

Revised Labeling (Pending EPA Approval)  
5/22/87  
D. B. Goetchius  
Q. C. Labeling Services, WBD-355

Document 0169g(1)

- Center Panel -

Recommended for Commercial Use Only

AVID® 0.15 EC  
MITICIDE/INSECTICIDE

For Control of Leafminers and Spider Mites  
on Flower Crops, Foliage Plants, and Other  
Non-Woody Ornamental Plants

ACCEPTED  
OCT 13 1987  
U.S. Federal  
Fungicide and Rodenticide Act  
as amended, for the pesticide  
registered under  
EPA Reg. No. 618-96

ACTIVE INGREDIENT

Avermectin B<sub>1</sub> [A mixture of avermectins containing ≥ 80%  
avermectin B<sub>1a</sub> (5-O-demethyl avermectin A<sub>1a</sub>) and ≤ 20%  
avermectin B<sub>1b</sub> (5-O-demethyl-25-de(1-methylpropyl)-25-(1-  
methylethyl) avermectin A<sub>1a</sub>)] ..... 2.0%\*

INERT INGREDIENTS ..... 98.0%

\*1 gallon contains 0.15 pound Avermectin B<sub>1</sub>

KEEP OUT OF REACH OF CHILDREN  
CAUTION

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto  
hasta que la etiqueta haya sido explicada ampliamente.

See Other Panels for Additional Precautionary Statements  
and Statement of Practical Treatment.

EPA EST. NO. 618-HL-001

EPA REG. NO. 618-96

MSD AGVET [logo]  
Division of MERCK & CO., INC.  
Rahway, New Jersey 07065, U.S.A.

AVID REG TM MERCK & CO., INC.

U.S. Pat. 4,310,519

1 QUART

PRODUCT H 06791(US)

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PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION

May be harmful if inhaled. Do not breathe spray mist. Harmful if swallowed or absorbed through the skin. May cause eye irritation. Avoid contact with eyes, skin or clothing. Wear a full body pesticide applicator suit, rubber gloves, boots and mask or pesticide respirator for mixing, loading and spray application. Remove any contaminated clothing and wash before reuse. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

STATEMENT OF PRACTICAL TREATMENT

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth.

Ingestion: Immediately give one or two glasses of water and induce vomiting by gently touching back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

Skin: Wash with plenty of soap and water.

Eyes: Flush with plenty of water.

Get medical attention in all cases.

Recommendations for Medical Treatment for Avermectin B<sub>1</sub> Acute Toxicity:

Early signs of intoxication include mydriasis (dilated pupils), ataxia (unsteadiness) and muscle tremors. Toxicity following accidental ingestion of the concentrate can be minimized by inducing vomiting within one half hour of exposure.

If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parenteral fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels) as indicated by clinical signs, symptoms and measurements.

In severe cases, observations should continue for at least several days until clinical condition is stable and normal. Since avermectin B<sub>1</sub> is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic avermectin B<sub>1</sub> exposure.

For emergency information, call Merck & Co., Inc. (215) 661-7300 during business hours (8:30 am to 4:30 pm EST) or (215) 661-5000 after hours or weekends.

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ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from target areas.

This product 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.

PHYSICAL/CHEMICAL HAZARDS

Do not use or store near heat or open flame.

CONDITIONS OF SALE AND WARRANTY

Notice of Warranty: The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of MSD AGVET or the Seller. Treatment may not be effective if tolerant strains of leafminers or spider mites develop. All such risks shall be assumed by the buyer.

Lot

(Holland's component number)

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MSD AGVET warrants that this product conforms to the chemical description or the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Buyer assumes all risks of use and handling which are at variance in any way with the directions hereon. MSD AGVET makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall MSD AGVET or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. MSD AGVET and the Seller offer this product and the buyer and user accept it, subject to the foregoing Notice of Warranty which may be varied only by agreement in writing signed by a duly authorized representative of MSD AGVET.

#### DIRECTIONS FOR USE

It is a violation of Federal (U.S.A.) law to use this product in a manner inconsistent with its labeling.

AVID 0.15 EC is an emulsifiable concentrate containing 0.15 lb avermectin B<sub>1</sub> per gallon which when mixed with water according to the directions for use will control leafminers and spider mites on flowers, foliage plants and other non-woody ornamentals.

Mix with sufficient water and apply as a foliar spray to obtain uniform coverage. For spider mites, apply when mites first appear and repeat as necessary to maintain control. For leafminers, apply as needed and repeat applications at 7-day intervals or as necessary to maintain control.

Not for Aerial Application.

#### SHADEHOUSE, GREENHOUSE, AND FIELD-GROWN FLOWERS, FOLIAGE PLANTS AND OTHER NON-WOODY ORNAMENTALS:

<u>Pests</u>	<u>fl oz/100 gal</u>	<u>Comments</u>
<u>Spider Mites</u> <sup>1</sup>	<u>4</u>	Do not apply more than 16 fl oz or less than 8 fl oz per acre. Use in sufficient water to obtain uniform plant coverage.
<u>Leafminers</u> <sup>2</sup>	<u>8</u>	

<sup>1</sup>/Apply, for example, in 200 to 400 gallons of water per acre. In volumes of water below 200 gallons, use a minimum of 8 fl oz per acre. If more than 400 gallons of water per acre are required for good plant coverage, apply a maximum rate of 16 fl oz per acre. For example, if 650 gallons of water are required, use 2.5 fl oz per 100 gallons.

<sup>2</sup>/Apply, for example, in 100 to 200 gallons of water per acre. In water volumes below 100 gallons, use a minimum of 8 fl oz per acre. If more than 200 gallons of water per acre are required for good plant coverage, apply the maximum rate of 16 fl oz per acre. For example, if 400 gallons of water are required, use 4 fl oz per 100 gallons.

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AVID has been evaluated for phytotoxicity on a wide range of flowers and foliage plants. However, since all combinations or sequences of pesticide sprays including surfactants and adjuvants have not been tested, it is recommended that a small area be sprayed first to make certain that no phytotoxicity occurs. Phytotoxicity has been observed following the use of AVID on certain species of ferns (e.g. Adiantum spp). It is, therefore, recommended that AVID not be used on ferns.

STORAGE AND DISPOSAL

Storage: Store in a tightly closed container in a cool, dry place.

Prohibitions: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

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) and dispose in an incinerator or landfill approved for pesticide containers.

Key for pages 1 - 5: (italics)  
(bold type)