



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

JAN 14 1994

**John E. Skwara**  
**ELF ATOCHEM N.A., INC.**  
**AGCHEM DIVISION**  
**Three Parkway, Room 619**  
**Philadelphia, PA 19102**

**OFFICE OF**  
**PREVENTION, PESTICIDES AND**  
**TOXIC SUBSTANCES**

**Subject: Label Amendment Submission of 07/22/93 in Response to PR Notice 93-7**  
**EPA Reg. No. 4581-140**  
**ZIRAM 76**

**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

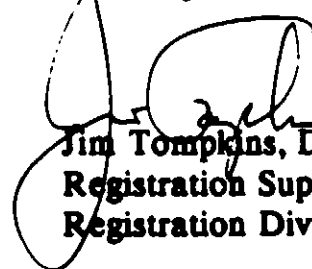
Submit the final printed labeling via the U.S. Postal Service to:

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

**elf atochem**

**ATO**

# **ZIRAM 76**

## **Fungicide**

**ACTIVE INGREDIENT:**

Ziram (Zinc dimethyldithiocarbamate) ..... 76%  
(Zinc expressed as metallic ... 16.25%)

**INERT INGREDIENTS:** ..... 24%

**TOTAL** ..... 100%

**KEEP OUT OF REACH OF CHILDREN**

**PELIGRO DANGER**

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 IN EYES:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

**IF INHALED:** Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**IF SWALLOWED:** Drink promptly a large quantity of milk, egg white, gelatin solution or if these are not available, large quantities of water. Avoid alcohol.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.

See side panel for Precautionary Statements.

EPA Reg. No. 4581-140

EPA Est. No. 33910-HL-01

**NET CONTENTS 40 LBS./18 KGS.**

Sold by

**ELF ATOCHEM NORTH AMERICA, INC.—AGCHEM DIVISION**

Philadelphia, PA

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

JAN 14 1992

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

4581-140

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4657

**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 get in eyes or on clothing. Wear goggles, face shield, or safety glasses when handling. Do not breathe dust or spray mist. Wear a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration, and the National Institute for Occupational Safety and Health. Avoid contact with skin or clothing.**

**Personal Protective Equipment**

**Applicators and other handlers must wear:**

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

**For exposure in enclosed areas, a respirator with either 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).**

**For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval 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.**

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**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Use care when applying in areas adjacent to any body of water. Do not apply directly to water, 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.

**PHYSICAL OR CHEMICAL HAZARD**

Keep away from fire and sparks.

**GENERAL INFORMATION**

ZIRAM 75 is effective against many fungus diseases. It has excellent adhesive properties and is safe on a wide range of plants. It is compatible with Parathion Methyl and many commonly used pesticides. Wash the required amount of ZIRAM 75 through the filter screen while filling the sprayer with water or mix into a pail with water and pour into the spray tank while filling.

**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.

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

For dilute application, use ZIRAM 75 at recommended rate per 100 gallons of spray unless otherwise stated. Three level teaspoons per gallon of water is equivalent to one pound per 100 gallons of water.

For concentrate applications by air, use ZIRAM 75 at 20 to 30 gallons of spray per acre by ground, use at a maximum of 40 gallons of spray per acre.

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

**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), notification to workers, 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.

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PPF 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

FRUIT AND NUT CROPS

Crop	Lbs. 100 Gallons	Lbs. 'A	Diseases	Directions	Limitations (See footnotes)
Almonds	1 1/2 - 4 oz. Spreader-Secur	8-12	Shot-hole (Fungus)	Apply at popcorn, full-bloom, petal fall, and 5 weeks later	1, 2
			Brown Rot (Blossom and Young Blight)	Apply at popcorn and full bloom	
			Leaf Blight Scale	Apply at petal fall and 5 weeks later	
Apples†	1-1 1/2	7 1/2-10	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 Winesap as a protective spray only	3, 4
			Bull's-Eye Rot	Apply on the first cover spray and on a pre-harvest spray before fall rains begin. Repeat as necessary, especially if excessive rainfall occurs	
Apricots	1 1/2	8-10	Brown Rot	Apply on pre-bloom, blossom, and petal fall stages and in early cover sprays	5
	1 1/4 - 4 oz. Spreader-Secur		Shot-hole (Fungus)	Apply at pre-bloom, early bloom, and full bloom. Under severe disease conditions, or when weather is extremely wet, make additional applications as often as every 5 days until full bloom	
	1 1/2-2			For post-harvest application in the fall before heavy rains	
Cherries†	1 1/2		Brown Rot	Apply at popcorn, full bloom, petal fall, and as necessary in cover applications	9
			Leaf Spot	Apply at petal fall, shuck fall, and about 2 weeks after shuck fall	
Nectarines, Peaches	1 1/2-3	8-10	Peach Leaf Curl Shot-hole (Fungus)	Apply at dormant and popcorn stages. For West Coast use on peaches for leaf curl, apply just before fall rains or in November and repeat in 5 months while trees are still dormant and again at popcorn stage	12, 13
	1 1/2-3		Brown Rot	Apply at pink bud, 25% to 75% of full bloom, petal fall, and cover stages	
Pears	1-1 1/2	7 1/2-10	Pear Scab (West Coast Only)	Apply on pre-bloom, calyx, and cover stages	3, 4
			Bull's-Eye Rot (Pacific Northwest Only)	Apply pre-harvest prior to fall rains. Repeat if necessary, especially if excessive rainfall occurs	
Pecan†	2		Scab	Begin applications when leaves are 1/4 to 1/2 inch long. Repeat after pollination is complete and up to 5 cover sprays at 3-4 week intervals through August	14

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## ORNAMENTAL CROPS:

Crop	Lbs 100 Gallons	Disease	Directions
Asters	1 @ 12 gal	Rust	Begin application in early season and continue at 7-day intervals until blossoms form
Carnations, Marigolds, Morning Glory, Snapdragons	1 1/2	Rust * See below for additional disease control	Apply at 7 to 10-day intervals as needed throughout growing season
Carnations, Chrysanthemums, Dahlias, Gibbous, Snapdragons	1 1/2	Leaf Spot * See below for additional disease control	Apply at 7 to 10-day intervals as needed throughout growing season
Azaleas, Camellias	1 to 2	Petal Blight	Begin application with first bloom. Repeat at 7 to 10-day intervals through bloom. Apply as a drench to mulch and other beneath and around bushes
Dahlias, Cosmos, Golden Glow, Hollyhocks, Phlox	1 1/2	Powdery Mildew	Apply at 7-day intervals throughout growing season
Roses	1 1/2	Black Spot, Powdery Mildew	Begin application when leaves unfold. Repeat at 7 to 10-day intervals throughout season
Pine Seedlings (Nursery Stock)	2	Fusarium Rust	Begin application at time of emergence. Repeat at 3 to 5-day intervals to mid-June

NOT FOR THIS USE IN CALIFORNIA

## Limitations

- 1 8.0 lbs acre—Do not apply later than 5 weeks after petal fall or
- 2 16.0 lbs acre—Do not apply later than petal fall
- 3 11.5 lbs acre—No time limitation
- 4 15.5 lbs acre—Do not apply within 7 days of harvest
- 5 18.0 lbs acre—Do not apply after early cover period
- 6 15.0 lbs acre—Post-harvest application
- 7 N/A
- 8 N/A
- 9 5.0 lbs acre—Do not apply within 7 days of harvest
- 10 N/A
- 11 N/A
- 12 14.5 lbs acre—Last application at petal fall or
- 13 10.0 lbs acre—Remove excess residues by wiping or brushing
- 14 19.0 lbs acre—Do not apply later than August

## 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

EE Attochem 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. EE Attochem makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall EE Attochem 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.

EE Attochem 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 EE Attochem.

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