

11678-5

05/30/1985

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1/5

Makhteshim-Agan (America) Inc.
Two Park Avenue
New York, N.Y. 10016

MAY 30 1985

Dear Sir:

SUBJECT: Lifting the Notice of Intent to Suspend
Registrations of Certain Products
Containing Endosulfan dated May 2, 1985
Amendments-Delete Alfalfa (seed crops) use
Delete watercress and forestry uses
Your submission received May 23, 1985

A Notice of Intent to Suspend the registrations of your products listed in the Attachment was issued on May 2, 1985, for failure to submit endosulfan residue data on alfalfa (seed crops).

The Environmental Protection Agency has determined that you have complied with the requirements which served as the basis of the above-mentioned Notice of Intent to Suspend by submitting amended labeling deleting the use pattern alfalfa (seed crops) within the 30 day period allowed. Therefore, the Notice of Intent to Suspend will not become an Order of Suspension of the registrations of the products listed in the Attachment and is hereby lifted.

It is noted that the submitted labeling also deletes the specific use patterns watercress and forestry, including felled logs, as a further refinement of your deletion of the general sites aquatic food crops and forestry from your labeling that was accepted by the Agency December 21, 1984.

The amendments referred to above, submitted in connection with registrations under FIFRA Sec. 3(c)(7)(A), are acceptable, provided that you make the label changes listed below before you release the products listed in the Attachment for shipment bearing the amended labeling:

1. On the supplemental labeling, rearrange the general headings and associated specific uses. Only the list of specific fruit and nut trees should appear under the heading Tree Fruit and Nut Crops, the specific field and vegetable crops under the heading Field and Vegetable Crops, and ornamental plants and ornamental trees and shrubs (with specific listing) under the heading Domestic Outdoor Use. The proposed listing of ornamental plants and tomatoes under the heading Greenhouse Uses is acceptable.

CONCURRENCES							
SYMBOL	T5-767C						
SURNAME	Platt						
DATE	5/28/85						

2. The new referral sentence on the container label should be relocated to appear as the second sentence of the paragraph, i.e. immediately after the listing of general sites.

Stamped copies of the amended container labels and the associated supplemental labeling for the products listed in the Attachment are enclosed for your records. Any product released for shipment 90 days after the date of this letter must bear the amended label and the revised supplemental labeling. Please submit five (5) copies of the actual finished label and supplemental labeling prior to release for shipment.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division

Enclosure

Attachment - List of affected products

ATTACHMENT

<u>EPA Reg. No.</u>	<u>Product Name</u>
11678-5	Thionex (Endosulfan) Technical
11678-24	Thionex (Endosulfan) 50% W.P.
11678-25	Thionex (Endosulfan) 35 E.C.
11678-26	Thionex (Endosulfan) 35% W.P.

PRECAUTIONARY STATEMENTS

Hazards to Humans (6 Domestic Animals)

POISON

Poisonous if swallowed, or absorbed through the skin. May be fatal if inhaled. Do not get in eyes, on skin or on clothing. Wear natural rubber gloves, protective clothing and goggles. In case of contact, wash immediately with soap and water. During manufacturing, wear a respirator jointly approved by the Mine Safety and Health Administration (MSHA) and the National Institute for Occupational Safety and Health (NIOSH) for pesticide application under the provisions of 30 CFR Part 11. Wash hands, arms and face thoroughly with soap and water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this ingredient into lakes, streams, ponds, estuaries, oceans or public waters. This product is specifically identified and addressed in NPDES permit. Do not discharge effluent containing this product into sewage systems without providing notification to the Sewage District Authority. For guidance, contact your state water board or regional office of EPA.

DIRECTIONS FOR USE

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

For the formulation of insecticides and acaricides for greenhouse use, tree fruit and nut crops, field and vegetable crops, and domestic outdoor use only. Refer to technical bulletins THI-T and THI-ATF/1 for further information on specifications of Thionex (Endosulfan) Technical. See supplemental label for complete list of crops.

Formulators using this product are responsible for obtaining EPA registration for their formulated product.

STORAGE AND DISPOSAL

Storage: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Disposal:

Pesticide: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, 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.

In case of minor spills, follow all precautions indicated above and cleanup immediately. Sweep up and dispose of wastes and broken or empty containers in a landfill approved for pesticide use.

Container: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

THIONEX (ENDOSULFAN) TECHNICAL

For the formulation of insecticides and acaricides only.

4/5

ACTIVE INGREDIENT:

Endosulfan
(Hexachlorohexahydromethano-2,4,3-benzodioxathiepin-3-oxide) 95%

INERT INGREDIENTS: 5%
Total 100%

KEEP OUT OF REACH OF CHILDREN

DANGER POISON



Statement of Practical Treatment

Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

If inhaled - remove from contaminated area and have patient lie down and keep quiet.

If on skin - remove contaminated clothing and wash skin immediately with soap and warm water.

If in eyes - wash with flowing water for at least 15 minutes.

See side panel for additional precautionary statements.

Notice to Physicians: Endosulfan is a central nervous system stimulant and may cause convulsions. There is no specific antidote. Barbituric acid derivatives may be used in treatment.

Warranty Statement:

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instruction or under abnormal conditions or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

Manufactured by:

MAKHTESHIM CHEMICAL WORKS, LTD.
c/o Makhteshim-Agan (America) Inc.,
2 Park Avenue, New York, N.Y. 10016.
EPA Reg. No. 11678-5
EPA Est. No. 11678-1S-01

RQ ENDOSULFAN NA 2761



ACCEPTED
EPA letter dated
MAY 30 1985
Federal Insecticide,
Fungicide, and Rodenticide Act,
regulated under
EPA Reg. No. 11678-5

SUPPLEMENTAL LABEL FOR COMPLETE LIST OF CROPS FOR THIONEX (ENDOSULFAN) TECHNICAL EPA Reg. No. 11678-5

FOR FORMULATION INTO END-USE INSECTICIDE PRODUCTS FOR THE FOLLOWING USES:

A. Outdoor Tree Fruit and Nut, Field and Vegetable Crops Domestic Outdoor Uses:

- Alfalfa grown for forage
- Almonds
- Apples
- Apricots
- Artichokes
- Barley
- Beans (succulent & dry, except lima)
- Blueberries
- Broccoli
- Brussels sprouts
- Cabbage
- Carrots
- Cauliflower
- Celery
- Cherries
- Cherry nursery stock dip
- Citrus (non-bearing trees & nursery stock)
- Collards
- Corn seed crop
- Corn (sweet corn, fresh vegetable use only)
- Cotton
- Cucumbers
- Eggplants
- Filberts
- Grapes
- Kale
- Lettuce
- Macadamia nuts
- Melons
- Mustard greens
- Nectarines
- Oats
- Ornamental plants

- Ornamental trees and shrubs i.e. Boxelder
- Dogwood
- Lilac
- Douglas fir
- Pines (Austrian, Jack, Red, Scotch, White)
- Shade trees (except birch)
- Spruce
- Taxus
- Peaches
- Peach nursery stock dip
- Pears
- Peas (succulent & seed)
- Pecans
- Peppers
- Pineapples
- Plums
- Plum nursery stock dip
- Potatoes
- Prunes
- Pumpkins
- Rape seed
- Rye
- Safflower
- Spinach
- Squash (summer and winter)
- Strawberries
- Sugar beets
- Sugarcane
- Sunflower
- Sweet potatoes
- Tea
- Tobacco
- Tomatoes
- Turnip greens
- Walnuts
- Wheat

B. Greenhouse Uses:

- Ornamental plants
- Tomatoes

ACCEPTED with COMMENTS EPA Letter Dated:

MAY 3 0 1985

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

11678-5

