

81598-1

11/9/2010

10/5



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

NOV 09 2010

Dr. Frank E. Sobotka  
IPM Resources LLC  
agent for Rotam Ltd.  
4032 Crockers Lake Blvd, Suite 818  
Sarasota, FL 34238

re: Rotam Abamectin Technical, EPA Reg. # 81598-1  
label amendment submitted 10/5/2010, revised 10/26/2010 (D# 441283)  
accepted (10/26/2010 version)

Dear Dr. Sobotka:

The revised labeling reference to above, submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is ACCEPTABLE.

This amendment expands the list of crops which can be treated with end-use products manufactured from this technical. Stone fruit, tree nuts, et al were added.

Submit two (2) copies of your final printed labeling incorporating the above changes prior to releasing your product for shipment. If the above provisions are not complied with the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A copy of the label stamped "accepted" is enclosed for your records. If you have any questions please contact Tom Harris at (703) 308-9423 or [harris.thomas@epa.gov](mailto:harris.thomas@epa.gov)

Sincerely yours,

A handwritten signature in black ink, appearing to read "John Hebert", with a long horizontal line extending to the right.

John Hebert  
Product Manager  
Insecticide Rodenticide Branch  
Registration Division (7505C)  
[Hebert.John@epa.gov](mailto:Hebert.John@epa.gov)  
(703) 308-6249

enclosure

2085

# Rotam® Abamectin Technical

## An Insecticide For Formulation Use Only

**ACTIVE INGREDIENT:**

Abamectin (CASRN: 65195-55-3 and 65195-56-4).....	98.0%
Other Ingredients.....	2.0%
<b>Total.....</b>	<b>100.0%</b>

EPA Reg. No. 81598 - 1

EPA Est. No.: 069821-CHN-006

ACCEPTED

NOV 09 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:

EPA. Reg. No: 81598-1

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**  **PELIGRO**  
**POISON**

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

<b>FIRST AID (Avermectin B<sub>1</sub>)</b>	
If Inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration preferably mouth-to-mouth, if possible.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
If Swallowed	<ul style="list-style-type: none"> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not give anything by mouth to an unconscious person.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
If On Skin Or Clothing	<ul style="list-style-type: none"> <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 further treatment advice.</li> </ul>
If In Eyes	<ul style="list-style-type: none"> <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 further treatment advice.</li> </ul>
<p align="center"><b>NOTE TO PHYSICIAN</b></p> <p><b>Recommendations for Medical Treatment for Avermectin B<sub>1</sub>, Acute Toxicity:</b> Early signs of intoxication include dilation of pupils, muscular incoordination, and tremors. Toxicity following accidental ingestion of the technical product can be minimized by including vomiting within one-half hour of exposure.</p> <p>If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive measures (such as maintenance of blood pressure levels) as indicated by clinical signs, symptoms, and measurements.</p> <p>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.</p>	
<p align="center"><b>HOT LINE NUMBER</b></p> <p><b>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</b></p> <p align="center">For Emergency Medical attention call your local Poison Control Center.</p>	

Manufactured by:  
Rotam LTD  
7/F., Cheung Tat Centre  
18 Cheung Lee Street  
Chai Wan, Hong Kong  
1-866-927-6826

NET CONTENTS  
GROSS WEIGHT: 50 kg (110.23 lb)

# PRECAUTIONARY STATEMENTS

## Hazardous to Humans and Domestic Animals



Fatal if inhaled. May be fatal if swallowed or absorbed through skin. Causes moderate eye irritation. Do not breathe dust. Do not get in eyes, on skin, or on clothing. 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. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**Environmental Hazards**

This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters, unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

### DIRECTIONS FOR USE

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

#### Instructions to Formulators

Formulators using this product are responsible for obtaining Environmental Protection Agency registration for their formulated products. This technical product may be used only for formulation of end-use insecticides/miticides/nematicides for the uses listed below.

1. Agricultural crops

Terrestrial Food Crops

- Apples, avocados, celeriac, citrus fruit crop group 10, citrus orchard floor, cotton, cucurbit vegetables crop group 9, fruiting vegetables except cucurbits crop group 8, herb subgroup 19A except chives, hops, leafy vegetables except *Brassica* crop group 5, , mint (peppermint and spearmint), pears, pistachios, stone fruit crop group 12, strawberries, tuberous and corm vegetables subgroup 1C, and tree nuts crop group 14

Terrestrial Non-Food Crop Use

- Alfalfa grown for seed.

2. Agricultural premises not accessible to livestock and around equipment

Indoor Non-Food, Terrestrial Non-Food

- Around barns, chicken houses, and agricultural equipment.

3. Commercial and Industrial use

Indoor, Terrestrial Non-Food

- In and around commercial, institutional, and industrial premises such as warehouses, hotels, motels, resorts, apartment buildings, food storage areas, meat packing and food processing plants, food handling establishments, supermarkets , restaurants, non-patient occupied areas of hospitals and nursing homes, schools, commercial transportation equipment such as buses, boats , ships, trains, aircraft except aircraft cabins, utility conduit, and utility boxes.

4. Household

Domestic indoor and outdoor use

- In and around residential buildings such as homes, apartments, garages, sheds, storage buildings, and other household and domestic structures.

5. Livestock

Terrestrial Food

- Cattle ear tags

6. Ornamental plants

Terrestrial Non-Food, Greenhouse Non-Food

- Ornamental herbaceous plants, ornamental woody shrubs and vines, ornamental and/or shade trees, ornamental non-flowering plants, and Christmas tree plantations.

7. Turf and other outdoor areas

Domestic Outdoor, Terrestrial Non-Food

- Ornamental lawns and turf, commercial sod farms, golf courses. Non-cropped areas such as landscapes, recreation areas such as fairgrounds, race tracks, tennis courts, and parks .

8. Other uses

- Uses for which the USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration excluding any use strictly prohibited by this label.
- Uses for experimental purposes that are in compliance with the USEPA's requirements.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store Abamectin Technical in a cool, dry place away from food, drink, and animal feeding stuffs. Do not store longer than 3 months from the date of purchase. If spilled, do not flush to waterways (see Environmental Hazards). Carefully connect 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 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 HANDLING AND DISPOSAL**

**Fiber Drums with Polyliner (plastic bag):** Non-refillable container. Do not reuse or refill this container. Completely empty liner into application equipment. Then offer for recycling if available or dispose of liner in a sanitary landfill or by any other procedures approved by State and local authorities. If drum is contaminated, dispose of in the same manner as its liner.

**Plastic Containers < 5 gallon:** Non-refillable container. Do not refill or reuse this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into formulation equipment. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into formulation equipment or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling. If available, or puncture and dispose of in a sanitary landfill, or dispose of by any other procedures approved by state and local authorities.

**Plastic Containers > 5 gallon:** Non-refillable container. Do not refill or reuse this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into formulation equipment. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other side and tip it back and forth several times. Empty the rinsate into formulation equipment or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by any other procedures allowed by state and local authorities.

For minor spills, leaks, etc. follow all precautions indicated on this label and clean up immediately. Suitable protective equipment should be worn during any spill cleanup operation (see Precautionary Statements). Carefully collect and containerize spilled material in a manner that produces the least amount of airborne dust. Residual surface material may be removed with towels moistened with methanol. Take special care to avoid contamination of equipment and facilities during clean up and disposal of wastes.

**EMERGENCY RESPONSE**

**For 24 - hour emergency information regarding spills, leaks, exposure, or accidents, call: CHEMTREC 1-800-424-9300**

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**NOTICE:** Read the entire Directions for Use and Conditions for Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is possible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of this product, which are beyond the control of ROTAM LTD, or Seller. The Buyer and User shall assume all such risks, and Buyer and User agree to hold ROTAM LTD and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, ROTAM LTD warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to proper instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or ROTAM LTD, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ROTAM LTD MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR NEITHER A PARTICULAR PURPOSE NOR ANY OTHER EXPENSES OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

To the extent consistent with applicable law, ROTAM LTD or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ROTAM LTD AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ROTAM LTD OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

ROTAM LTD and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sales and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of ROTAM LTD.