

PM 03 34704-799

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

34704--
799

Date of Issuance:

APR - 2 1998

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product:

Endosulfan Technical

Name and Address of Registrant (include ZIP Code):

Platte Chemical Company
P.O. Box 667
Greeley, CO 80632

Note: Changes in labeling 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 EPA registration number.

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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Reg. No. 34704-799".
 - b. In the ingredients statement, in the formula name for endosulfan add "3-" before "oxide".

Signature of Approving Official:

Date:

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c. In the **Statement of Practical Treatment**, revise the **If inhaled** advice to read "Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention." Add "Get medical attention." to the end of the **If on skin** advice.

d. In the first sentence of the **Note to Physician** revise "by clothing," to "by mouth,".

e. Revise the **Hazards to Humans and Domestic Animals** to read:

Fatal if swallowed, inhaled, or absorbed through skin. Do not breath vapors. Do not get in eyes, on skin, or on clothing. During formulating and loading operations wear clean synthetic rubber gloves, protective clothing (such as coveralls, socks and shoes), protective eyewear, and a pesticide respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). Wash thoroughly with soap and water after handling and before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

[At your option, you may choose to retain your current "In case of contact immediately remove contaminated clothing and flush skin with plenty of water. Get medical attention." as the last sentences of this section even though they do repeat information presented in the **Statement of Practical Treatment**.]

f. Revise the **Environmental Hazards** to read as follows:

This pesticide is toxic to fish, birds, and other 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 into sewer systems without previously notifying the sewage treatment plant authority. For Guidance contact your State Water Board or Regional Office of the EPA.

g. Relocate "Endosulfan Technical may be used only for the preparation of endosulfan insecticides. Before using for this purpose, manufacturers should contact Platte Chemical Co. for manufacturing and safe handling instructions." to be the first item under the heading **FORMULATOR INFORMATION**.

- h. Relocate "Formulators using this product are responsible for obtaining EPA Registration for their formulated product." to appear directly after the relocated text of item "g", above.
- i. Relocate the information of your first two current paragraphs of the **FORMULATOR INFORMATION** into the **STORAGE AND DISPOSAL** section, such that the **PESTICIDE STORAGE** section will read as follows:

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry, well-ventilated place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. The solid technical is sensitive to moisture, acids, and bases. Decomposition will generate sulfur dioxide and endosulfan alcohol. Care should be exercised by workers entering the storage area since there is a possibility that sulfur dioxide may be present. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

- j. Based on telephone communication, the Agency notes that your original application declared in error the types of container as "plastic" and "paper" but you intend, instead, to package in a metal drum which can be tightly closed as directed in the **PESTICIDE STORAGE** directions.
- k. Relocate the sentence "Endosulfan Technical is stable when stored under proper well ventilated storage conditions." to appear after the relocated text of item "h", above. In this new location, slightly revise that sentence so that it reads "Endosulfan Technical is stable when stored under proper well ventilated storage conditions (see **PESTICIDE STORAGE** directions, above)."
- l. The label refers manufacturers to Platte Chemical Company for manufacturing and safe handling instructions. Are these written down in the form of a Technical Bulletin? If so, please forward a copy of the bulletin for inclusion in this product's registration file.
- m. Group all the fruits together on this label. Revise the heading "Tree Fruit and Nut crops" to **OUTDOOR FRUIT AND NUT CROPS:** and then incorporate Blueberries, Grapes, Pineapples, and Strawberries (in their correct alphabetical location) under this heading from the current **FIELD AND VEGETABLE CROPS:** listing. Filberts already appears in the fruit and nut crops

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listing, delete it from the field and vegetable crops listing.

- n. In the **FIELD AND VEGETABLE CROPS:** listing, delete the following unsupported uses: "Alfalfa Grown for Forage", "Artichokes", "Peas(Seed)", "Safflower", "Sugar Beets", and "Sunflower".
 - o. Be sure to meet type size requirements for elements of the label with minimum type size requirements.
3. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions 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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
34704-799

ENDOSULFAN TECHNICAL

An Insecticide for Formulating Use Only

Active Ingredient:		
Endosulfan (Hexachlorohexahydromethano-2,4,3-benzodioxathiepin oxide)	95.0%
Inert Ingredients:	5.0%
	Total.....	100.0%

EPA Reg. No. 34704-

EPA Est. No. 34704-NB-01
EXP 03/97

Net Weight:

KEEP OUT OF REACH OF CHILDREN



DANGER - POISON

See Other Panels for Additional Precautionary Information

REC'D EPA/S/P/DPD1
97 MAR 11 P2:10

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or poison control center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to a person who is unconscious or convulsing.

If inhaled: Remove victim to fresh air. Apply respiration if indicated.

If on skin: Remove contaminated clothing and wash affected areas with soap and water.

If in eyes: Flush eyes with plenty of water. Call a physician immediately.

Note to Physician: Endosulfan is a central nervous system stimulant absorbable by clothing, inhalation, or through contact with skin. It may cause convulsions. There is no specific antidote. Diazepam I.V. is the drug of choice. Barbituric acid derivatives such as Phenobarbital may be used additionally. A neuromuscular blocking agent may be used if convulsions persist. This type of drug may be used *only* if complete control of respiration can be maintained. Epinephrine derivatives are absolutely contraindicated.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Fatal if swallowed, inhaled, or absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Wear clean clothing. During formulating and loading operations, wear clean synthetic rubber gloves and a pesticide respirator jointly approved by the MSHA (Mine Safety and Health Administration) and NIOSH (National Institute for Occupational Safety and Health) under the provisions of 30 CFR Part II. In case of contact immediately remove contaminated clothing and flush skin or eyes with plenty of water. Get medical attention.

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ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds, and other 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 a National Pollution Discharge Elimination Systems (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 the nearest Regional Office of the Environmental Protection Agency (EPA).

DIRECTIONS FOR USE

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

Endosulfan Technical may be used only for the preparation of endosulfan insecticides. Before using for this purpose, manufacturers should contact Platte Chemical Co. for manufacturing and safe handling instructions.

STORAGE AND DISPOSAL

Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact. Isolate area and keep out animals and unprotected children. Confine spills.

To confine spill, if liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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 Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures. Do not cut or weld containers.

FORMULATOR INFORMATION

Endosulfan Technical is stable when stored under proper well ventilated storage conditions. The solid technical is sensitive to moisture, acids and bases. Decomposition will generate sulfur dioxide and endosulfan alcohol.

Endosulfan Technical should be stored in a well ventilated area. All drums should be kept tightly capped. Caution should be exercised by workers entering the storage area since there is a possibility that sulfur dioxide may be present.

For Formulation into End-Use Insecticide Products for the Following Uses:

Tree Fruit and Nut Crops:

Apples, Apricots, Cherries, Cherry Nursery Stock Dip, Citrus (Non-Bearing Trees & Nursery Stock), Filberts, Nectarines, Peaches, Peach Nursery Stock Dip, Pears, Pecans, Plums, Plum Nursery Stock Dip, Prunes, Walnuts

Field and Vegetable Crops:

Alfalfa Grown for Forage, Artichokes, Barley, Beans (Succulent and Dry, Except Lima), Blueberries, Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Collards, Cotton, Cucumbers, Eggplant, Filberts, Grapes, Kale, Lettuce, Melons, Mustard Greens, Oats, Peas (Seed), Peppers, Pineapples, Potatoes, Pumpkins, Rye, Safflower, Spinach, Squash (Summer and Winter), Strawberries, Sugar Beets, Sunflower, Sweet Corn (Fresh Use Only), Sweet Potatoes, Tea, Tobacco, Tomatoes, Wheat

Ornamental Outdoor Use:

Ornamental Plants; Ornamental Trees and Shrubs, i.e., Dogwood, Douglas Fir, Lilac; Pines (Austrian, Jack, Red, Scotch, White); Shade Trees (Except Birch); Spruce; Taxus

Greenhouse Use:

Ornamental Plants, Tomatoes

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

NOTICE

PLATTE CHEMICAL CO. WARRANTS THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLE FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. PLANT 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 PLATTE CHEMICAL CO. IN NO CASE SHALL PLATTE CHEMICAL CO. BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE CHEMICAL CO. MAKES NO WARRANTIES, GUARANTEED, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE CHEMICAL CO.'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

**PLATTE CHEMICAL CO.
150 SOUTH MAIN STREET FREMONT, NEBRASKA 68025-5697**