

APR 25 1997

Jean Butler  
 Speer Products, Inc.  
 P.O. Box 18993  
 Memphis, TN 38181-0993

Subject: Sevin® Liquid Concentrate Insect Spray  
 EPA Registration No. 11715-229  
 Amendment dated December 12, 1996  
 Response to Agency letter dated 10/1/96

Dear Ms. Butler:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the following changes to your label:
  - a) In the Directions for Use on CORN, change "...apply at 2 to 3 day intervals..." to "...apply at 7 day intervals..."
2. Submit one copy of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions. A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

BE

for Tina E. Levine, Ph.D.  
 Acting Product Manager (19)  
 Insecticide-Rodenticide Branch  
 Registration Division (7505C)

CONCURRENCES							
SYMBOL	ENCLOSURE						
SURNAME							
DATE							

Bedwards A:11715/229.1 4/24/97

# SEVIN®

Liquid Concentrate  
INSECT SPRAY\*\*

Attacks a Broad Spectrum of Insects and Stops Their Damage

**ACTIVE INGREDIENTS:**

Sevin: Carbaryl (1-naphthyl) N-methylcarbamate.....42.6%

INERT INGREDIENTS:.....57.4%

TOTAL 100.00%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION  
SEE BACK FOR ADDITIONAL PRECAUTIONS**

**NEW UNI-BOTTLE PRE-MEASURED TREATMENTS**

**USE ONE BOTTLE EACH TIME YOU SPRAY**

**EACH UNI-BOTTLE™ DILUTES TO MAKE ENOUGH SPRAY FOR ONE AVERAGE APPLICATION.\***

**BUY AND MIX EXACTLY WHAT YOU NEED.**

**NO MEASURING. ACCURATE AND EASY TO USE.**

**CONVENIENT. NO STORAGE OF PARTIALLY USED BOTTLES.**

**\*\*Refer to back for complete use directions. Remove bottles as needed from back.**

**DO NOT DESTROY THIS CARD UNTIL ALL UNITS HAVE BEEN USED.**

**NET CONTENTS: 8 Bottles, .08 fl. oz. each**

EPA Reg. No. 11715-229

EPA Est. No.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

APR 25 1997

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

11715-229

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:**

Harmful if inhaled or swallowed. Do not breathe spray mist or take internally. Avoid contact with skin. Wear gloves and long-sleeved work clothing. Wash hands and face before eating. Wash thoroughly after handling.

REC'D.../DPD1  
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### STATEMENT OF PRACTICAL TREATMENT

If swallowed - Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.

If on skin - Remove contaminated clothing and wash affected areas with soap and water.

If in eyes - Flush eyes with plenty of water. Call a physician immediately.

Note for Physician: Carbaryl is a moderate, reversible cholinesterase inhibitor. Atropine is antidotal. Do not use 2-PAM, opiates, or cholinesterase inhibiting drugs.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

### BEE CAUTION: MAY KILL HONEYBEES IN SUBSTANTIAL NUMBERS

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service. Do not use when value of bees as pollinators is more important than insect control. Before applying, warn beekeepers to locate hives beyond bee flight range until one week after application or to take other equally effective precautions.

#### 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.

#### 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 & DISPOSAL

Protect from freezing. Do not reuse empty container bottle. Wrap container and put in trash collection.

Use any style clean sprayer. Dilute Uni-Bottles according to rates below. Where a dosage of 1 to 2 bottles is indicated, use 1 bottle on young plants and 2 on mature plants. Apply when insects or their damage first appear. Repeat as necessary, but no more than once a week. For best results, apply full coverage spray to all exposed parts of plants especially upper and lower leaf surfaces. Do not store diluted spray. Unless otherwise specified, application can be made on day of harvest.

### VEGETABLE CROPS

Asparagus

Asparagus Beetle on seedlings or spears. Use one or two bottles per 1 quart (32 oz.)

Application: Do not apply more often than once a week. Do not apply within 1 day of harvest.

Beans (Green, Lima, Snap)

Mexican Bean Beetle. Use 1 bottle per 1/2 gallon (64 oz.)  
Bean Beetle, Cucumber Beetles, Flea Beetles, Japanese Beetle, Leafhoppers, Velvet Bean Caterpillar, Western Bean cutworm. Use 1 bottle per 1 quart (32 oz.)

Armyworms, Cutworms, Corn Earworm, Stink Bugs, Tarnished Plant Bugs. Use 1 bottle per 1 quart (32 oz.)

Carrots, Chinese Cabbage, Collards, Dandelion, Endive (Escarole), Garden Beets, Horseradish, Kale, Lettuce, Mustard Greens, Parsley, Parsnips, Radishes, Rutabagas, Salsify, Swiss Chard, Turnips, Spinach

Flea Beetles, Harlequin Bug, Leafhoppers. Use 1 or 2 bottles per 1/2 gallon (64 oz.)

Six-spotted Leafhopper (Aster Yellows Vector). Use 1 bottle per quart (32 oz.)

Armyworms, Imported Cabbage Worm, Diamond-Back Moth Larvae and Loopers, Corn Earworm, Tarnished Plant Bug, Stink Bugs. Use 1 or 2 bottles per 1 quart (32 oz.)

Application: For optimum control of Corn Earworm, after Lettuce Heads begin to form, use 1 bottle per 1 quart (32 oz.) in a 7 day schedule. To avoid possible injury to Lettuce, do not apply when foliage is wet or when rain or excessive humidity is expected during the next 2 days. Do not apply within 3 days of harvest of Head Lettuce, Garden Beets (roots), Horseradish, Radishes, Parsnips, Rutabagas, Salsify (roots) and Turnips (roots). Do not apply within 14 days of harvest of Chinese Cabbage, collards, Dandelion, Endive (escarole), Garden Beets (tops), Kale, Leaf Lettuce, Mustard

Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kohlrabi)	Greens, Parsley, Salsify (tops), Spinach, Swiss Chard and Turnips (tops). Flea Beetles, Harlequin Bug. Use 1 or 2 bottles in 1/2 gallon (64 oz.). Armyworms, imported Cabbage Worms, Diamondback Larvae and Loopers, Corn Earworm. Use 1 or 2 bottles in 1 quart (32 oz.). Do not apply within 3 days of harvest.
European Corn	Corn Earworm, Corn Rootworm Adults, European Corn borer, fall Armyworm, Flea Beetles, Japanese Beetle, Leafhoppers, Sap Beetles. Use 1 or 2 bottles per 1 quart (32 oz.). Application: For larvae in whorl (budworm damage) and foliage feeders, apply to entire plant - repeat as necessary. For insects attacking silks and ears apply at 2 to 3 day intervals starting when first silks begin to dry. Three or more applications may required depending on severity of infestation. Timing and good coverage are absolutely essential for effective control.
Cucumbers, Melons, Pumpkins, Squash	Cutworms - Use 1 bottle in 16 oz. Application: Application to the tassel region of the Corn during the pollen shed period will seriously reduce Bee populations. Melonworm, Pickleworm. Use 1 bottle in 1/2 gallon (64 oz.). Cucumber Beetles, Flea Beetles, Leafhoppers, Squash Bugs. Use 1 bottle in 1 quart (32 oz.). Application: Avoid excessive application. To avoid possible injury on tender foliage do not apply when foliage is wet or when rain or excessive humidity is expected during the next 2 days.
Garden Peas	Colorado Potato Beetle, Leafhoppers. Use 1 bottle in 1 quart (32 oz.)
Potatoes, tomatoes, Eggplants, Peppers	Colorado Potato Beetle, Flea Beetles, Leafhoppers. Use 1 or 2 bottles in 1/2 gallon (64 oz.). European Corn Borer, Fall Armyworm, Lace Bugs, Stink Bugs, Tarnished Plant Bugs, tomato Fruit Worm, tomato Hornworm. Use 1 or 2 bottles in 1 quart (32 oz.) Cutworms (on Potato, Tomato, Eggplant). Use 1 bottle in 16 oz.

### ORNAMENTAL PLANTS, FLOWERS, SHRUBS, AND SHADE TREES

Rose, Carnation, Gladiolus, Zinnia, Chrysanthemum, Lilac, Arbor Vitae, Juniper, Hydrangea, Azalea, Elm, Maple, Oak, Dogwood, Birch and Pines. (Do not use of Boston Ivy).

Application: Apply 1 bottle per 1 quart (32 oz.) of water when insects or their damage appear. Repeat weekly or as needed to control Apple Aphid, Bagworm, Birch Leaf Miner, Blister Beetles, boxelder Bug, Boxwood Lead Miner, Elm Leaf Aphid, Elm Leaf Beetle, Flea Beetles, Gypsy Moth, Japanese Beetle, June Beetles, Lace Bugs, Leafhoppers, Leaf Rollers, Mealy Bugs, Mimosa Webworm, Oak Leaf Miners, Orange Tortrix, Periodical Cicada Plant Bugs, Puss Caterpillars, Psyllids, Rose Aphid, Roselug, Scale Insects, Tent Caterpillars, Thorn Bugs, Thrips (exposed), Willow Leaf Beetles.

**LIMITED WARRANTY:** Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions.

Manufactured for:  
Speer Products, Inc.  
4242 B.F. Goodrich Blvd.  
Memphis, TN 38118

UNIT BOTTLE LABEL:

# SEVIN INSECT SPRAY

NET CONTENTS: .08 OZ.

ACTIVE INGREDIENTS:

Carbaryl (1-naphthyl) N-methylcarbamate.....42.6%

INERT INGREDIENTS:.....57.4%

TOTAL 100.00%

EPA REG. NO. 11715-229

EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN

## CAUTION

SEE BACK OF OUTER CONTAINER FOR ADDITIONAL  
PRECAUTIONS AND COMPLETE DIRECTIONS FOR USE OF  
THIS PRODUCT.