

PM 23 4581-230

10/16
file



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

30 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

John E. Skwara
ELF ATOCHEM NORTH AMERICA INC.
AGRICHEMICALS DIV
2000 MARKET ST., 21ST FLOOR
PHILADELPHIA, PA 19103

Subject: Label Amendment Submission of 12/30/93 in Response to PR Notice 93-7
EPA Reg. No. 4581-230
ZIRAM F-4

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

2076

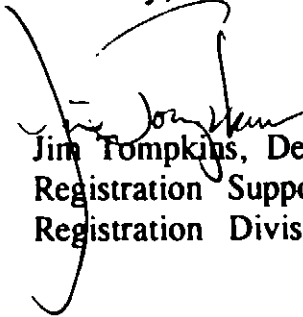
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment



ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 30 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
amended, for the pesticide
under EPA Reg. No.
4581-230

30/6

ZIRAM F-4

FUNGICIDE

ACTIVE INGREDIENT:

Ziram (Zinc dimethyldithiocarbamate) 39.2%
(Zinc expressed as metallic....8.4%)

INERT INGREDIENTS: 60.8%

TOTAL: 100.0%

This product contains 4 pounds Ziram per gallon.
1 Gallon Ziram F-4 is equivalent to 5 1/2 pounds Ziram 76.

KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

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

In case of contact with skin, wash with soap and water and get medical attention; for eyes, flush with plenty of water for 15 minutes and get medical attention.

See Back Panel for Precautionary Statements.

EPA Registration No. 4581-230 EPA Establishment No. 4581-TX-1

WARRANTY AND DISCLAIMER

Elf Atochem North America 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. ELF ATOCHEM MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL ELF ATOCHEM 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.

Elf Atochem 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 Elf Atochem.

Made in U.S.A

5-C312S-02 D1 (12/93)

Printed in U.S.A.

Net Contents 5 U.S. Gallons (18.9 Liters)

SOLD BY
ELF ATOCHEM NORTH AMERICA, INC. AOCHEM DIVISION
PHILADELPHIA, PA 19103-3222

4074

DANGER PELIGRO
PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

Precautionary Statements:

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. Do not get in eyes or on clothing. May be fatal if inhaled. Do not breathe spray mist. Harmful if swallowed or absorbed through skin.

Personal Protective Equipment:

Applicators and other handlers must wear:

- * Long-sleeved shirt and long pants
- * Waterproof gloves
- * Shoes plus socks
- * Protective eyewear
- * Dust/mist filtering respirator (MSHA/NIOSH) approved number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. 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.

User Safety Recommendations:

Users 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. Use with care when applying in areas adjacent to any body of water. 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. Do not apply when weather conditions favor drift from target area. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

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

Storage Instructions: Store in the original container. Store in a frost-free room. Store in the shade. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, absorb with sand or other inert material and dispose of absorbent 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

5076

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 green-houses, 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 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 48 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
- * Protective eyewear

GENERAL INFORMATION

ZIRAM F-4 is a liquid paste formulation effective against many fungus diseases. It has excellent adhesive properties and is safe on a wide range of plants. It is compatible with Parathion, Malathion, and many commonly used pesticides.

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

For dilute application, use ZIRAM F-4 at recommended rate per 100 gallons of spray unless otherwise stated. Three teaspoonfuls per gallon of water is equivalent to 3 pints per 100 gallons of water.

For concentrate applications, by air, use ZIRAM F-4 in 20 to 30 gallons of spray per acre; by ground, use in a minimum of 40 gallons of spray per acre.

Use the high rate under severe disease pressure or when conditions promote rapid disease development.

BEST AVAILABLE COPY

6046

FRUIT AND NUT CROPS

Crop	Pts/ 100 Gallons	Pts/A	Disease	Directions	Limitations (see footnotes)
Almonds	2-4	12-18	Shot-hole (Fungus)	Apply at popcorn, full-bloom, petal fall, and 5 weeks later.	1, 2
			Brown Rot (Blossom and Twig Blight)	Apply at popcorn and full bloom.	
			Leaf Blight Scab	Apply at petal fall and 5 weeks later.	
Apples	2	11-15	Apple Scab	Apply at pre-bloom, calyx, and cover sprays. In Washington, apply in first cover spray and in early September on Delicious variety and late September on Winesaps as a protectant spray only.	3, 4
			Bull's Eye Rot	Apply in the first cover spray and in a pre-harvest spray before fall rains begin. Repeat as necessary, especially if excessive rainfall occurs.	
Pecans†	3		Scab	Begin applications when leaves are 1/2 to 3/4 inch long. Repeat after pollination is complete and up to 5 cover sprays at 3- to 4-week intervals through August.	5

ORNAMENTAL CROPS†

Crop	Pts/ 100 Gallons	Disease	Directions
Asters	2 pts/12 gals	Rust	Begin application in early season and continue at 7-day intervals until blossoms form.
Carnations,* Marigolds, Morning Glory, Snapdragons*	2%	Rust *See below for additional disease control	Apply at 7- to 10-day intervals as needed throughout growing season.
Carnations,* Chrysanthemums, Dahlias,* Gladiolus, Snapdragons*	2%	Leaf Spot *See below for additional disease control	Apply at 7- to 10-day intervals as needed throughout growing season.
Azaleas, Camelias	3-4	Petal Blight	Begin application with first bloom. Repeat at 7- to 10-day intervals through bloom. Apply as a drench to mulch and litter beneath and around bushes.
Dahlias,* Delphinium, Golden Glow, Hollyhocks, Phlox	2%	Powdery Mildew	Apply at 7-day intervals throughout growing season.
Roses	2%	Black Spot Powdery Mildew	Begin application when leaves unfold. Repeat at 7- to 10-day intervals throughout season.
Pine Seedlings (nursery beds)	4	Fusiform Rust	Begin application at time of emergence. Repeat at 3- to 5-day intervals to mid-June.

Limitations

1. 12 pints/acre-Do not apply later than 5 weeks after petal fall or
2. 25 pints/acre-Do not apply later than petal fall
3. 18 pints/acre-No time limitation or
4. 24 pints/acre-Do not apply within 7 days of harvest
5. 30 pints/acre-Do not apply later than August

† NOT FOR THIS USE IN CALIFORNIA

BEST AVAILABLE COPY