

618-98

PM15

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<p>US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460</p> <p><b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</p>	<p>EPA REGISTRATION NO. 618-98</p>	<p>DATE OF ISSUANCE JUL 25 1989</p>
<p>TERM OF ISSUANCE Until March 31, 1992.</p>		
<p>NAME OF PESTICIDE PRODUCT Agri-Mec 0.15 EC</p>		
<p>NAME AND ADDRESS OF REGISTRANT (Include ZIP code)</p> <p><input type="checkbox"/> Merck Sharp &amp; Dohme Research Laboratories Division of Merck &amp; Company, Inc. Hillsborough Road Three Bridges, New Jersey 08887</p> <p style="text-align: right;">181 28248405 181 2</p> <p style="text-align: right;"><b>BEST AVAILABLE COPY</b></p>		
<p><b>NOTE:</b> Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>This product is conditionally registered in accordance with FIFRA section 2(c)(7)(A) and (P) for a period not to exceed March 31, 1992 since you have agreed in writing to:</p> <ol style="list-style-type: none"> <li>1. Submit the following data and progress reports required by the deadlines listed below from studies conducted in accordance with the Good Laboratory Practice Standards (40 CFR Part 160) and appropriate test guidelines as referenced in EPA's Data Requirements for Registration (40 CFR Part 159).       <ol style="list-style-type: none"> <li>A. Fish Life Cycle Test Guideline Number 725-5 First progress report due - June, 1990 Second progress report due - December, 1990 Final report due - October, 1991</li> <li>B. Mesocosm Aquatic Study Guideline Number 722-7 First progress report due - June, 1990 Final report due - October, 1991</li> </ol> </li> </ol> <p><input type="checkbox"/> ATTACHMENT IS APPLICABLE</p>		
<p>SIGNATURE OF APPROVING OFFICIAL</p> <p><i>[Signature]</i></p>		<p>DATE 7/25/89</p>

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AGRI-MEK® 0.15 EC - For Citrus  
1 Gallon Label

April 20, 1989  
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**RESTRICTED USE PESTICIDE**  
Toxic to Fish Mammals and Aquatic Organisms  
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

FRONT PANEL

AGRI-MEK® 0.15 EC

MITICIDE/INSECTICIDE

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

7-25-89

**ACTIVE INGREDIENT**

Avermectin B<sub>1</sub> [A mixture of avermectins containing  
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>

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered with EPA Reg. No. 618-98

KEEP OUT OF REACH OF CHILDREN

**WARNING**

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

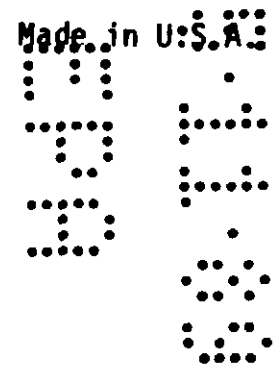
See Other Panels for Additional precautionary Statements  
and Statement of Practical Treatment.

Lot

EPA EST. NO. 39578-TX-1  
EPA REG. NO. 618-\_\_\_\_\_

U.S. Pat. 4,310,519

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



1 GALLON

PRODUCT 68824

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. May be harmful if inhaled. Do not breathe spray mist. Harmful if swallowed or absorbed through the skin. Avoid contact with skin. Wear protective clothing including long sleeve shirt, long trousers, rubber gloves, and goggles or face shield when mixing and loading. During spray application, wear long sleeve shirt, long trousers, and rubber gloves. 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

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

If swallowed: 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.

If on skin: Wash with plenty of soap and water.

If in eyes: Flush with plenty of water.

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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 a.m. to 4:30 p.m. EST) or (215) 661-5000 after hours or weekends.

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#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Keep out of lakes, ponds or streams. Do not contaminate water when disposing washwaters or rinsate.

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.

#### REENTRY STATEMENT

Do not reenter treated areas until sprays have dried.

#### PHYSICAL/CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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#### DIRECTIONS FOR USE

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

AGRI-MEK 0.15 EC is an emulsifiable concentration which will control citrus rust mite, broad mite, and twospotted spider mite when applied according to the directions for use. Apply using conventional dilute or concentrate ground sprayers calibrated to deliver sufficient water for thorough coverage. Gallonage of spray will vary with size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good mite control. Applications should be made with a minimum of 0.20% oil in the spray mixture or not less than 1.0 gallon of oil per acre.

Apply when mite pressure appears at prebloom, at fruit set or during late season.

Crop	Pests	For Dilute <sup>a/</sup>	For Concentrate <sup>b/</sup>
		Sprays	Sprays
		fl oz/100 gal	fl oz/acre
Citrus	Citrus rust mite	1 - 2	10 - 20
	Broad mite		
	Twospotted spider		
	mite		
Paraffinic		Minimum 0.2%	Minimum 1 gal/acre
Spray Oil			

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- a/ The rate of AGRI-MEK 0.15 EC per 100 gallons is based on a standard volume of 1000 gallons per acre dilute spray. If less than 1000 gallons of dilute spray per acre are applied, use a minimum of 10 fl oz per acre in the appropriate volume to obtain good coverage. Do not exceed 20 fl oz AGRI-MEK per acre per application.
- b/ For concentrate sprays, adjust the dosage to apply an amount per acre equal to that used in full cover dilute spray. Use a minimum of 10 fl oz per acre in sufficient water to obtain thorough coverage.

**USE RESTRICTIONS**

- Do not apply within 7 days of harvest.
- Do not apply more than 60 fl oz per acre in any 12 month period.
- Always apply in combination with spray oil as directed.
- Do not apply this product through any type of irrigation system.

**S T O R A G E   A N D   D I S P O S A L**

**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:** Pesticide spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal (U.S.A.) law. If these wastes cannot be disposed of by the 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) and dispose in an incinerator or landfill approved for pesticide containers.

**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 spider mites develop. Use of alternate treatments should be considered if treatment with AGRI-MEK proves ineffective. All such risks of use shall be assumed by the buyer.

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MSD AGVET warrants that this product conforms to the chemical description on 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 or 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 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.

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