

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Willard F. Cummings
U.S. Registration Manager
Crop Protection Research & Development
Uniroyal Chemical Company, Inc.
74 Amity Road
Bethany, Connecticut 06525

Subject: Terraclor 6.5% With Thimet 6.5% G
EPA Reg. No. 400-412
RE: Label Amendment (Rate limitations)
Your Letter Dated February 22, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

- * Please amend the subject label to delete the feeding restriction on treated cotton "hay". Cotton "hay" is not currently considered a significant feed item and no other tolerances are established for any pesticide in or on cotton "hay".

Please refer to the attached review for additional comments and contact me if you have any questions.

Sincerely yours,

Robert J. Taylor
Product Manager (25)
Fungicide-Herbicide Branch
Registration Division (H7505C)

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CONCURRENCES

SYMBOL	H7505C						
SURNAME	S. Taylor						
DATE	5/27/92						

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RESTRICTED USE PESTICIDE
Due to acute oral and dermal toxicity and avian hazards.
For retail sale to and use only by Certified Applicators, or
persons under their direct supervision, and only for those uses covered by the
Certified Applicator's Certification.

TERRACLOR® 6.5%

WITH
THIMET® 6.5%
GRANULAR

SOIL FUNGICIDE — SYSTEMIC INSECTICIDE

**UNIROYAL
CHEMICAL**

Highlighted
Copy

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

May 28 - 42

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

400-412

NOT FOR USE OR STORAGE IN OR AROUND THE HOME.
COMPOSITION

Active Ingredients: (% by weight)	BEST AVAILABLE COPY
Pentachloronitrobenzene (PCNB)	6.5 %
Phorate [O,O-diethyl-S-[(ethylthio) methyl] phosphorodithioate]	6.5 %
Inert Ingredients	87.0 %
Total:	100.0 %

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749

EPA REG. NO. 400-412

EPA EST. NO.

TERRACLOR is a Registered Trademark of Uniroyal Chemical Company, Inc.

THIMET is a Registered Trademark of American Cyanamid Company

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002

NET WEIGHT

Red →



KEEP OUT OF REACH OF CHILDREN

PELIGRO

DANGER — POISON



POISONOUS BY SKIN CONTACT, INHALATION OR SWALLOWING.
ABSORBED THROUGH SKIN. REPEATED INHALATION OR SKIN CONTACT MAY, WITHOUT
SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO THIMET POISONING.
ATROPINE AND 2-PAM ARE ANTIDOTES FOR THIMET. CALL A PHYSICIAN IMMEDIATELY
IN ALL CASES OF SUSPECTED POISONING

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF SPLASHED IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention

IF SPILLED ON SKIN: Immediately remove contaminated clothing. Wash with soap and plenty of water. If symptoms of poisoning develop, send for a physician.

IF INHALED: Remove to fresh air; if abnormal symptoms develop, contact a physician.

PHYSICIAN'S NOTE: Warning symptoms include weakness, headache, tightness in chest, blurred vision, nonreactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps

TREATMENT: Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine. Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically. Repeated exposure to cholinesterase inhibitors may, without warning, cause increasing susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has taken place as determined by blood tests.

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Do Not Breathe Dust, Do Not Get In Eyes, On Skin, Or Clothing. In case of contact, immediately remove contaminated clothing and wash skin thoroughly with soap and water. **PERSONAL PROTECTIVE EQUIPMENT: WEAR THE FOLLOWING PROTECTIVE CLOTHING DURING LOADING, APPLICATION, EQUIPMENT REPAIR/CLEANING, AND DISPOSAL OF THE PESTICIDE.** A protective suit of one or two pieces covering all parts of the body except head, hands, and feet; chemical resistant gloves; chemical resistant shoes, shoe coverings, or boots. Wear goggles and a pesticide respirator approved by NIOSH or MSHA.

Unless a chemical resistant protective suit is otherwise required, mixers/loaders must wear a chemical resistant apron and goggles or a face shield.

The respirator need not be worn during equipment repair and cleaning and during early reentry after dust has settled. IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATE: Long-sleeved shirt and long-legged pants; shoes and socks. Chemical resistant gloves must be available in the cab or cockpit and must be worn when exiting. This clothing is inadequate to protect you during equipment repair or cleaning, reentry, or pesticide disposal work. Do not allow contaminated clothing to come in contact with the insides of the cab.

IMPORTANT! If pesticide comes in contact with skin, wash off with soap and water. Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or using the toilet.

AFTER WORK: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear clean clothes. Do not reuse contaminated clothing. Personal clothing worn during work must be laundered separately from household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirator. Clothing and protection equipment heavily contaminated must be destroyed according to state and local regulations. **HEAVILY CONTAMINATED CLOTHING CAN NOT BE ADEQUATELY DECONTAMINATED.** Consult Worker Safety Rules and Reentry statements for further precautions.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and wildlife. Birds feeding in treated areas may be killed. Do not apply directly to water or wetlands (Swamps, bogs, marshes, and potholes). Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Collect or incorporate granules that are spilled during loading or are visible on soil surface in turn areas. Do not contaminate water when disposing of equipment washwaters.

WORKER SAFETY RULES

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR. Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point, no further exposure should be allowed until it has been determined by means of blood tests that the cholinesterase level has returned to normal. Before using this product consult the National Pesticide Telecommunications Network for recommendations regarding such blood tests, poisoning management, emergency treatment, and other information regarding the toxicity of phorate. The toll free number for the National Pesticide Telecommunications Network is 1-800-858-7378.

If handled indoors provide mechanical exhaust ventilation.

Keep all unprotected persons, children, livestock, and pets away from treated areas or where there is danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in anyway, STOP work and get help right away. See First Aid (Practical Treatment) section.

REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

After dusts have settled, do not enter or allow entry into the treated area until the 48 hour reentry interval has expired, unless the person entering the treated area is wearing the personal protective equipment listed below for early reentry.

For early reentry into treated areas wear a protective suit of one or two pieces covering all parts of the body except head, hands, and feet; chemical resistant gloves and chemical resistant shoes, shoe coverings, or boots.

Because certain states may require more stringent reentry intervals for certain crops treated with this product, consult your state department of Agriculture for further information.

Applied pesticides may be a danger to workers who are exposed to them. Therefore, workers should be notified of the application of this product. The following information should be provided to workers: 1. Name of the pesticide. 2. Date of application. 3. Location of application. 4. Name of the applicator. 5. Name of the employer. 6. Name of the applicator's supervisor. 7. Name of the applicator's employer. 8. Name of the applicator's employer's representative. 9. Name of the applicator's employer's representative. 10. Name of the applicator's employer's representative.

"DANGER" This area to be treated with this product. Do not enter without appropriate protective equipment. Do not breathe application. Do not enter until the applicator has notified you.

Statement of Practical Treatment portion of the pesticide label for first aid recommendations."

DIRECTIONS FOR USE ON COTTON

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

For control of damping-off (*Rhizoctonia solani*) and for early season control of thrips, aphids and mites.

Apply as a soil in-furrow application at planting time with a granular pesticide applicator properly calibrated to assure accurate placement and proper dosage.

Application Method	Lbs./drill row per acre	Lbs./1300 linear feet of row based on 40 inch spacing
DRILL PLANTING	15	15
HILL-DROP PLANTING	5	25

Apply only at planting time.

Do not exceed 2 lbs. of PCNB active ingredient per acre in any one season applied as spray or granular formulations.

Do not plant root crops in treated fields within 12 months of application.

Do not feed treated hay or forage to livestock.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store in a dry location. Once a bag is opened, use it completely.

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 nearest EPA Regional Office for guidance. Do not store or use pesticides near children.

CONTAINER DISPOSAL: Empty containers must be triple rinsed or otherwise cleaned and recycled if possible. Do not reuse or refill containers. Do not burn or incinerate containers. Do not reuse or refill containers.

IMPORTANT NOTICE: This pesticide is a restricted use pesticide. It is a violation of Federal Law to use this pesticide in a manner inconsistent with its labeling. This pesticide is a restricted use pesticide. It is a violation of Federal Law to use this pesticide in a manner inconsistent with its labeling. This pesticide is a restricted use pesticide. It is a violation of Federal Law to use this pesticide in a manner inconsistent with its labeling.