

SEP - 8 1986

Ralph Hodosh, Ph.D.  
Makhteshim-Agan (America) Inc.  
Two Park Avenue  
New York, NY 10016

Dear Dr. Hodosh:

Subject: Amendment - Update Labeling  
Thionex (Endosulfan) Technical  
EPA Registration No. 11678-5  
Your submission dated August 29, 1986

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. It should be noted that 40 CFR 162.10 requires that the signal word POISON must be printed in red ink. Also, in the Environmental Hazards section, revise "without providing notification to the Sewage District Authority" to "without previously notifying the sewage treatment plant authority".

A stamped copy of the label is enclosed for your records. Please note that this acceptance of updated labeling does not constitute a Notice of Reregistration for the subject product.

Sincerely yours,

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

# THIONEX

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## ENDOSULFAN TECHNICAL

SEP - 8 1986

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### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS POISON

Poisonous if swallowed, inhaled or absorbed through skin. 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 Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Keep all unprotected persons and beneficial animals out of operating area or vicinity where there may be danger of drift. Wash hands, arms and face thoroughly with soap and hot water before eating or smoking. Wash all contaminated clothing with soap and hot water before re-use.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans or public waters unless 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 manufacture of insecticides and acaricides for greenhouse use, tree fruit and nut crops, field and vegetable crops, and domestic outdoor use only.

See right panel for complete list of crops.

Refer to technical bulletins THI-T and THI-ATF/1 for further information on specifications of Thionex (Endosulfan) Technical.

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

### 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.

FOR THE  
MANUFACTURE OF INSECTICIDES AND ACARICIDES ONLY

### 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

**IF SWALLOWED** - 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.

Manufactured by:

MAKHTESHIM CHEMICAL WORKS LTD.

c/o Makhteshim-Agan (America) Inc.

2 Park Ave., New York, N.Y. 10016

MADE IN ISRAEL

RO ENDOSULFAN NA 2761

EPA Reg. No 11678-9

EPA E.L. No 11678-1S-01

Net Weight: 125 kg

### STORAGE AND DISPOSAL

**STORAGE:** Do not contaminate water, food or feed. Open dumping is prohibited.

**DISPOSAL:** Pesticide wastes are acutely hazardous. If spilled, a pesticide, spray mixture, or rinseate is a violation of Federal law and cannot be disposed of by use according to local, State, or Federal Pesticide or Environmental Control Agency, or at the nearest EPA Regional office for guidance. Follow the precautions indicated above and clean up immediately. Do not reuse, store, or break or empty containers in a land disposal unit.

**Containers:** Completely empty bags into equal or larger bags in a sanitary landfill or by incineration, at the discretion of local, State, or Federal authorities, by burning. If burned, stay out of smoke. **Metal Drums:** If drum is contaminated, triple rinse, recycle, or condition, or puncture and burn in accordance with other procedures approved by State and local authorities.

FOR FORMULATION INTO END - USE IN ACCORDANCE WITH FOLLOWING USES:

A. Outdoor Tree Fruit and Nut Crops  
Almonds, Apples, Apricots, Cherries, Citrus (non bearing tree and nursery stock), Nectarines, Peaches, Peach nursery stock, Prunes, Teas, Walnuts.

B. Field and Vegetable Crops  
All crops grown for forage, Artichokes, Barley, Beans, Blueberries, Broccoli, Brussel sprouts, Cabbage, Calfmars, Corn seed crop, Corn (sweet), Cucumbers, Eggplants, Grapes, Kales, Lettuce, Onions, Peas (succulent and seed), Peppers, Potatoes, Rye, Safflower, Spinach, Squash, Sugar beets, Sugar cane, Sunflower, Turnip greens, Wheat.

C. Ornamental Plants, Trees and Shrubs: Dogwood, Lilac, Douglas fir, Pines (All types), Shade Trees, Spruce, Tamarisks.

D. Greenhouse Uses  
Ornamental plants, Tomatoes.