

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

OCT 4 1993

Office of
Prevention, Pesticides and
Toxic Substances

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

Subject: Label Amendment Submission of 06/03/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 51036-60
FUME V SOIL FUMIGANT

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

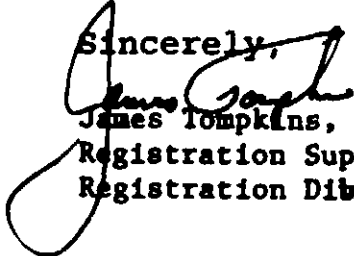
Hand or courier deliveries of final labels may be made to:

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,


James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

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

RESTRICTED USE PESTICIDE

Due to Acute Human and Aquatic Toxicity

For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

**FUME V
SOIL FUMIGANT**

ACTIVE INGREDIENT:

*Sodium methyl dithiocarbamate (anhydrous)	32.7%
INERT INGREDIENTS:	67.3%
TOTAL	100.0%

*32.7% sodium methyldithiocarbamate (anhydrous) is equivalent to 41.7% sodium methyldithiocarbamate dihydrate. This product contains 4.0 lbs. dihydrate (equivalent to 3.1 lbs. of active anhydrous ingredient) per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

DO NOT STORE BELOW 0 DEG. F, OR ABOVE 150 DEG. F

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Give 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or, if available, with syrup of Ipecac.

IF ON SKIN: Flush with plenty of water and apply soothing lotion.

IF INHALED: Get exposed person to fresh air. If breathing has stopped, give artificial respiration by arm lift method, not mouth-to-mouth resuscitation. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes and get medical attention.

EPA Reg. No. 51036-60

EPA Est. No. 51036-GA-1

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

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

OCT 7 1993

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

51036-60

PRECAUTIONARY STATEMENTS
Hazards To Humans and Domestic Animals

WARNING

Harmful if inhaled or swallowed. Irritating to eyes, nose, throat and skin. Avoid breathing vapor or spray mist. Do not get in eyes, on skin, or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

1. Coveralls over long-sleeved shirt and long pants
2. Chemical-resistant gloves, such as barrier laminate or viton
3. Chemical-resistant footwear plus socks
4. Protective eyewear
5. Chemical-resistant headgear for overhead exposure
6. Chemical resistant apron when cleaning equipment, mixing, or loading
7. A respirator with either an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

Engineering Control:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

The closed system or enclosed cabs must be used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)]. The

handler PPE requirements may be reduced or modified as specified in the WPS.

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
3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS

Do not store below 0 degrees F. Product crystallizes at lower temperatures. Warm or store at higher temperatures and mix to redissolve crystals and assure uniformity before use. Read all label directions before using.

CHEMIGATION PROHIBITION

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

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 are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during restricted-entry interval (REI) of 48 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:

1. Coveralls over long-sleeved shirt and long pants
2. Chemical-resistant gloves, such as barrier laminate or vinyl
3. Chemical-resistant footwear plus socks
4. Protective eyewear
5. Chemical-resistant headgear for overhead exposure

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

STORAGE AND DISPOSAL

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

STORAGE INSTRUCTIONS: Storage should be under lock and key in a well-ventilated room and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from any open flame or ignition source. Do not stack over 2 pallets high. Move containers by handles or case. Do not move containers from one area to another unless they are securely sealed. Keep containers tightly sealed when not in use. Keep away from any open flame or ignition source. Avoid storage near water supplies, food, feed, or fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled follow these steps:

1. Contain spill, absorb with a material such as saw dust, granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with water and soap to remove remaining pesticide.
4. Follow washing with clean water rinses.
5. Place a leaking container in a plastic tub and transfer contents as soon as possible to an empty original container.
6. Do not allow run off to enter sewer or contaminate water supplies.
7. Dispose of waste as indicated below.

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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

PRODUCT INFORMATION

FUME V is recommended as a pre-planting soil treatment for the control of many weeds. Soil-borne fungus, diseases, nematodes and symphilids (garden centipedes; in plant beds only). It is recommended for use in plant propagation beds for tobacco, vegetables, and ornamentals; in the field for food and fiber crops, and ornamental plants; in the preparation of new turf areas; and the destruction of old turf prior to reseeding. Vapors formed in moist soil must be properly distributed and contained for an adequate period of time; subsequently, the vapors must be dissipated from the soil to permit growth of desirable plants. Therefore, close adherence to recommendations regarding soil preparation, application, sealing, and post-application management is necessary for best results.

USE PRECAUTIONS

Use immediately following dilution. Do not allow to stand in equipment overnight or for extended periods. Flush equipment immediately after use. If subjected to temperatures below 20 degrees F., move container to warm storage until thawed and thoroughly mix before use. Do not apply on any area beneath which roots of desirable plants may extend nor within 3 feet of the drip line of over-hanging trees or shrubs. Do not apply in confined space without adequate ventilation. Do not use in greenhouses where growing plants are present, or where vapors may enter nearby houses containing growing plants. Do not plant areas sooner than indicated as plant injury may result.

TARPING REQUIREMENTS

The use of a tarp is required when FUME V is applied near (within 1/2 mile) populated areas such as residential areas, schools, hospitals, commercial or office buildings, factories, etc. Follow the Tarping Directions section below. When a tarp is used according to directions below, posting is not required.

When the area to be treated is more than a 1/2 mile from populated areas such as residential areas, schools, hospitals, commercial or office buildings, factories, etc., the use of a tarp is not required. Read and carefully observe the Reentry and Worker Safety Statement on this label.

TARPING DIRECTIONS

1. Before applying metam-sodium (FUME V), always thoroughly cultivate the area to be treated, breaking up clods and loosening soil deeply and thoroughly a week before treatment, moisten soil after cultivation to the desired depth. If the soil has crusted, cultivate lightly immediately before application. Then:

a. Lightly sprinkle with water the area to be treated before applying metam-sodium.

b. Apply metam-sodium uniformly over the area.

c. Immediately sprinkle treated area with water to seal soil. Sprinkle to point of run-off.

NOTE: DO NOT ALLOW WATER TO RUN-OFF OF TREATED AREA AS PLANTS ADJOINING AREAS MAY BE DAMAGED.

d. Immediately cover treated area with a plastic tarp:

e. Weight the tarp down around the edges to prevent wind-inadvertent removal of tarp.

NOTE: WEIGHTS MUST BE HEAVY ENOUGH TO DETER ANIMALS AND CHILDREN

f. Do not remove tarp for 48 hours.

SOIL PREPARATION

Before applying FUME V, cultivate soil thoroughly; break up clumps and prepare soil surface as for planting. Soil should be maintained at planting moisture for at least 3 to 5 days before application to permit proper penetration of the liquid and maximum distribution of the vapors. If soil has crusted, cultivate lightly just prior to application. Do not apply to dry soil. Do not apply when soil temperature at a depth of 2 inches is less than 60 degrees F. or more than 90 degrees F., nor when air temperature exceeds 90 degrees F.

DOSAGE RATES

In general, higher application rates are required to control weeds than are needed for the control of fungus diseases, nematodes and symphilids. For light sandy or sandy loam soils of good tilth and drainage, use the lower dosage of each range specified below. For heavier soils high in clay and/or organic matter, use the higher dosage.

WEED CONTROL

Use 1 to 1 1/2 quarts per 100 square feet for control of weeds such as pigweed, carelessweed, Lambsquarters, chickweed, Russian knapweed, wild morning-glory, purslane, dandelion, ragweed, Bermuda grass, nutgrass, Johnsongrass and watergrass.

SOIL-BORNE FUNGUS DISEASES

For control of organisms such as species of Rhizoctonia, Fusarium, Pythium, Verticillium, and Phytophthora. In plant beds, use 1/2 to 1 quart per 100 square feet. In fields, use 10 to 40 gallons per acre as a broadcast treatment (when application is made only in rows, use proportionate amount).

NEMATODES, SYMPHILIDS (GARDEN CENTIPEDES) - Use rates specified for soil-borne fungus diseases.

TOBACCO PLANT BEDS (Drench Treatment) - Where possible, treatment is best made in the fall. To prepare beds, apply 2 to 2 1/2

gallons in 100 gallons of water per 100 square yards; immediately follow with a seal of 100 gallons of water. To avoid injury to young tobacco, apply at least 21 days before seeding on light to medium textured soils of good tilth and drainage; for wet, heavier soils, apply at least 30 days before planting. Cultivate lightly (2 inch depth) 7 days after treatment to promote escape of vapors.

METHODS OF APPLICATION

Sprinkling Can: Treat only 100 square feet at a time. Add required amount of FUME V to sprinkling can (see Dosage Rates) fill with water, stir and distribute uniformly over measured 100 square foot area. Immediately sprinkle area with enough additional water to wet surface thoroughly. **Hose Proportioner:** Mix amount of FUME V required to treat 100 square feet in 3 quarts of water, and apply uniformly with a proportioner having a ratio of above 1:15. Immediately sprinkle area with enough additional water to wet surface thoroughly. **Irrigation or Sprinkler:** Use only on a calm day. Wet area by running sprinklers for 5 to 10; then inject into sprinkler system over the next 5 to 10 minutes the proper amount of FUME V required to treat this area. Continue sprinkling for 10 to 30 minutes to seal surface. On very light sandy soil, two or more light sprinklings are preferable to a single heavy application, which may wash the chemical too deeply into the soil.

SOIL INJECTION: Use regular soil fumigation equipment or special knife blade injectors. Apply FUME V diluted or undiluted and inject 6 to 10 inches deep along the planting row using as many injectors as necessary to provide desired width of band. Where soil texture prevents deep injection, space injectors 2 to 4 inches apart and inject 2 to 4 inches deep into well worked soil. Use the soil injection method only on soil of good tilth and planting moisture.

AFTER APPLICATION

Seals: In those cases where soil-surface watering is specified above, it is advisable on very light soils to sprinkle lightly at intervals for a period of 48 hours to keep surface moist enough to seal in the vapors formed when the chemical contacts the moist soil. For extremely porous beds such as straight sand, gravel, or very loose organic soils, special sealing methods such as covering with a tarpaulin may be required. **Dissipation of Vapors:** Cultivate 5 to 7 days after application to promote escape of vapors. On light to medium textured well drained soils, allow an additional 7 to 14 days between this cultivation and planting. On heavy clay or organic soils, allow 14 to 50 days between cultivation and planting. Soil should be free of FUME V odor prior to planting.

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.



**COMPANY
NUMBER** 51036

**PRODUCT
SERIAL NO.** 73

**LABEL
APPROVAL
DATE** 1.4.94



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

JAN 4 1994

Morris Gaskins
MICRO-FLO CO.
P. O. Box 5948
Lakeland, FL 33807

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 06/02/93 in Response to PR Notice 93-7
EPA Reg. No. 51036-73
DIRBROM 8EC

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy-Care Ink on paper that
contains at least 50% recycled fiber

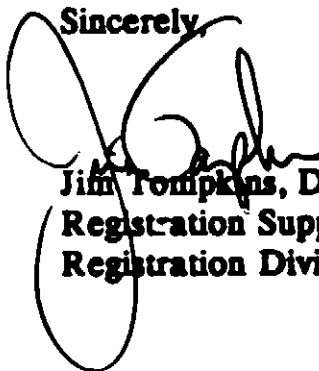
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

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

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

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

MICRO FLO
DIBROM SEC INSECTICIDE
ORGANOPHOSPHATE

ACTIVE INGREDIENTS:

Naled (1,2-dobromo-2,2-dichloroethyl dimethyl phosphate...	58.00%
Aromatic petroleum derivative solvent	20.00%
INERT INGREDIENTS:	22.00%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT
Organophosphate

IF INHALED: Remove victim to fresh air. If not breathing, immediately give artificial respiration, preferably mouth-to-mouth, and maintain until doctor sees victim. If breathing is difficult, give oxygen.

IF IN EYES OR ON SKIN: Immediately flush with plenty of water for at least 15 minutes while removing contaminated personal clothing and shoes to avoid continued possible exposure to victim or persons in attendance.

IF SWALLOWED: Induce vomiting immediately by giving two glasses of water and by touching back of throat with finger. Do not induce vomiting or give anything to an unconscious person. Have victim lie down and keep quiet.

This product is an organophosphorus ester that inhibits cholinesterase.

NOTE TO PHYSICIAN: Naled is a cholinesterase inhibitor. Atropine is antidotal. 2-PAM is also antidotal and may be used in conjunction with atropine. Mucosal damage may occur, and if gastric lavage is indicated, it should be performed cautiously.

See Side Panels For Additional Precautionary Statements

EPA Reg. No. 51036-73

EPA Est. No. 51036-GA-1

Manufactured By
MICRO FLO COMPANY
P. O. Box 5948
Lakeland, FL 33807

ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN 4 1994

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 51036-73

**PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals
DANGER**

Concentrate causes eye and skin damage. Do not get in eyes, on skin or on clothing. May be fatal if swallowed or absorbed through skin. Do not breathe spray mist.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

1. Coveralls over long-sleeved shirt and long pants
2. Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or viton
3. Chemical-resistant footwear plus socks
4. Protective eyewear
5. Chemical-resistant headgear for overhead exposure
6. Chemical resistant apron when cleaning equipment, mixing, or loading
7. A respirator with either an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE seperately from other laundry.

Engineering Control:

Human flaggers must be in enclosed cabs. When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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**
- 3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing**

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Aquatic invertebrates, shrimp and crabs may be killed at recommended application rates. Do not apply to tidal or marsh waters which are important shrimp producing areas. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Consult your State Fish and Game Agency before applying this product to public waters. Permits may be required before treating such waters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds while bees are actively visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE, KEEP OUT OF REACH OF CHILDREN. DO NOT USE OR STORE near heat, open flame, sparks or hot surfaces. USE ONLY IN WELL VENTILATED AREA. Keep container closed. Clean up spills immediately. Liquid evaporates and forms vapor (fumes) which can catch fire and burn with explosive violence. Invisible vapor spreads easily and can be set on fire by many sources such as pilot lights, welding equipment and electrical motors and switches. Fire hazard is greater as liquid temperature rises above 85°F. DO NOT heat this container. Replace cap and bung. Emptied container still contains hazardous or explosive vapor or liquid.

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 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 24 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 over long-sleeved shirt and long pants]
2. Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or viton
3. Chemical-resistant footwear plus socks
4. Protective eyewear
5. Chemical-resistant headgear for overhead exposure

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place. Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Not for use or storage in or around the home. Do not store diluted spray.

PESTICIDE DISPOSAL: This product is acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and

local authorities, by burning. If burned stay out of smoke.

CHEMIGATION PROHIBITION

DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.

APPLICATION

USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING GALLONS WATER PER ACRE UNLESS OTHERWISE NOTED.

GROUND APPLICATION -

Vegetable and Field Crops - 30 to 250 gallons.

Cotton - 3 to 20 gallons.

Deciduous Fruit Crops - 60 to 800 gallons.

Citrus - 400 to 3,000 gallons.

(On young Fruit Plantings - Use a minimum of 15 gallons per acre).
Where Recommended for AIR APPLICATION - Field Crops - 3 to 10 gallons. Begin application at first sign of insects. Repeat as necessary. Do not apply within 4 days of harvest unless otherwise noted. Do not use with highly alkaline materials such as lime or bordeaux.

MIXING DIRECTIONS: Add to spray tank when 1/4 to 1/2 full with agitator running and maintain agitation until spraying is completed.

ALFALFA:

Grasshopper - 3/4 pint per acre when crop is not more than 12" high.

Aphids, Loopers, Leafhoppers, Lygus Bugs, Alfalfa Webworms, Armyworms - 1 pint per acre.

ALFALFA (seed):

Lygus, Mite Suppression (1 application), Mites (2 applications at 7 day intervals).

Thrips - 1/2 pint per acre. Combine with recommended chemicals for residual control.

BY AIR - Use at least 10 gallons water per acre.

BEANS (Dry or Field), SOYBEANS, LIMA BEANS AND PEAS for Processing:
Alfalfa Loopers, Aphids, Spider Mites, Lygus, Leaf Miners:

GREEN BEANS:

Aphids, Spider Mites, Loopers, Nitidulids, Leafhoppers - 1 pint per acre in water to cover, 100 gallons per acre is preferable.

Large Loopers, Stink Bugs - 1 1/2 pints per acre in water to cover.

BROCCOLI, CABBAGE, CAULIFLOWER, BRUSSELS SPROUTS, KALE, COLLARDS:
Imported Cabbage worms, Diamond-Back Caterpillars, Aphids - 1 pint per acre.

Loopers - 2 pints per acre. May be used 1 day before harvest except do not apply to kale and collards within 4 days of harvest.

CELERY:

Aphids, Loopers, Armyworms, Salt Marsh Caterpillars, Leaf miners - Use ground application only with fine mist spray 1 pint in 50 to 75 gallons water per acre on plants less than 3/4 grown. On larger plants use 1 1/2 pints in 100 to 150 gallons water per acre.

COTTON:

Lygus - 1/2 to 1 pint per acre by air or ground.
Leaf Perforators, Fleahoppers, Armyworms, Bollworms, Loopers and for Suppression of Mites - 1 pint per acre by air or ground. Apply at 7 to 10 day intervals while pests persist.
FOR HEAVY POPULATION OF LISTED INSECTS - Use 1/2 pint per acre by air or ground in control programs with other insecticides registered for use on cotton.

CUCUMBERS, SUMMER SQUASH:

Cucumber Beetles, Aphids, Spider Mites, Loopers, Thrips, Armyworms - 1 pint per acre in water to cover.
Pickleworms, Leaf Miners - 1 1/2 pints per acre in water to cover.
BY AIR - Use minimum of 10 gallons water per acre. May be used up to harvest.

EGGPLANT, PEPPERS:

Aphids, Spider Mites, Blister Beetles, Flea Beetles, Whiteflies - 1 pint per acre. May be used up to 1 day before harvest.

SPINACH, CHARD, TURNIP GREENS:

Aphids, Loopers, Armyworms, Salt Marsh Caterpillars, Leaf Miners - Use ground application only with fine mist spray 1 pint in 50 to 75 gallons water per acre on plants less than 3/4 grown. On larger plants, use 1 1/2 pints in 100 to 150 gallons water per acre. May be used 1 day before harvest.

MELONS (Cantaloupe, Honeydew, Muskmelon, Watermelon), PUMPKINS, WINTER SQUASH:

Loopers, Armyworms, Leafhoppers, Spider Mites, Leaf Miners - 1 to 2 pints per acre (200 gallons diluted spray per acre). May be used 1 day before harvest. Do not apply when temperature is over 90°F.

ORANGES, LEMONS, GRAPEFRUIT, TANGERINES:

Aphids, Soft Brown Scale Crawlers, Mites, Citrus Cutworms, Leaf Rollers (Tortrix) - 1 pint to 100 gallons water.
Thrips (Bloom) - 1/2 pint per 100 gallons water. Use up to 7 days of harvest.
(CA and AZ - Do not apply within 1 day of harvest.)

RICE:

Grasshoppers - 1/2 to 3/4 pint per acre. Apply at first sign of insects. Do not make more than 3 applications. May be used 2 days before harvest.

TOBACCO:

Hornworms - 1 pint to 100 gallons water, using up to 200 gallons diluted spray per acre.

Flea Beetles - 1 pint per acre in water to cover. Apply at first signs of insects. Repeat as necessary.

TOMATOES (Field):

Fruit Flies (*Drosophila*) - 1 pint in no less than 40 gallons water per acre with ground sprayer, 7 to 10 gallons by air. Make first application 5 to 7 days before first picking and continue at 5 to 7 day intervals until the day before harvest.

(Field and Greenhouse): Tomato Fruit Worms, Hornworms, Leaf Miners, Flea Beetles, Mites - 1 pint in 100 gallons water. Spray plants thoroughly. For Field-Use up to 200 gallons diluted spray per acre. Do not apply when temperature is over 90 degrees F. May be used 1 day before harvest.

GREENHOUSE, VAPOR TREATMENT OF ROSES, OTHER ORNAMENTAL PLANTS, TOMATOES, CUCUMBERS:

Spider Mites, Adult Whiteflies, Aphids, Leafrollers, Mealybugs-1 fluid ounce per 10,000 cubic feet when plants are dry. Apply undiluted on heat pipes (or in open pans on hot plates). Apply continuously or to intermittent sections of pipe on each side and on 1 or more of the pipes through center of each range depending upon width. Application to cold pipes should be followed by immediately heating pipes to 160 degrees F. In steam heated houses, close vents for at least 1 hour after pipes are hot. With hot water systems, close house for at least 3 hours. House may remain closed overnight following treatment. When application is made to hot pipes, wear goggles and approved respirator. Ventilate house before worker re-enters. Wear respirator when entering treated houses to ventilate. Protect hives of bees in cucumber and other houses by covering with plastic or rubber sheet during treatment and until house is ventilated. Do not apply to tomatoes or cucumbers closer than 1 day before harvest.

Spider Mites (Resistant and Non-resistant). Make 3 to 4 day intervals. Repeat as necessary.

Adult Whiteflies - Make 2 Applications at 7 day intervals. Repeat as necessary.

Aphids - Apply when aphids appear. Repeat as necessary.

NOTE: Avoid overtreatment and direct application to plants as injury may result. White Butterfly and Golden Rapture Roses, Pink Champagne Chrysanthemums, Green Wandering Jew, Poinsettias and Dutchman's Pipe may be injured by Naled vapor. Do not spray on Nectarines, ornamental Cherries, Liquidamber or Chrysanthemums as injury may occur.

FRUIT FLIES: (*Drosophila* sp.)

In and around Food Processing Plants, Loading docks, Cull Piles and Refuse Areas, Cider Mills - Use 2 ounces in 2 1/2 gallons water (5 pints to 100 gallons) as a coarse spray to walls, floors, doorways, windows, refuse and cull piles where insects congregate. Apply

every 5 to 7 days as necessary. Do not apply to cull fruit or refuse piles to be fed to livestock. Avoid contamination of feeds, foodstuffs and food processing machinery. Do not apply when plants are in operation or when foods are present or exposed. Do not spray surfaces which will come into contact with foods. Cover food containers during spraying.

ADULT MOSQUITO, GANT, STABLEFLY (Dog Flies), And HOUSEFLY CONTROL-RESIDENTIAL AREAS, CROPS LISTED ON LABEL, TIDAL MARSHES, SWAMPS, WOODLAND, LIVESTOCK PASTURES, FEED LOTS, AND PASTURES INCLUDING DAIRY CATTLE: Consult your State Fish and Game Agency before applying this product. It is not necessary to avoid farm buildings and dairy barns. Make applications during peak of infestation and repeat as necessary. See crop recommendations for use limitation near harvest. This rate of application will kill shrimp. Do not apply to tidal or marsh waters which are important shrimp producing areas.

CORRALS, ADJACENT PASTURES, HOLDING PENS (Dairy and Beef Cattle, Hogs, Sheep, Horses):
Houseflies, Mosquitoes - Air plant Application - Use 1.6 to 4 fluid ounces per acre. Dilute 1 to 2 1/2 pints in 10 gallons water. Apply 1 gallon diluted spray per acre. Apply over areas with animals present.

CLOVER MITES, ROACHES, EARWIGS AND LEAFHOPPERS:
Outside Dwellings and in Lawns: Use 1 fluid ounce in 3 gallons water. Apply to turf and to soil surfaces around flowers, shrubs, and trees for general pest cleanup.

GRASSHOPPERS:
Rangeland Field Areas (crops listed on Label) and Pastures including dairy pastures: Range Caterpillars and Rangeland and Pastures-1/2 to 3/4 pint per acre by air or ground. By Air - Use in 1 to 5 gallons water per acre. Apply when hoppers hatch is completed. Repeat as necessary. Animals may be present during treatment. See crop recommendations for use limitations near harvest. Forage plants on pastures or field areas should not be cut for hay to be sold or shipped interstate within 4 days of application.

CONDITIONS OF SALE

All statements concerning the use of this product apply only when the product is used as directed. THERE ARE NO WARRANTIES INCLUDING MERCHANTABILITY WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL. Read all directions carefully.