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618-95  
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CENTER PANEL

Product 00012

ABAMECTIN TECHNICAL

(AN INSECTICIDE FOR FORMULATION USE ONLY)

Active Ingredient

Avermectin B<sub>1</sub> - A mixture of Avermectin A<sub>1a</sub>, 5-O-demethyl-  
and Avermectin A<sub>1a</sub>, 5-O-demethyl-25-de(1-methylpropyl)-25-  
(1-methylethyl)- .....70%

Inert Ingredients .....25%

Related Compounds .....5%

CAS-65195-55-3

CAS-65195-56-4

Keep Out of Reach of Children.

DANGER - POISON



STATEMENT OF PRACTICAL TREATMENT

If Ingested - Immediately give one or two glasses of water and induce vomiting by gently touching 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. If not breathing, give artificial respiration, preferably mouth-to-mouth.

If on Skin - Wash with plenty of soap and water.

If in Eyes - Flush with plenty of water. Get medical attention in all cases. (Show the label where possible.)

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Lot

Assay Weight

Drum

Net Weight

EPA Establishment No. 618-PA-1

EPA Registration No. 618-95

MSD AGVET [logo] Division of MERCK & CO., Inc.

RAHWAY, NEW JERSEY 07065, U.S.A.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUL 30 1980

Bold Copy

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

618-95

**LEFT SIDE PANEL**

For 24-hour emergency information regarding spills, leaks, exposure or accidents contact CHEMTREC 1-800-424-9300.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**INSTRUCTIONS TO FORMULATORS**

This technical product may be used for the manufacture of insecticide bait formulations and for insecticide/miticide formulations for use on the following crops: ornamental plants, citrus and cotton. Formulators using this product are responsible for obtaining Environmental Protection Agency Registration for their formulated products. Refer to MERCK & CO., Inc. Technical Bulletins for formulation instruction and other information.

**DIRECTIONS FOR USE**

IT IS A VIOLATION OF FEDERAL (U.S.A.) LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH THIS LABELING. THIS PRODUCT IS FOR THE FORMULATION OF INSECTICIDE BAITS AND AGRICULTURAL INSECTICIDE/MITICIDE SPRAY FORMULATIONS AND IS NOT FOR RESALE UNDER THIS LABEL.

**STORAGE AND DISPOSAL**

**STORAGE:** Store ABAMECTIN TECHNICAL in a cool, dry place away from food, drink and animal feeding stuffs. If spilled, do not flush to waterways (see ENVIRONMENTAL HAZARDS). Carefully collect and containerize spilled material in a manner that produces the least amount of airborne dust. Suitable protective equipment should be worn during any spill cleanup operation (see PRECAUTIONARY STATEMENTS). Residual surface material may be removed with towels moistened with methanol.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. 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 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:** Polyliner (plastic bag): Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner. Metal Container: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

**RIGHT SIDE PANEL**

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**DANGER**

**FATAL IF SWALLOWED.**

Harmful if absorbed through skin.

Avoid contact with eyes, skin and clothing.

Wash thoroughly with soap and water after handling and before eating or smoking.

Do not breathe dust.

Keep container tightly closed.

Keep away from food, drink, and animal feeding stuffs.

The following protective clothing must be worn during all handling and formulation operations: Airline mask or air supplied hood, chemical resistant goggles and gloves, full body garments with shoe protectors and head cover. Disposable clothing is recommended.

**RECOMMENDATIONS FOR MEDICAL TREATMENT FOR AVERMECTIN B<sub>1</sub> ACUTE TOXICITY:**

Early signs of intoxication include dilation of pupils, muscular incoordination and tremors. Toxicity following accidental ingestion of the technical product can be minimized by induced 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.

In cases of human exposure, for 24-hour 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.

**NOTICE OF WARRANTY**

MSD AGVET warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes for which it is sold, subject to the inherent risks referred to. 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 any other express or implied warranty. In no case shall MSD AGVET be liable for consequential, special or indirect damages resulting from the use or handling of this product. MSD AGVET offers 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.