

38167-6

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 38167-6	DATE OF ISSUANCE
	TERM OF ISSUANCE FEB 1 1987	
	NAME OF PESTICIDE PRODUCT Setre Ziram 4 lb Flowable Fungicide	

NOTICE OF PESTICIDE: ☐ REGISTRATION
☐ REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Setre Chemical Company
5100 Poplar Avenue
Memphis, TN 38137

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 38167-6" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.
4. The Accession Number for the acute toxicity studies which you submitted July 26, 1985 is 259217. In future correspondence regarding these data, you should reference the assigned EPA Accession Number to facilitate our retrieval of these data.

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☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL **DATE**

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Lois A. Rossi
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosures

SETRE
Ziram 4-LB.
Flowable Fungicide

ACTIVE INGREDIENT	
Ziram (Zinc Dimethyl Dithiocarbamate)	39.6%
INERT INGREDIENTS	60.4%
TOTAL	100.00%

Zinc expressed as metallic 8.5%
This product contains four pounds Ziram per gallon.

KEEP OUT OF REACH OF CHILDREN
DANGER - AVISO

See Side Panel for Additional Precautionary Statements.
PRECAUCION AL USUARIO: Si usted no lee ingles, no use este product
hasta que le etiqueta haya sido explicado ampliamente

EPA Reg. No.
EPA Est. No.

NET CONTENTS:

Manufactured by
SETRE CHEMICAL COMPANY
MEMPHIS, TENNESSEE 38137

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ACCEPTED
with COMMENTS
In EPA Letter Dated:

FEB 8 1987

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive. Causes irreversible eye damage. Harmful or fatal if swallowed. Do not get in eyes or on clothing. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water. Call a physician.

If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol.

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

Keep away from fire and sparks.

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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 such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long legged trousers or a coverall type garment (all of closely woven fabric covering the body, including arms and legs), shoes and socks.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State.

Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information.

DANGER

Area treated with Ziram on (insert date). Do not enter without appropriate protective clothing until sprays have dried. (insert State Department of Agriculture's re-entry interval, if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

STORAGE AND DISPOSAL

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

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

RECOMMENDATIONS

Use the recommended rates for concentrate, dilute and aerial applications. Ground application is preferred, especially when full canopy of foliage is developed. Air application: Ziram 4-lb. Flowable Fungicide can be applied by air application but this practice is not recommended under normal conditions. Thorough coverage is essential for effective disease control, applicators and growers should be aware that air application may give less favorable disease control than ground application.

To mix, fill the spray tank about 2/3 full of water, and with agitator running, slowly pour in the required amount of Ziram 4-lb. flowable. Finish filling the tank with water and let mixing continue in the tank until thoroughly mixed before applying. Continue agitation and apply

immediately.

The following chart may assist in determining rates of Ziram 4-lb. Flowable Fungicide:

Quarts : 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9

Equal To

Fluid Ozs.: 3.2 6.4 9.8 12.8 16.0 19.2 22.4 25.6 28.8

Almonds: Brown Rot, Shot-Hole (Coryneum Blight), Leaf Blight - Use 6 quarts per acre in pre-bloom, blossom and petal fall periods. Scab - Use 6 quarts per acre at petal fall and 5 weeks after petal fall. Apply in a minimum of 50 gallons of water per acre by ground. By air, use 10 - 20 gallons per acre, or sufficient water to provide complete coverage.

Apples: Scab - Use 4.5 - 9.1 quarts per acre in pre-blossom, blossom and early cover stages. Bull's Eye Rot (Oregon and Washington) - Use 4.5 - 9.1 quarts per acre beginning 12 to 14 days after calyx stage and repeat as necessary in summer sprays. Perennial Canker (Oregon) - Use 4.5 - 9.1 quarts per acre in pre-blossom and calyx sprays. Apply in a minimum of 50 gallons per acre by ground, a minimum of 10 gallons per acre by air. Apples may be injured by zinc compounds under certain conditions. Do not apply within 7 days of harvest.

Apricots: Brown Rot, Shot-Hole (Coryneum Blight) - Use 6.0 - 7.6 quarts per acre in pre-bloom, blossom and petal fall through early cover sprays. Apply in a minimum of 50 gallons per acre by ground, a minimum of 10 gallons per acre by air. Use higher rates when under severe disease pressure. Do not apply after early cover sprays.

Beans (Snap, Lima): Anthracnose - Use 1.5 quarts per acre. Increase to 2.2 quarts on large plants. Make applications at 7 to 10 day intervals starting when true leaves appear. Do not apply to snap beans later than 4 days before picking. Apply in a minimum of 10 gallons per acre by ground (20 gallons in California), 3 - 20 gallons per acre by air (5-20 gallons in California).

Blackberries (Pacific Northwest): Evergreen Blackberry Canker - Apply 3.8 quarts per acre in 100 gallons of water. Apply once between mid-June and early July. Do not apply later than early July.

Blueberries: Mummy Berry - Use 2.2 quarts per acre in 200 gallons of water at loose bud scale stage and 7 days later. Do not apply later than 3 weeks after full bloom.

Celery: Early Blight (Cerospora), Late Blight (Septoria) - Use 1.5 quarts in 100 gallons of water per acre by ground, 5 - 20 gallons per acre by air. Begin in the plant bed and continue in the field at 5 to 10 day intervals. Remove residues by stripping, trimming and washing.

Cherries: Brown Rot, Blossom Blight - Use 3.0 - 3.8 quarts per acre in popcorn, full blossom, petal fall and shuck stages and approximately 2 weeks after shuck fall. Use higher rate under severe disease conditions. Apply in a minimum of 50 gallons per acre by ground, 10 gallons per acre by air. Do not apply within 7 days of harvest.

Cucumbers, Melons, Squash, Pumpkins: Scab, Anthracnose - Use 1.5 quarts per acre at 7 to 10 day intervals when plants are small. Increase rate to 2.3 quarts per acre after plants vine. Downy Mildew - Apply 1.5 quarts per acre as soon as plants begin to run or when disease threatens and continue at 7 to 10 day intervals as long as necessary. Under severe conditions shorten interval to 3 to 5 days. Apply in a minimum of 10 gallons per acre by ground (20 gallons in California) or 3 gallons of water per acre by air (5 gallons in California).

Cranberries: Fruit Rot - Use 2.2 quarts per acre in 100 gallons of water, applying 3 times at 2 week intervals starting at mid-bloom. Do not apply later than 4 weeks after mid-bloom.

Grapes: Black Rot, Powdery Mildew - Apply 4.8 fluid ozs. per acre in a minimum of 10 gallons per acre by ground (20 gallons in California) or 5 - 20 gallons per acre by air. Apply before bud swells. Repeat after blossoming, but before fruit forms. Do not apply after fruit begins to form.

Nectarines, Peaches: Peach Leaf Curl and Shot Hole - Use 6.0 - 9.1 quarts just before fall rains or in November and repeat in three months while trees are still dormant and again in popcorn stage. Brown Rot and Blossom Blight - Use 5.0 - 7.6 quarts at pink bud and 25 - 75% at full bloom. Fruit Brown Rot - Use 6.0 - 7.6 quarts at petal fall, two weeks later, and one or more additional applications at 7 to 14 day intervals beginning about one month before harvest. If applied closer than two weeks before harvest, remove residues by brushing or wiping. If lead arsenate is added to spray, include the correct amount of zinc sulfate and lime to reduce danger of arsenical injury. May be used in early cover and before harvest. Apply in a minimum of 50 gallons per acre by ground or in a minimum of 10 gallons per acre by air.

Pears: Scab - Use 4.5 - 9.1 quarts per acre in pre-blossom, blossom and early cover sprays. Storage Rots (Oregon) - Use 4.5 - 9.1 quarts per acre in pre-harvest spray. Use the higher rates under severe disease conditions. Apply in a minimum of 50 gallons per acre by ground, in a minimum of 20 gallons per acre by air.

Pine Seedlings: Fusiform Rust in plant beds - Apply 1.5 quarts per 100 gallons at 3 to 5 day intervals from plant emergence to mid-June.

Pecans: Scab - Following two prepollination sprays of bordeaux mixture, use 1.5 quarts per 100 gallons in 4 applications at 3 to 4 week intervals starting when tips of small nuts have turned brown.

Under severe conditions a fifth application in August may be required. Do not apply after August.

Ornamentals: Petal Blight of Azelias and Camellias - Use 1.5 quarts per 100 gallons of spray at 3 to 5 day intervals as needed. Begin with first bloom. Spray flowers and drench mulch and litter beneath bushes. Leaf Spots of Chrysanthemums and Snapdragons - Use 1.5 quarts per 100 gallons of spray at 7 to 10 day intervals as needed.

Strawberries: Leaf Spot - Apply 1.5 quarts when blossom buds first show and again when earliest blossoms open. Gray Mold (*Botrytis*) - Apply 1.5 quarts in 3 to 5 applications at 10 day intervals, starting at early blossom stage. If applied within 7 days of picking, remove residues by washing. Apply in 100 gallons per acre by ground, 5-20 gallons by air.

Tomatoes: Anthracnose, Early Blight - Use 1.5 quarts per acre at 7 to 10 day intervals starting 2 to 4 weeks after plants are set. Under severe conditions, apply 2.2 quarts per acre at 7 to 10 day intervals. In areas where Anthracnose is a serious problem, on canning tomatoes, apply 3 quarts per acre. Apply in a minimum of 20 gallons per acre by ground or 5-20 gallons per acre by air.

Greenhouse Tomatoes: Gray Mold - Use 2.2 quarts per 100 gallons of spray. Start applications before infection occurs and repeat at 7 to 10 day intervals (shorten interval to 3 to 5 days under severe conditions).

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CONDITIONS OF SALE - LIMITED WARRANTY
AND LIMITATIONS OF LIABILITY AND REMEDIES

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pest and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions, or good applications practices, all of which are beyond the control of Setre or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. Setre warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of Setre. Setre makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warrant shall be implied by law.

The exclusive remedy against Setre for any cause of action relating to the handling or use of this product is a claim for damage and in no event shall damages or any other recovery of any kind against Setre exceed the price of the product which causes the alleged loss, damage, injury, or other claim. Setre shall not be liable and any and all claims against Setre are waived, for special, indirect, incidental, or consequential damages or expense, of any nature, including, but not limited to, loss of profits or income, whether or not based on Setre's negligence, breach of warranty, strict liability in tort or any other cause of action.

Setre and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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