armyworms, Corn Earworm, Tomato Hornworms, Tobacco Hornworms, Leafhoppers, European Corn Borer, Stink Bugs, Colorado Potato Beetle, Tomato Fruitworm, Lace Bug, Lygus Bug - 10 to 20 lbs. per acre.

LETTUCE

Flea Beetles, Stink Bugs, Corn Earworm, Leafhoppers, Armyworms, Harlequin Bug, Cabbage Caterpillars, Spittlebugs, Lygus Bugs - 10 to 20 lbs. per acre. Do not apply within 3 days of harvest on head lettuce, 14 days on leaf lettuce.

CARROTS

Flea Beetles, Leafhoppers, Harlequin Bug, Six-spotted Leafhopper (Aster Yellows Vector) - 10 to 15 lbs. per acre.
Corn Earworm, Armyworms, Cabbage Caterpillars, Spittlebugs, Lygus and Stink Bugs - 10 to 20 lbs. per acre.

CABBAGE, BROCCOLI, BRUSSEL SPROUTS, CAULIFLOWER, KOHLRABI

Flea Beetles, Harlequin Bug - 5 to 10 lbs. per acre.
Corn Earworm, Armyworms, Cabbage Caterpillars - 10 to 20 lbs. per acre. Do not apply within 3 days of harvest.

OKRA

Corn Earworm, Flea Beetles, Japanese Beetle, Stink Bugs - 10 to 20 lbs. per acre.

CRANBERRIES

Leafhoppers, Stink Bugs, Rose Chafer, Fruitworms, Fireworms, Cutworms, Japanese Beetle - 15 to 30 lbs. per acre. Do not apply within 1 day of harvest.

STRAWBERRIES

Flea Beetles, Lygus Bugs, Spittlebugs, Leafhoppers, Strawberry Leaf Roller, Strawberry Weevil - 10 to 20 lbs. per acre. Do not apply within 1 day of harvest.

BLUEBERRIES

Blueberry Maggot, Cherry Fruitworm, Cranberry Fruitworm, European Fruit Lecanium, Japanese Beetle - 15 to 30 lbs. per acre.

GRAPES

Grape Leafhoppers, Grape Leaf Folder, Grape Berry Moth, European Fruit Lecanium, Grape Leaf Skeletonizer, Japanese Beetle, June Beetles, Red-banded Leaf Roller - 20 to 30 lbs. per acre.

CITRUS (Non-bearing)

Soft brown Scale - 40 to 50 lbs. per acre. Apply to non-bearing citrus trees or to mature trees with no fruit present.

ORNAMENTALS

Arbor Vitae, Azalea, Aster, Birch, Boxwood, Carnation, Camellia, Chrysanthemum, Dahlia, Dogwood, Elm, Gladiolus, Holly, Juniper, Lilac, Marigold, Petunia, Rhododendron, Rose, Rose of Sharon, Yew, Zinnia - Aphids, Bagworm, Blister Beetles, Boxelder Bug, Leaf Miner (Dipterous), Leaf Beetles, Flea Beetle, Japanese Beetle, Leafhoppers, Leaf Rollers, Orange Tortrix, Periodical Cicada, Plant Bug, Tent Caterpillar, Thrips (Exposed) - Apply to completely cover foliage and repeat as necessary.

POULTRY INSECT CONTROL

CHICKENS, TURKEYS, DUCKS, GEESE, GAME BIRDS AND PIGEONS: LITTER TREATMENT-

Apply 1/2 lb. per 40 square feet to control Northern Flow Mite, Chicken Mite, Lice, Fleas and Bed Bugs. Use a scoop and scatter by hand, or apply by hand duster. Avoid contamination of nests, eggs, feeding and water troughs.

HAND APPLICATION TO BIRDS:

Use 1/2 lb. to treat 100 birds by means of a shaker can, squeeze bottle or hand duster to control northern Fowl Mite, Chicken Mite, Lice and Fleas. Direct dust to vent and fluff areas. Repeat in 4 weeks if necessary. Hand application to birds for Chicken Mite and Fleas is a supplement to litter treatment for control of these pests. For the control of Sticktight Fleas, it is especially important to treat necks and heads.

DUST-BATH BOXES:

Use 2 1/2 lbs. per box for each 100 birds to control Northern Fowl Mites, Chicken Mite, Lice and Fleas. This is a supplement to litter treatment for Chicken Mites and Flea control. On ranges, one natural wallow may be substituted for each dust-bath box. DO NOT TREAT PREMISES WITHIN 7 DAYS OF SLAUGHTER.

PEST INSECT CONTROL

DOGS:

For Ticks and Fleas, dust over the entire animal, avoiding eyes,

and rub thoroughly into the skin. Comb out dead ticks a few hours after treatment. Repeat at weekly intervals if needed. Avoid treatment of animals less than four week of age. Do not use on pregnant dogs.

DOG QUARTERS:

For Ticks and Fleas, dust in and around sleeping quarters, kennels and dog houses by means of a shaker can, hand or power duster. Force dust into cracks and crevices. Repeat as necessary.

CONDITIONS OF SALE

All statements concerning the use of this product apply only when used as directed.

THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL.

Read all directions carefully.