



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

December 19, 2025

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

Subject: PRIA Label Amendment – Add Approved (Me-Too) Uses
Product Name: ZEN S-Metolachlor Technical
EPA Registration Number: 103050-8
Application Date: May 28, 2025
Case Number: 659555

Dear Robert Avalos:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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 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.

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

If you have any questions, please contact Curtis Hildebrandt at 202-566-2770 or at hildebrandt.curtis@epa.gov.

Sincerely,



Mindy Ondish, Product Manager 23
Herbicide Branch, Registration Division (7505T)
Office of Pesticide Programs

Enclosure

ZEN S-Metolachlor Technical
TECHNICAL PRODUCT FOR MANUFACTURING USE ONLY

ACTIVE INGREDIENT:	w/w%
S-Metolachlor (CAS No. 87392-12-9):	98.0%
OTHER INGREDIENTS:	2.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.
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. Call a Poison Control Center or doctor for treatment advice.
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.

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-866-257-4118 for emergency medical treatment information.

For Chemical Spill, Leak, Fire, or Exposure, call: CHEMTRAC 1-800-424-9300

Manufactured for:

Zenavis, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

EPA Reg. No. 103050-8

EPA Est. No.

Net Weight: lbs (kg)

Batch No.:

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. 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 the EPA.

DIRECTIONS FOR USE

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

Only for formulation into an herbicide for the following use(s):

(1) alfalfa grown for seed; legume vegetable (Crop Group 6); vegetable, root, except sugarbeet and carrot (Subgroup 1B); Vegetable, tuberous and corn (Subgroup 1C); buffalograss; vegetable, brassica, head and stem, (Crop Group 5-16);; Carrot; cilantro; corn(field, sweet or pop); coriander; cotton; cottonseed (Crop Subgroup 20C); cucurbit vegetable (Crop Group 9);dill; fruiting vegetable (Group 8-10, except tabasco peppers); established grasses grown for seed; guymon bermudagrass for seed production; lettuce (head and leaf); brassica leafy greens (Crop subgroup 4-16B); caneberry (Subgroup 13-07A); bushberry (Subgroup 13-07B); low-growing berries (Subgroup 13-07G excluding cranberry); kohlrabi; meadowfoam grown for seed, nurseries, turf, and landscape plantings; onion (bulb) (Crop Subgroup 3-07A); onion (green) (Crop Subgroup 3-07B) peanuts;; peaches; radishes grown for seed (excluding daikon); rosemary; safflowers; sesame; sorghum (sweet, grain or forage); soybeans; soybean, immature seed; spinach; stevia; sugar beet; sugarcane; sunflower

(Subgroup 20B); Swiss chard; stalk and stem vegetable, except kohlrabi (Subgroup 22A); Leaf petiole vegetable (Subgroup 22B)

(2) Uses for which the US EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration excluding any use strictly prohibited by this label.

(3) Uses for experimental purposes that are in compliance with the US EPA's requirements.

Formulators using this product are responsible for obtaining EPA registration of their formulated products.

This product may only be formulated into end-use products that contain the following language on their labeling when they are released for shipment:

"Reporting Ecological Incidents (to be placed in the Environmental Hazards section of all end-use product labels): To report ecological incidents, including mortality, injury, or harm to plants and animals, call [registrant phone number]."

"ENDANGERED SPECIES PROTECTION REQUIREMENTS" (to be placed at the beginning of the Directions for Use section of all end-use product labels):

It is a Federal offense to use any pesticide in a manner that results in an unauthorized "take" (e.g., kill or otherwise harm) of an endangered species, and certain threatened species, under the Endangered Species Act section 9. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. You must obtain a Bulletin no earlier than six months before using this product. To obtain Bulletins, consult <http://www.epa.gov/espp>, call 1-844-447-3813, or email ESPP@epa.gov. You must use the Bulletin valid for the month in which you will apply the product."

Storage and Disposal

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

PESTICIDE STORAGE: Store in original container in a cool, dry place.

PESTICIDE DISPOSAL: Open dumping is prohibited. Wastes resulting from the use of this product are toxic. Improper disposal of unused pesticide is a violation of federal law. Pesticide that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. **Triple rinse as follows:** Empty remaining contents into application equipment or 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 application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures approved by state and local authorities..

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 must 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 Zenavis, LLC or Seller. To the extent consistent with applicable law all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Zenavis, LLC and Seller harmless for any claims relating to such factors.

Zenavis, 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 Zenavis, LLC, and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ZENAVIS, 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 Zenavis, 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 ZENAVIS, 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 ZENAVIS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Zenavis, 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 Zenavis, LLC.

[EPA Approval Date]

A C C E P T E D

12/19/2025

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

103050-8