



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
260146

Application for Pesticide - Section I

|   |   |  |
|---|---|--|
| 1. Company/Product Number<br>45728-24   | 2. EPA Product Manager<br>C. Parker   | 3. Proposed Classification<br><input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name)<br>Thiram 65  | PM#<br>22   |  |
| 5. Name and Address of Applicant (Include ZIP Code)<br>UCB Chemicals Corporation<br>2000 LAKE PARK DR.<br>SMYRNA, GA 30080<br><input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to:<br>EPA Reg. No. _____<br>Product Name _____ |  |

Section - II

Amendment - Explain below.

Resubmission in response to Agency letter dated \_\_\_\_\_

Notification - Explain below.

Final printed labels in response to Agency letter dated \_\_\_\_\_

"Me Too" Application.

Other - Explain below.

NOTIFICATION

MAY 28 1999

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission AS PER PR NOTICE 94-8

Section - III

|   |  |  |                                      |  |   |
|---|--|--|--------------------------------------|--|---|
| 1. Material This Product Will Be Packaged In:   |  |  |                                      | 2. Type of Container   |   |
| Child-Resistant Packaging<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No<br><i>certification must be submitted</i>   | Unit Packaging<br><input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No<br>If "Yes" Unit Packaging wgt. 5 lb. | Water Soluble Packaging<br><input checked="" type="checkbox"/> Yes<br><input type="checkbox"/> No<br>If "Yes" Package wgt. 5 lb. | No. per container 6                  | No. per container 6  | Metal<br>Plastic<br>Glass<br><input checked="" type="checkbox"/> Paper CARDBOARD BOX<br>Other (Specify) _____ |
| 3. Location of Net Contents Information<br><input type="checkbox"/> Label <input checked="" type="checkbox"/> Container   |  | 4. Size(s) Retail Container<br>6 x 5 lb.   |                                      | 5. Location of Label Directions<br><input checked="" type="checkbox"/> ON INDIVIDUAL PACKS |   |
| 6. Manner in Which Label is Affixed to Product<br><input checked="" type="checkbox"/> Lithograph<br><input checked="" type="checkbox"/> Paper glued<br><input type="checkbox"/> Stenciled |  |  | <input type="checkbox"/> Other _____ |  |   |

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

|                           |                                  |   |
|---------------------------|----------------------------------|---|
| Name<br>Timothy A. Dotson | Title<br>Regulatory Affairs Mgr. | Telephone No. (Include Area Code)<br>770-801-3212 |
|---------------------------|----------------------------------|---|

**Certification**  
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

|  |  |  |
|--|--|--|
| 2. Signature<br><i>Timothy A. Dotson</i> | 3. Title<br>REGULATORY AFFAIRS MANAGER | 6. Date Application Received (Stamped) |
| 4. Typed Name<br>Timothy A. Dotson       | 5. Date<br>5/14/99                     |  |



# Thiram 65™

2/4



## Wettable Powder Fungicide

### ACTIVE INGREDIENT:

Thiram (Tetramethylthiuram disulfide).....65.0%

INERT INGREDIENTS:.....35.0%

TOTAL 100.0%

EPA Reg. No. 45728-24

EPA Est. 37429-GA-2

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

**Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle.**

**(If you do not understand the label, find someone to explain it to you in detail.)**

### 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.

**ON SKIN:** Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.

**IN EYES:** Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

apples, peaches and strawberries.

UCB's recommendations for the use of this product are based upon tests believed to be reliable. FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, OR ILLEGAL RESIDUES.

### 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.

**CHEMIGATION:** Do not apply this product through any type of irrigation system.

### 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. The consumption of alcoholic beverages increases the toxic effects of Thiram.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Chemical-resistant headgear for overhead exposure

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

#### Engineering control 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.

### ENVIRONMENTAL HAZARDS

**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 prefix TC-21C)

This product 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. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark.

### GENERAL PRODUCT INFORMATION

Thiram 65™ is a broad spectrum fungicide for plant disease control in the culture of

Thiram 65  
05/14/99TAD(EPA05/14/99, CDPRXXX)

### NOTIFICATION WEIGHT:

MAY 28 1999

MANUFACTURED FOR:



**Chemicals**

UCB Chemicals Corporation  
2000 Lake Park Drive  
Smyrna, Georgia 30080

**IMPORTANT:** When spraying, thorough coverage is necessary to provide good disease control. Addition of a spreader/sticker to the finished spray may improve coverage of fruit and foliage. Make fresh spray mixtures for each application.

**MIXING INSTRUCTIONS**

10 lb. Bag:

To mix, fill the spray tank about 2/3 full of water, and with agitator running, slowly sift in the recommended amount of Thiram 65™ into the tank. Alternatively, Thiram 65™ may be washed into the spray tank through a deep screen or made into a slurry by mixing with a little water and diluting, then poured into the spray tank. Finish filling the tank with water and continue agitation until thoroughly mixed. Continue agitation and apply immediately.

5 lb. Water-Soluble Bag:

To mix, fill the spray tank about 2/3 full of water, and with agitator running, open perforated edge of outer package and allow inner water-soluble pack to slide slowly into the water to minimize splashing. Do not introduce outer paper packaging into spray tank since it is not water-soluble. Discard outer packaging in sanitary landfill. Finish filling the tank with water and continue agitation until water-soluble pack is thoroughly dissolved and the tank is mixed. Continue agitation and apply immediately.

**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 PPE, and restricted entry interval. 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:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Chemical-resistant headgear for overhead exposure

**STORAGE AND DISPOSAL**

**Pesticide Storage**

Do not contaminate water, food or feed by storage or disposal. Keep pesticide in original container. Do not reuse container. Store in a cool, dry place. Protect from excessive heat.

**Pesticide 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 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.

Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**TERMS OF SALE OR USE**

On purchase of this product, buyer and user agree to the following conditions:

**Warranty:** UCB makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

For Emergencies Involving a Spill, Leak, Fire, Exposure, or Accident, contact: CHEMTREC at (800) 424-9300.  
For Other Emergencies, phone (770) 801-3248 or (770) 433-8421.

Thiram 65™ is a trademark of UCB Chemicals Corporation.

**MANUFACTURED FOR:**



**Chemicals**

**UCB Chemicals Corporation  
2000 Lake Park Drive  
Smyrna, Georgia 30080**

**SPECIFIC APPLICATIONS FOR THIRAM 65™**

| CROPS   | DISEASES   | POUNDS THIRAM 65™  |  | DIRECTIONS FOR USE  |  |   |
|---------|--|--|--|---|--|---|
|         |  | per acre   | per 100 gal                                    |   |  |   |
| S       | Apple Scab ( <i>Venturia inaequalis</i> )  | 6 to 8 lbs   | 1.5 to 2 lbs(1)                                | Apply at pre-bloom, calyx and early cover sprays.   |  |   |
|         |  | 4 to 6 lbs   | 1 to 1.5 lbs(1)                                | Apply in late cover sprays.   |  |   |
|         | Cedar Apple Rust<br>( <i>Gymnosporangium</i> spp.)   | 6 to 8 lbs   | 1.5 to 2 lbs(1)                                | Apply in pre-bloom, calyx and first cover sprays. Keep foliage and fruit covered during infectious periods.                             |  |   |
|         |  | 3 lbs  | 0.75 lbs(1)                                    | If needed, apply at bloom.  |  |   |
|         | Apple Blotch ( <i>Phyllosticta solitaria</i> )<br>Bitter Rot ( <i>Glomerella cingulata</i> )<br>Black Pox ( <i>Helminthosporium papulosum</i> )<br>Black Rot on fruit and foliage<br>( <i>Botryosphaeria obtusa</i> )<br>Brook's Spot ( <i>Mycosphaerella pomi</i> )<br>Bull's Eye Rot ( <i>Pezicula malicorticis</i> )<br>(Pacific Northwest Only)<br>Fly Speck ( <i>Schizothyrium pomi</i> )<br>Gray Mold Rot ( <i>Botrytis cinerea</i> )<br>Sooty Blotch ( <i>Gloeodes pomigena</i> ) | 6 to 8 lbs   | 1.5 to 2 lbs(1)                                | Apply at pre-bloom, calyx and early cover sprays. Whenever weather conditions favor disease, shorten the interval between applications. |  |   |
|         |  | 4 to 6 lbs   | 1 to 1.5 lbs(1)                                | Apply in late cover sprays.   |  |   |
|         |  | Brown Rot Blossom Blight and<br>Fruit Rot ( <i>Monilinia</i> spp.) | 4.5 to 6 lbs                                   | 1.5 to 2.0 lbs(2)   | For Blossom Blight, apply at 3 to 4 day intervals during popcorn, full bloom and petal-fall to protect newly opened blossoms. For Fruit Rot, apply at petal-fall and two weeks later. Make one or more additional applications at 7-day intervals beginning about one month before harvest, or earlier if rot is apparent on green fruit. Do not apply later than 7 days before harvest. |   |
|         |  |  | Peach Leaf Curl ( <i>Taphrina deformans</i> )  | 4.5 to 6 lbs  | 1.5 to 2.0 lbs(2)  | Apply dormant applications post-harvest in late fall and/or in late winter prior to bud swell.  |
|         |  |  | Rhizopus Rot ( <i>Rhizopus</i> spp.)           | 4.5 to 6 lbs  | 1.5 to 2.0 lbs(2)  | Apply at petal-fall and two weeks later. Make one or more additional applications at 7-day intervals beginning about one month before harvest, or earlier if rot is apparent on green fruit. Do not apply later than 7 days before harvest. |
|         |  |  | Peach Scab ( <i>Cladosporium carpophilum</i> ) | 4.5 to 6 lbs  | 1.5 to 2.0 lbs(2)  | Apply at petal-fall and repeat 3 to 6 times at 10 to 14 day intervals or until disease is well under control. Do not apply later than 7 days before harvest.  |
| BERRIES |  |  | Gray Mold ( <i>Botrytis cinerea</i> )          | 4 to 5 lbs  | 2 to 2.5 lbs(3)  | Beginning at early blossom stage, broadcast 3 to 5 applications at 10 day intervals per crop cycle. Good coverage of strawberry buds, blossoms and developing fruit is required for best results. Do not apply within 3 days of picking.    |

sed on dilute sprays of 400 gallons per acre. Do not apply more than 8 lbs Thiram 65™ per application.  
 sed on dilute sprays of 300 gallons per acre. Do not apply more than 8 lbs Thiram 65™ per application.  
 sed on dilute sprays of 200 gallons per acre. Do not apply more than 5 lbs Thiram 65™ per application.

OT graze or feed cover crops from treated orchards.  
 OT rotate treated crops with crops other than those with registered Thiram uses.