



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
261807

Application for Pesticide - Section I

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

Section - II

Amendment - Explain below. Final printed labels in response to **NOTIFICATION**
Agency letter dated _____
JUN 30 1999

Resubmission in response to Agency letter dated _____ "Me Too" Application.

Notification - Explain below. Other - Explain below.

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

Submission of Final Printed Labeling as per IR Notice 94-8

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
if "Yes" Unit Packaging wgt. <i>5 lb.</i>		No. per container <i>6</i>	if "Yes" Package wgt. <i>5 lb.</i>	<input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Paper
			No. per container <i>6</i>	Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container <i>6 x 5 lb.</i>		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <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 <i>Timothy A. Dotson</i>	Title <i>Regulatory Affairs Mgr.</i>	Telephone No. (include Area Code) <i>770.801-3212</i>
----------------------------------	---	--

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 <i>Timothy A. Dotson</i>	3. Title <i>Regulatory Affairs Mgr.</i>	6. Date Application Received (Stamp)
4. Typed Name <i>Timothy A. Dotson</i>	5. Date <i>6/17/99</i>	



Thiram 65™

2/4

NOTIFICATION

JUN 30 1999

Wettable Powder Fungicide In Water-Soluble Bags

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.

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

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.

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).

ENVIRONMENTAL HAZARDS

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 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.

GENERAL RECOMMENDATIONS

Be sure spray equipment is clean before use. If it is contaminated with any material, crop injury or sprayer clogging may result. Calibrate spray equipment before use.

Use recommended rates for dilute, concentrate, and aerial applications. Ground application is preferred, especially when full canopy of foliage exists. For dilute application, use Thiram 65™ at the recommended rate listed in the "per 100 gallons" column of the Specific Applications table. For concentrate ground application, apply the recommended rate listed in the "per acre" column of the Specific Applications table in a minimum of 20 gallons per acre. For aerial application, apply the recommended rate listed in the "per acre" column of the Specific Applications table in a minimum of 10 gallons per acre.

Applications of Thiram 65™ fungicide are most effective when made before infection periods. Under normal growing conditions, minimum label rates should be used. Maximum label rates and shorter spray intervals are recommended for severe or threatening disease conditions. If you are not familiar with such conditions, get advice from your state agriculture extension service.

MANUFACTURED FOR:



Chemicals

UCB Chemicals Corporation
2000 Lake Park Drive
Smyrna, Georgia 30080

NET WEIGHT: 5 LBS.

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

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 the label and with the other provisions concerning the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural commodities. It is prohibited from use on food and feed crops unless specifically permitted by label directions. It is prohibited from use on food and feed crops unless specifically permitted by label directions. It is prohibited from use on food and feed crops unless specifically permitted by label directions. It is prohibited from use on food and feed crops unless specifically permitted by label directions.

Do not apply or allow workers and the general public to be exposed to the pesticide while it is being applied.

RPE required for early entry in greenhouses and nurseries. Do not enter the treated area until the label has been read, such as:

- Do not enter treated areas and foliage until the label has been read, such as:
- Do not enter treated areas and foliage until the label has been read, such as:
- Do not enter treated areas and foliage until the label has been read, such as:
- Do not enter treated areas and foliage until the label has been read, such as:

STORAGE AND DISPOSAL

Residual Storage:
Do not contaminate water, food or feed by storage or disposal. Store pesticide in original container. Do not store in areas accessible to children, school, 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 pesticide wastes or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your nearest Pesticide 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, as required by State and local authorities, or 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) 301-3242 or (770) 433-6421.

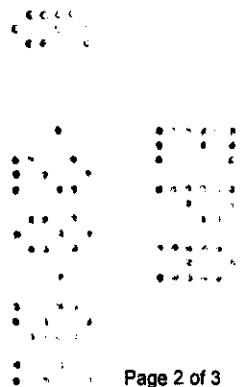
Thiram 65™ is a trademark of UCB Chemicals Corporation.

MANUFACTURED FOR:



Chemicals

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



SPECIFIC APPLICATIONS FOR THIRAM 65™

FRUIT CROPS	DISEASES	POUNDS THIRAM 65™		DIRECTIONS FOR USE		
		per acre	per 100 gal			
APPLES	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 (<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>) Bitter Rot (<i>Glomerella cingulata</i>) Black Pox (<i>Helminthosporium papulosum</i>) Black Rot on fruit and foliage (<i>Botryosphaeria obtusa</i>) Brook's Spot (<i>Mycosphaerella pomi</i>) Bull's Eye Rot (<i>Pezizula malicorticis</i>) (Pacific Northwest Only) Fly Speck (<i>Schizothyrium pomi</i>) Gray Mold Rot (<i>Botrytis cinerea</i>) 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.		
		PEACHES	Brown Rot Blossom Blight and 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.
				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.
				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.
				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.
STRAWBERRIES	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.		

(1) Based on dilute sprays of 400 gallons per acre. Do not apply more than 8 lbs Thiram 65™ per application.
 (2) Based on dilute sprays of 300 gallons per acre. Do not apply more than 6 lbs Thiram 65™ per application.
 (3) Based on dilute sprays of 200 gallons per acre. Do not apply more than 5 lbs Thiram 65™ per application.

DO NOT graze or feed cover crops from treated orchards.
 DO NOT rotate treated crops with crops other than those with registered Thiram uses.