

PM 25 PS 1/3

411-411

MAY 21 1993

Mr. Willard F. Cummings
Uniroyal Chemical Co., Inc.
74 Amity Rd.
Bethany, CT 06524-3402

Dear Mr. Cummings:

Subject: Change in Use Rate on Cotton
TERRACLOR® 6.5% Plus Di-Syston® 6.5% Granular
EPA Reg. No. 400-411
Your submission dated May 10, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,

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

Enclosure

RD:RTaylor:eja:5/21/93:3056800



PS 293

TERRACLOR® 6.5%

PLUS Di-Syston® 6.5%

GRANULAR

SOIL FUNGICIDE — SYSTEMIC INSECTICIDE

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 21 1993

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

400-411

UNIROYAL CHEMICAL

COMPOSITION

Active Ingredients: (% by weight)	
Pentachloronitrobenzene (PCNB)	6.5%
Disulfoton: O,O-Diethyl S-[2-(ethylthio) ethyl] phosphorodithioate*	6.5%
Inert Ingredients	87.0%
Total:	100.0%

*U.S. Patent No. 2,759,010.

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749
EPA REG. NO. 400-411
EPA EST. NO.

004

NET WEIGHT

KEEP OUT OF REACH OF CHILDREN
PELIGRO
DANGER — POISON



POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH THE SKIN.
RAPIDLY ABSORBED THROUGH SKIN. REPEATED INHALATION OR SKIN CONTACT MAY, WITHOUT SYMPTOMS, PROGRESSIVELY INCREASE SUSCEPTIBILITY TO DISULFOTON POISONING.
ATROPINE AND 2-PAM ARE ANTIDOTES FOR DI-SYSTON. 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 explicada amparante.

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 back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or unresponsive person.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES: Flush with plenty of water. Call a physician immediately.

NOTE TO PHYSICIAN: Warning symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

ANTIDOTE: 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.

BEST AVAILABLE COPY

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
DANGER**

11383

Poisonous if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. 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. Wear freshly laundered long-sleeve work clothes daily. Wash thoroughly with soap and water before eating or smoking. Bathe at the end of the work day and change outer clothing. While transferring material from package to equipment, and during mixing/loading/application operations, wear a hat, goggles, face shield or equivalent, gloves (natural rubber), long-sleeved shirt, long pants, socks, shoes, and a pesticide respirator jointly approved by the Mine Safety Health Administration and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Leather or fabric gloves are not acceptable. Rinse gloves with water before taking them off, then wash your hands. Check gloves for cuts or holes. If the gloves are damaged, dispose of properly, and get a new pair. Rubber gloves should be washed with soap and water after each use. Do not wear the same gloves for other work. Destroy or replace gloves frequently. Clothing worn while loading, mixing and applying this product must be laundered separately from other clothing before reuse. Keep all unprotected persons out of the operating area.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic organisms and wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and run-off from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water when disposing of equipment washwaters. Cover or incorporate spills. This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

DIRECTIONS FOR USE

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

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.

Do not allow reentry into treated fields within 24 hours of application unless appropriate protective clothing is worn.

Because certain states may require more restrictive reentry intervals for various crops treated with this product consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written or oral warnings must include the following information:

"DANGER" "Area to be treated with Terraclor with Di-Syston on (date of application). Do not enter without appropriate protective clothing until 24 hours after application. If accidentally exposed, consult the Statement of Practical Treatment portion of the pesticide label for first aid recommendations."

COTTON

For control of damping-off (*Rhizoctonia solani*) and early season control of thrips, aphids and mites, apply at planting time as a soil in-furrow application, near seeds and over covering soil while using a suitable applicator properly calibrated to assure accurate placement and proper dosage levels.

The higher use rate should be used under the following conditions:

1. fields have a heavy disease inoculum history
2. soils are cold or wet
3. no or low till programs are utilized

Application Method	Rate of Formulation	
	Lbs./drill row per acre	Lbs./1300 linear feet of row based on 40 inch spacing
DRILL PLANTING	12 to 15	1.2 to 1.5
	In California:	
	15	1.5
HILL-DROP PLANTING	4 to 5	0.4 to 0.5
	In California:	
	5	0.6

Soil temperature, moisture and till should be favorable for good germination and emergence. Systemic insecticides, however, can possibly damage seed germination or stunting of seedlings under adverse conditions such as extremely cool or wet, or extremely dry weather. Such damage may be more pronounced in light, sandy soils or when used in conjunction with certain pre-emergence herbicides.

USE PRECAUTIONS

While emptying bags into equipment, pour downwind and allow as little free fall as possible. Do not pour at face level and do not allow dust to reach the breathing zone.

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 PCNB treated fields within 12 months of broadcast and banding applications unless PCNB is registered for use on those crops.

Do not feed treated forage to livestock.

STORAGE AND DISPOSAL

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

STORAGE: Store in a dry location.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide spray mixture, or residue 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: 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.

IMPORTANT NOTICE—Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but does not warrant for any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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