



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Jane Miller Biologic, Inc. 115 Obtuse Hill Brookfield, Connecticut 06804

JAN 2 1 2010

Dear Ms. Miller:

Subject: Amendment- change from 100% repack

Martin's Viper Insect Dust

EPA Registration Number 53883-33

Your submissions dated September 25, 2009 and January 7, 2010

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following comments:

1. You must generate a one-year storage stability and corrosion characteristics (830.6317and 830.6320) data on the proposed product. The results must be submitted to the Agency in electronic and hard copy format.

A copy of the chemistry and toxicological reviews are enclosed for your records.

A copy of the stamped label is enclosed for your records.

If you have any questions you may contact Linda A. DeLuise at 703.305.5428.

Sincerely yours,

/ A Di X

Richard Gebken

Product Manager (10)

Insecticide Branch

Registration Division (7505P)

Enclosure

# Martin's

# VIPER INSECT DUST

#### For Outdoor Use on Home Gardens

### KILLS OVER 60 INSECTS ON

- Vegetables
- Ornamentals
  - Fruits

# ACCEPTED

JAN 2 1 2010

Funder the Policial Insocicida, Pringloide, and Hodenticide Act, as enemied, for the pesticide registered under 3683-38

### CAN ALSO BE USED ON

- Dogs and Cats
  - Livestock

#### **ACTIVE INGREDIENT:**

| Permethrin (3-phenoxyphenyl) methyl (+/-) cis,  |               |
|---|---------------|
| trans-3-(2,2-dichloroethenyl)-2,2dimethylcyclo- |               |
| propanecarboxylate*                             | 0.25%         |
| INERTINGREDIENTS:                               | <u>99.75%</u> |
| TOTAL:  | 100.00%       |

\* cis/trans ratio: Min. 35% (+1-) cis Max. 65% (+1-) trans

# KEEP OUT OF REACH OF CHILDREN CAUTION

See back/side panels for additional precautionary statements.

**NET CONTENTS** 

#### **IBACK/SIDE LABEL PANEL**

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: <u>Humans</u>: Harmful if swallowed or if inhaled. Remove contaminated clothing and wash clothing before reuse. Avoid breathing dust. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before smoking or eating. Avoid contamination of feed and foodstuffs. <u>Animals</u>: Harmful if swallowed, inhaled. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals or animals on medication. 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.

| FIRST AID                  |  |
|----------------------------|--|
| IF IN EYES:                | <ul> <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>    |
| IF ON SKIN OR<br>CLOTHING: | <ul> <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>  |
| IF INHALED:                | <ul> <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> |
|                            | HOT LINE NUMBER  |
| Have the product of        | ontainer or label with you when calling a poison control center or doctor, or going  |

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall (866) 897-8050 for emergency medical treatment information.

#### PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

#### **ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish and aquatic organisms. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwater. This pesticide is toxic to honey bees and other beneficial pollinators exposed to an application. Do not apply when bees are actively visiting blooming plants (vegetables, flowers, fruit/ornamental trees). Do not allow this product to come in direct contact with beehives at anytime.

#### **DIRECTIONS FOR USE**

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

READ ENTIRE LABEL BEFORE EACH USE FOR PET USE - USE ONLY ON CATS OR DOGS

# USE ON LIVESTOCK BEEF AND DAIRY CATTLE AND HORSES

Can be used in dust bags, shaker can and mechanical dust applicator.

Horn Flies, Lice, Face Flies: Place contents of this package in any commercially available dust bag, suspend bag in areas frequented by cattle or in gateways or lanes through which the animals must pass daily for water, feed, or minerals. Bags may also be placed in loafing sheds or in front of mineral feeders.

For dairy cows, bags may be suspended in the exit through which the cows leave the milking barn. The bags should hang 4 to 6 inches below the back line of the cattle. For reduction of Face Flies, bags must be located so animals will be forced to use them daily and hung at a height so that the face is dusted.

Horn Flies, Lice Direct Application: Apply 2 oz. of dust per animal by shaker can over the head, neck, shoulders and back and tailhead. Repeat as necessary, but not more than once every three days.

HORSES: Dust horse for Horn flies with shaker can or dust glove along back, neck and legs.

#### SWINE

Lice on Swine Direct Application: Apply only 1 ounce per head as a uniform coat to the head, shoulder and back by use of a shaker can or suitable mechanical dust applicator. Repeat as necessary but not more often than once every 10 days. In severe infestation, both animals and the bedding may be treated. Do not ship animals for slaughter within 5 days of treatment.

#### **POULTRY**

To control Northern Fowl Mites, apply at a rate of 1 lb. per 100 birds. Ensure thorough treatment of vent area.

#### **USE ON CATS AND DOGS**

#### To control Fleas, Ticks and Lice on Cats and Dogs.

Use product only outside or in a well-ventilated area. Wearing household latex or rubber gloves dust animals thoroughly, working the dust into the hair down to the skin. Pay close attention to legs and feet. Use 1/2 oz. on animals 20 pounds and under and 1 oz. on pets over 20 pounds. Avoid getting dust in pet's eyes, nose, mouth, and genital areas. Reapply every three weeks as needed. Do not use on cats or dogs under twelve (12) weeks of age. Dust sleeping area including bedding and cracks and crevices.

#### **USE ON HOME GARDENS**

#### NOT FOR USE ON PLANTS BEING GROWN FOR SALE OR OTHER COMMERCIAL USE.

Controls a wide range of insect pests. Use at first signs of insect infestation, preferably before damage from feeding occurs.

Wearing household latex or rubber gloves, use a dust applicator such as a shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster as available. Start applying at the farthest corner of the treatment area and work backward to avoid contact with dusted surfaces. Dust lightly to cover both upper and lower leaf surfaces with a thin, even film of dust. (Many insects hide

on the underside of the leaf).

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

Note the pre-harvest (time between use and harvest) interval with each crop listed.

# **VEGETABLES**

# DIRECTIONS FOR APPLICATION

| CROP   | TARGET PEST   | REMARKS  |
|--|---|--|
| Asparagus  | Cutworm Complex,<br>Asparagus Beetle  | Dust lightly. Apply up to 4 times per season. May be applied until 1 Day before harvest  |
| Broccoli, Brussel Sprouts,<br>Cauliflower                  | Cabbage Looper, Imported Cabbageworm, Diamondback Moth, Cabbage Aphid   | Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest. |
| Cabbage  | Cabbage Looper, Imported Cabbageworm, Diamondback Moth, Cabbage Aphid   | Dust lightly. Apply up to 5 times per season. May be applied until I day before harvest. |
| Cucumber, Muskmelons,<br>Pumpkin, Squash,<br>Watermelon    | Leafminer, Squash Bug, Cabbage<br>Looper, Cucumber Beetle (adult),<br>Cutworm, Melon Worm, Pickle<br>Worm, Plant Bug (including Lygus<br>And Stink Bug), Rindworm,<br>Squash Vine Borer | Dust lightly. Apply up to 8 times per season. May be applied until harvest.              |
| Celery, Lettuce (head and leaf), Parsley, Rhubarb, Spinach | Vegetable Leafminer, Cabbage Looper, Cutworm Complex, Fall Armyworm, Beet Armyworm, Corn Earworm, Leafhopper, European Corn Borer   | Dust lightly. Apply up to 5 times per season. May be applied until 1 day before harvest. |
| Eggplant   | Colorado Potato Beetle, Vegetable<br>Leafminer, Cabbage Looper, Flea<br>Beetle  | Dust lightly. Apply up 10 times per season. May be applied until 3 days before harvest.  |

# VEGETABLES (cont'd)

# DIRECTIONS FOR APPLICATION

| CROP                         | TARGET PEST  | REMARKS  |
|------------------------------|--|--|
| Onions (Dry bulb and Garlic) | Onion Thrips, Armyworm,<br>Cutworm, Leafminer, Onion   | Dust lightly. Apply up to 6 times per season.  |
| - Carrey                     | Maggot (adult), Stink Bug  | May be applied until 1 day before harvest  |
| Peppers (Bell)               | Pepper Weevil, Vegetable<br>Leafminer, Cabbage Looper, Flea<br>Beetle, European Corn Borer   | Dust lightly. Apply up to 8 times per season. May be applied until 3 days before harvest.  |
| Potatoes                     | Colorado Potato Beetle, Potato<br>Leafhopper, Aster Leafhopper,<br>Potato Flea Beetle, Potato Aphid,<br>Potato Tuberworm, Potato Psyllid,<br>Cabbage Looper                    | Dust lightly. Apply up to 8 times per season. May be applied until 14 days before harvest. |
| Sweet Corn                   | Corn Earworm, European Corn<br>Borer, Fall Armyworm, Southern<br>Armyworm, Corn Rootworm<br>(adult), Cutworm, Aster<br>Leafhopper, Flea Beetle                                 | Dust lightly. Apply up to 6 times per season. May be applied until 1 day before harvest.   |
| Tomatoes                     | Tomato Fruitworm, Cabbage<br>Looper, Tomato Pinworm,<br>Vegetable Leafminer, Beet<br>Armyworm, Southern<br>Armyworm, Colorado Potato<br>Beetle, Granulate Cutworm,<br>Hornworm | Dust lightly. Apply up to 6 times per season. May be applied until day of harvest.         |

## **ORNAMENTALS**

# DIRECTIONS FOR APPLICATION

| CROP           | TARGET PEST  | REMARKS  |
|----------------|--|--|
| Asparagus Fern | Japanese Beetle, Asparagus Beetle,<br>Lygus Bug          | Dust lightly. Apply to the fern<br>stage of asparagus plant after<br>speer harvest when adult stage<br>of the asparagus beetle, lygus<br>bugs and the adult stage of the |
|                |  | Japanese beetle are present.   |
|                |  |  |
| Roses          | <br>Beet Armyworm, Cabbage Looper, Omniverous Leafroller | Dust lightly.  |

## TREE CROPS

## DIRECTIONS FOR APPLICATION

Dust lightly, using a dust gun or rotary duster.

| CROP    | TARGET PEST  | REMARKS  |
|---------|--|--|
| Apples  | Aphid, Redbanded Leafroller, Obliquebanded Leafroller, Plum Curculio, White Apple Leafhopper, Spotted Tentiform Leafminer, | Dust lightly. Do not apply after petal fall.   |
|         | Tarnished Plant Bug  |  |
| Peaches | Peach Twig Borer, Oriental Fruit Moth, Green Fruitworm, Lesser Peachtree Borer, Plum Curculio, Tarnished Plant Bug         | Dust lightly. Apply up to 5 times per season. May be applied until 14 days before harvest. |
| Walnuts | Navel Orangeworm,<br>Codling Moth, Walnut<br>Husk Fly  | Dust lightly. Apply up to 8 times per season. May be applied until 1 day before harvest.   |

#### STORAGE AND DISPOSAL

**STORAGE:** Store in cool, dry place. Do not contaminate feed or foodstuffs by storage or disposal. **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: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling if available, or dispose of 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.

NOTE: CONTROL SOLUTIONS, INC. WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF CONTROL SOLUTIONS, INC. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO CASE SHALL CONTROL SOLUTIONS, INC. BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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