



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

September 19, 2024

Robert Avalos
Sr. Regulatory Manager, TGA
Zenavis, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

Subject: Notification per PRN 98-10 – Notification to change Primary Brand Name from ARG Metalaxyl Technical to ZEN Metalaxyl Technical
Product Name: ZEN Metalaxyl Technical
EPA Registration Number: 103050-2
Application Date: 09/06/2024
Case Number: 628785

Dear Robert Avalos:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “NOTIFICATION” and placed in our records.

The primary brand name, “**ZEN Metalaxyl Technical**” has been added to the product record.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, please contact Senedu Alemu at alemu.senedu@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', enclosed within a hand-drawn oval.

Kable Bo Davis
Senior Regulatory Specialist
Office of Pesticide Programs
Registration Division, Immediate Office

Enclosure

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

09/19/2024

ACTIVE INGREDIENT:

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-alanine methyl ester

98.53%

OTHER INGREDIENTS:

1.47%

TOTAL:

100.00%

ARG-ZEN Metalaxyl Technical
For Manufacturing Use Only

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

This product is for use only in the formulation of fungicides. This product may be used to formulate products for specific use(s) not listed on the MP label if the formulator, user group, or grower has complied with the U.S. EPA data submission requirements regarding the support of such use(s).

FOR MANUFACTURING USE ONLY AS A FUNGICIDE FOR THE FOLLOWING USES:

KEEP OUT OF REACH OF CHILDREN
WARNING

FIRST AID	
If in eyes:	- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. - Call a poison control center or doctor for treatment advice.
If swallowed:	- 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:	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15 to 20 minutes. - Call a poison control center or doctor for treatment advice.
If inhaled:	- 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.

HOT LINE NUMBERS

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For 24-hour medical emergency assistance (human or animal) call **1-800-222-1222**. For chemical emergency assistance (spill, leak, fire, or accident) call ChemTrec at **1-800-424-9300**.

Refer to side panel for additional Precautionary Statements and Directions For Use.

Manufactured for:

ArgiteZenavis, LLC

5000 CentreGreen-Way, Suite 100940 NW Cary Parkway, Suite 200

Cary, NC 27513

EPA Reg. No.: 103050-287373-400

EPA Est. No.:

NET CONTENTS:

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes, protective eyewear, and gloves made out of waterproof materials. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

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 EPA.

1. Terrestrial Food Crops (including Home Gardens and Orchards) and Soil Treatment Uses: Alfalfa; Birdfoot trefoil; Apples; Asparagus; Avocados; Berries (Blueberries, Cranberries, Raspberries, Strawberries); Citrus (Citrus citron, Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangerines, and all hybrids of these); Cole Crops (Broccoli, Cabbage, Cauliflower, Chinese broccoli, Gai Ion, White flowering broccoli, Chinese cabbage (Napa, Bok choy)); Cotton; Cucurbits (Balsam pear, Cantaloupe, Casaba, Chinese waxgourd, Citron melon, Crenshaw, Cucumbers, Edible gourds, Gherkin, Honey balls, Honeydew Melon, Mango melon, Muskmelon, Persian melon, Pumpkin, Summer squash, Winter squash, Watermelon, and Cucurbit hybrids); Ginseng; Hops; Leafy vegetables (Head lettuce and Spinach); Legume vegetables (Succulent or dried) (Field beans, Lima beans, Mung beans, Navy beans, Pinto beans, Runner beans, Snap beans, Wax beans, Broad beans (Fava beans), Chickpeas (Garbanzo beans), Lentils, Lupines (Sweet, White sweet, White and Grain), Garden peas, Field peas, Sugar peas, Southern peas (Black-eyed peas, Crowder peas, Cowpeas, Catjang), and Edible soybeans); Onions (Dry bulb, Green onions, Spring onions, or Scallions, Japanese bunching onions, Green shallots or Green eschalots, Leeks); Nut trees (Almond and Walnut); Papaya; Peanuts; Peppers and Eggplant; Pineapple; Root and Tuber vegetables (Jerusalem artichoke, Beet (Sugar and Table), Carrot, Cassava, Chicory, Ginger, Horseradish, Parsnip, Potato, Radish, Rutabaga, Salsify, Sweet potato, Tanler, Turnip, Yams); Soybeans; Stone Fruits (Apricots, Cherries (sweet and sour), Nectarines, Peaches, Plums (Chickasaw, Damson, Japanese, Prunes); Tobacco; Tomatoes;

2. Seed Treatment Uses: Brassica (Cole) Leafy Vegetables (Broccoli (Chinese and raab); Brussels sprouts; Cabbage (Chinese bok choy, Chinese napa, and Chinese mustard (gai choy)); Cauliflower; Cavalo broccoli; Collards; Kale; Kohlrabi; Mizuna; Mustard greens; Mustard spinach; Rape greens); Canola; Cotton; Cucurbit Vegetables (Chayote (fruit); Chinese waxgourd (Chinese preserving melon); Citron melon; Cucumber; Edible gourd (Hyotan, Cucuzza, Chinese okra, Hechima); Gherkin; *Momordica* spp. (Balsam apple, Balsam pear, Bitter melon, Chinese cucumber); Muskmelon (True cantaloupe, Cantaloupe, Casaba, Crenshaw melon, Golden pershaw melon, Honeydew melon, Honey balls, Mango melon, Persian melon, Pineapple melon, Santa claus melon, Snake melon); Pumpkin; Summer squash (Crookneck squash, Scallop squash, Straightneck squash, Vegetable marrow, Zucchini); Winter squash (Butternut squash, Calabaza, Hubbard squash, Acorn squash, Spaghetti squash); Watermelon (hybrids and/or varieties of *Citrullus lanatus*); Dill; Leafy Vegetables (Amaranth (Leafy, Chinese spinach, Tampala); Cardoon; Celery (Chinese celery); Celtuce; Chervil; Chrysanthemum (Edible-leaved and Garland); Corn salad; Cress (Garden and Upland); Dandelion; Dock (Sorrel); Endive (Escarole); Florence fennel (finocchio); lettuce (head and leaf); orach; parsley; purslane (garden and Winter); Radicchio (Red chicory); Rhubarb; Spinach (New Zealand and Vine); Swiss chard); Forage Legumes (Alfalfa; Beans for forage; Clover; Lespedeza; Cowpeas for forage; Cowpea hay; Peanuts for forage; Peanut hay; Peas for forage; Pea vine hay; Soybeans for forage; Soybean hay; Trefol; Vetch; Velvet beans for forage); Forage Grasses (Grasses grown for hay, grazing or silage; Corn (fodder or silage); Sorghum (hay or silage); Small grain grown for hay, grazing or silage); Fruiting Vegetables (Eggplant; Groundcherry; Pepino; Pepper (Bell pepper, Chili pepper, Cooking pepper, Pimento, Sweet pepper); Tomatillo; Tomato); Grain Crops (Barley; Buckwheat; Corn (Field corn, Sweet corn, Popcorn); Millet; Millo; Oats; Rice; Rye; Sorghum; Triticale; Wheat); Legume Vegetables (Bean (*Lupinus* spp.) (Grain lupin, Sweet lupin, White lupin, White sweet lupin); Bean (*Phaseolus* spp.) (Field bean, Kidney bean, Lima beans (Succulent or Dry), Navy bean, Pinto bean, Runner bean, Snap bean, Tepary bean, Wax bean); Bean (*Vigna* spp.) (Adzuki bean, Asparagus bean, Blackeyed pea (Succulent or Dry), Catjang,

Chinese longbean, Cowpea (Succulent or Dry), Crowder pea, Moth bean (Succulent or Dry), Mung bean, Rice bean, Southern pea (Succulent or Dry), Urd Bean, Yardlong bean); Broad bean (Fava) (Succulent or Dry); Chickpea (Garbanzo bean); Guar; Jackbean; Lablab bean (Hyacinth); Lentil; Pea (*Pisum* spp.); Dwarf pea, Edible-pod pea, English pea, Field pea, Garden pea, Green pea, Snow pea, Sugar snap pea); Pigeon pea (Succulent or Dry); Pole bean; Soybean; String bean; Sword bean); Mustard seed; Okra; Onion (Dry bulb and Green); Peanut; Rapeseed; Root and Tuber Vegetables (except potatoes) (Arracacha; Arrowroot; Artichoke (Chinese and Jerusalem); Beet (Garden and Sugar); Burdock (Edible); Canna (Edible); Carrot; Cassava (Bitter and Sweet); Celeriac (Celery root); Chayote (Root); Chervil (Turnip-rooted); Chicory; Chufa; Dasheen (Taro); Ginger; Ginseng; Horseradish; Leren; Parsley (Turnip-rooted); Parsnip; Radish; Oriental radish (Daikon); Rutabaga; Salsify (Black and Spanish); Skirret; Sweet potato; Tanier; Turneric; Turnip; Yam bean (Jicama, Manioc pea); Yam); Sunflower; Turf Grasses;

3. For Export Uses: Brassica (Cole) leafy vegetables; Corn; Cucurbit vegetables; Fruiting vegetables; Leafy vegetables; Millet; Onions; Peas; Root and Tuber vegetables; Sorghum; Sunflowers;

4. Terrestrial Non-Food Uses: Uses on turf in golf courses; Lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, and athletic fields; Uses on ornamentals grown in containers, bench, flat, plug, bed, or in the field; In greenhouses, shade houses, outdoor nurseries, retail nurseries, and interiorscapes;

5. Uses for which U.S. EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and

6. Uses for experimental purposes that are in compliance with U.S. EPA requirements.

STORAGE AND DISPOSAL

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

STORAGE: Always use original container to store pesticides in a cool, dry secured warehouse or storage building. DO NOT store near food and feed. Containers should be opened in well-ventilated areas. Keep container tightly sealed when not in use.

PESTICIDE DISPOSAL: Open dumping is prohibited. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

[For Plastic or Paper Bags:]

Nonrefillable container. DO NOT reuse or refill this container. Completely empty bag into manufacturing equipment, then offer for recycling if available or 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.

[Plastic Containers with Capacities Equal to or Less than 50 lbs.:]

Nonrefillable container. DO NOT reuse or refill this container. Triple rinse as follows: Empty the remaining contents into manufacturing equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into manufacturing equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Plastic Containers with Capacities Greater than 50 lbs.:]

Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into manufacturing equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into manufacturing equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Fiber Drums with Liners:]

Nonrefillable container. DO NOT reuse or refill this container. Completely empty liner by shaking and tapping both sides and bottom to loosen clinging particles. Empty residue into manufacturing equipment. Then offer fiber drum and liner for

recycling, if available or 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.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded. The Direction for Use of this Product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, presence of other materials or other influencing factors in the use of the product, which are beyond the control of **ArgheZenavis** LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold **ArgheZenavis** LLC and Seller harmless for any claims relating to such factors. **ArgheZenavis** LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or **ArgheZenavis** LLC, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, **ARGHEZENAVIS** LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE. To the extent consistent with applicable law, neither **ArgheZenavis** LLC nor Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ARGHEZENAVIS** LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF **ARGHEZENAVIS** LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT. **ArgheZenavis** LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of **ArgheZenavis** LLC.

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