



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Timothy M. Formella
Cerexagri, Inc.
630 Freedom Business Center, Suite 402
King of Prussia, PA 19406

MAY 27 2003

Subject: Ziram Manufacturing Use Product
EPA Reg. No. 4581-261
Your amendment dated September 18, 2002

Dear Mr. Formella:

The Agency has completed its review of the five acute toxicity studies that were submitted in connection with the registration of the subject product under the Federal Insecticide, Fungicide and Rodenticide Act as amended. These studies have been found to be acceptable. A copy of the Agency's Technical Review Memorandum dated March 28, 2003 is enclosed for your records.

The Technical Review Memorandum noted that verification of the study cited by you to fulfill the dermal sensitization requirement was only done over the phone by the Fungicide Branch. You must confirm in writing that you are citing MRID 41643003 to fulfill this requirement.

The subject labeling submitted in accordance with the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made to the label:

1. FIRST AID: It is suggested that you add a HOTLINE number for emergency medical treatment information.
2. PRECAUTIONARY STATEMENTS:
 - Add the following sentences to the first paragraph: "Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash clothing before reuse."
 - Under PERSONAL PROTECTIVE EQUIPMENT, change "Waterproof gloves" to "Chemical resistant gloves made of any waterproof material."
 - Under HANDLER SAFETY RECOMMENDATIONS, add the following sentence: "Wash thoroughly with soap and water after handling."

Ziram Manufacturing Use Product
Page 2 of 2

3. STORAGE AND DISPOSAL:

- Storage Instructions: change this subheader to "Pesticide Storage"
- Pesticide Disposal Instructions: change this subheader to "Pesticide Disposal"
- Container Disposal Instructions: change this subheader to "Container Disposal"

One copy of the label stamped "Accepted with comments" is enclosed for your records.

Please submit one copy of the final printed label before the product is released for shipment.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,



Dennis McNeilly
Acting Product Manager (22)
Fungicide Branch
Registration Division (7505C)

enclosure

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
MAY 27 2003**

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

4581-261 ZIRAM
Manufacturing Use Product

ACTIVE INGREDIENT:

Ziram (Zinc dimethyldithiocarbamate).....98.0%

OTHER INGREDIENTS:..... 2.0%

TOTAL.....100.0%

KEEP OUT OF REACH OF CHILDREN

PELIGRO DANGER

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

EPA Reg. No. 4581-261

EPA Est. No. 72096-ITA-001

Net Weight: _____

Sold by:
Cerexagri, Inc.
630 Freedom Business Center
Suite 402
King of Prussia, PA 19406

FUNGICIDE FOR FORMULATING USE ONLY

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

For use only by manufacturers in the formulation of fungicides. This product may be formulated only for use on the following: almonds, apples, apricots, blackberries, blueberries, cherries, grapes, pears, peaches, nectarines, pecans, tomatoes, and ornamentals.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

DANGER

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. MAY BE FATAL IF INHALED. HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN. Do not breathe dust or spray mist. Avoid contact with eyes, skin, or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Handlers must wear:

Long-sleeved shirt and long pants

Waterproof gloves

Shoes plus socks

Protective eyewear

Dust/mist filtering respirator

- For exposure in enclosed areas, a respirator with an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter.

- For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. 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.

Handler Safety Recommendations:

Handlers 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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams, and ponds. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

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

Storage Instructions: Store in the original container in a dry area. Keep away from sources of ignition (e.g. sparks and open flame). Close bag when not in use. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, sweep up spillage and dispose of in accordance with the Pesticide Disposal instructions listed below.

Pesticide Disposal Instructions: 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 Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Disposal Instructions: 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.

WARRANTY AND DISCLAIMER

Cerexagri, Inc warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein.

CEREXAGRI MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL CEREXAGRI OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LABOR COST; OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING.

Cerexagri and seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a duly authorized representative of Cerexagri.

Cerexagri, Inc. is a wholly-owned subsidiary of ATOFINA Chemicals, Inc.