

JAN 13 1995

Mr. Robert M. Sielaty
Agent
UCB Chemical Corporation
2001 Jefferson Davis Highway, Suite 1010
Arlington, VA 22202

Dear Mr. Sielaty:

Subject: UCB Thiram 65
EPA Registration No. 45728-24
Application Dated November 24, 1994, Request
To Amend Registration To Meet EPA Worker
Protection Standard and Revise Labeling

The proposed labeling submitted with the subject application has been reviewed and is acceptable under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended provided that you:

1. Delete the phrase "For terrestrial uses" from the last sentence in the "Environmental Hazards" Section of the proposed label.
2. Submit one (1) copy of the final printed label prior to releasing product bearing this label.

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 labeling is enclosed for your records.

The revised Confidential Statement of Formula submitted on EPA Form 8670-4 and dated November 29, 1994 has been reviewed and is acceptable under the Act. It has been filed in this Agency's records for this product. It should be noted that this product is over-formulated by about 1.98% a.i.

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

E.Wilson:Di kette A C9:01-13-95

BEST AVAILABLE COPY



Thiram 65™

Wettable Powder Fungicide

EPA Reg. No. 45728-24

EPA Est. 44672-CA-1

Active Ingredient:	
Thiram (Tetramethylthiuram disulfide).....	65.0%
Inert Ingredients:.....	35.0%
	TOTAL 100.0%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique detallada.
(If you do not understand the label, find someone to explain it to you in detail.)

ACCEPTED
with COMMENTS
In EPA Letter Dated

For agricultural use only or for sale, to use, and storage by service persons only. Do not store in areas accessible to children.

See additional precautionary statements on other panels.

STATEMENT OF PRACTICAL TREATMENT

- If Swallowed: Harmful if swallowed. Wash thoroughly after handling.
- If Inhaled: Harmful if inhaled. Avoid breathing dust. Remove contaminated clothing and wash before reuse.
- If On Skin: Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.
- If In Eyes: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

For emergencies involving a Spill, Leak, Fire, Exposure or Accident, contact: CHEMTREC (800) 424-9300.
For other emergencies, phone: (404) 801-3248 or (404) 433-5241.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May irritate eyes, nose, throat and skin. Harmful if inhaled or swallowed. Do not inhale dust or spray. Avoid contact with skin, eyes, and clothing.

The consumption of alcoholic beverages increases the toxic effects of Thiram.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering controls statements:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

with COMMENTS
In EPA Letter Dated

JAN 13 1995

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

45728-24

User Safety Recommendations:
User should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
- Wear dust-mist filtering respirator (MSHA/NIOSH approval number pre-TC-21C).

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate water when disposing of equipment washwaters. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS:
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

BEST AVAILABLE COPY

103

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS.

NOTICE OF WARRANTY

UCB CHEMICALS CORPORATION MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

UCB Thiram 65™ is a trademark of UCB Chemicals Corporation.

©1994 UCB Chemicals Corporation

1/11/94 PB

EPA Reg. No. 45728-24

EPA Est. No. 44872-CA-01

USE PRECAUTIONS

Do not rotate treated crops with crops other than those with registered Thiram uses.

Application Rates and Recommendations

UCB Thiram 65 may be washed into the spray tank through a deep screen or be made into a thick paste by mixing with a little water and diluting, then pouring into the spray tank while filling. Addition of a Spreader-Sticker to the spray tank will promote uniform coverage on foliage and fruit.

Use Thiram 65 at 1-1/2 to 2 lbs. per 100 gals. of water, unless otherwise stated, employing higher dosage when disease conditions are severe and reducing to lower dosage when situation is normal for disease development. Observe all cautions and limitations on labeling of all products used in mixtures.

APPLES: Scab-Applv as protective fungicide in pre-bloom, calyx and early cover sprays. Use 1 to 1-1/2 lbs. per 100 gals. in later cover sprays.

As a dust (in New England States only) - Use a mixture containing 7.5% to 10% Thiram (4.88% to 6.5% active) mixed with a suitable diluent such as talc or pyrophyllite applying at the rate of 35 to 40 lbs. per acre. Good coverage of foliage and developing fruit is required for best results. (Timing same as for sprays).

Cedar Apple Rust - Apply in pre-bloom, calyx and first cover sprays. If recommended by local authorities, apply a special bloom spray at a reduced rate of 3/4 lb. per 100 gals. of water. Keep foliage and fruit covered during infection periods. Rates of application of dusts (New England States only) for rust control are the same as for scab, and time is same as given above for sprays.

Other Apple Diseases - For control of Black Rot (fruit and foliage), Fly Speck, Sooty Blotch, Bitter Rot, Brooks Spot, Apple Blotch, Botryosphaeria Spot, and Black Pox - Make spray applications as indicated for scab control since these are effective in controlling the other diseases listed. Whenever weather conditions favor disease, shorten interval between applications. Thiram is a protective fungicide; hence, applications are most effective when made in advance of infection periods.

STRAWBERRIES: Thiram Fungicide is recommended for use on strawberries for control of Gray Mold (Botrytis). As a spray, use 2 to 2-1/2 lbs. UCB Thiram 65 per 100 gals. of water; apply at rates up to 200 gals. per acre. As a dust, use a prepared dust containing 7.5% to 10% UCB Thiram 65 (4.88% to 6.5% active) mixed with a suitable diluent such as talc or pyrophyllite, at the rate of 40 lbs. per acre. Make 3 to 5 applications at 10 day intervals beginning at early blossom stage. Good coverage of strawberry buds, blossoms and developing fruit is required for best results. If applied within 3 days of picking, remove residues by washing.

CALIFORNIA ONLY: For control of Gray Mold on strawberries. As a spray, use 2 to 2-1/2 lbs. UCB Thiram 65 per 100 gals. of water; apply at rates up to 200 gals. per acre. Begin application at early blossom stage. Repeat at 10 day intervals as needed. Good coverage of strawberry buds, blossoms and developing fruit is required for best results. Do not apply within 3 days of picking.



Chemicals Corporation
2000 Lake Park Drive
Smyrna, Georgia 30080

BEST AVAILABLE COPY

STORAGE AND DISPOSAL:
PRECAUTIONS: Do not contaminate water, food or feed by storage or disposal.
STORAGE: Keep pesticide in original container. Do not reuse container. Store in cool, dry place. Protect from excessive heat.
For emergencies involving a Spill, Leak, Fire, Exposure or Accident, CONTACT CHEMTREC (800) 424-9390.
For other emergencies, phone (404) 801-3248 or (404) 433-6241.
DISPOSAL: Do not dispose of product (or container) in or near any body of water. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or waste 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.
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.