



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

August 28, 2025

Catherine Rice
Country Manager US – GSS Portfolio
Environmental Science U.S., LLC
5000 CentreGreen Way, Suite 400
Cary, NC 27513

Subject: Label Amendment - Registration Review Mitigation for Bifenthrin
Product Name: TALSTAR 100 G/L EC INSECTICIDE/MITICIDE
EPA Registration Number: 101563-236
Case Number: 474057
Application Dates: 3/26/2021

Dear Catherine Rice:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Bifenthrin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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 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) list 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 Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. 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 12 months from the date of this letter. After 12 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.

If you have any questions about this letter, please contact Rachel Fletcher by phone at 202-566-2354, or via email at fletcher.rachel@epa.gov.

Sincerely,

A handwritten signature in blue ink, reading "Cathryn Britton".

Cathryn Britton
Chief, Risk Management and Implementation
Branch V
Pesticide Re-evaluation Division (7508M)
Office of Pesticide Programs

ENCLOSURE: Stamped label

Bifenthrin	GROUP	3A	INSECTICIDE
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Talstar®

100 g/l EC Insecticide/Miticide

EPA Reg. No. 101563-236

EPA Est. No.

Active Ingredient:	By Wt.
Bifenthrin*:	11.0%
Inert Ingredients**:	89.0%
	100.0%

*Cis isomers 97% minimum, trans isomers 3% maximum.

**Contains xylene range aromatic solvents

This product contains 0.84 pound active ingredient per gallon.

ACCEPTED

08/28/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under

EPA Reg. No. 101563-236

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

See [other panels][booklet][back] for additional precautionary information.

PRODUCED FOR

Environmental Science U.S., LLC

5000 CentreGreen Way, Suite 400

Cary, NC 27513

Net Contents

FIRST AID	
If swallowed	Call a physician or Poison Control Center for advice. Drink plenty of water. Do not induce vomiting unless advise by a physician or qualified medical advisor. Do not induce vomiting or give anything by mouth to an unconscious person.
If inhaled	Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
If on skin	Wash with plenty of soap and water. Get medical attention if irritation persists.
If in eyes	Hold eyelids open and flush with a gentle steady stream of water for 15 minutes. Get medical attention.
MEDICAL HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the Environmental Science U.S., LLC Emergency Response Telephone No. 1-800-424-9300 for Emergency Assistance.	
NOTE TO PHYSICIAN	
This product is a pyrethroid. This product also contains aromatic hydrocarbons. Because of the risk of hydrocarbon pneumonitis if even tiny amounts are aspirated into the lung during emesis, consideration should be given to gastric lavage with endotracheal tube in place. Animal and vegetable fats, milk, cream and alcohol may increase absorption and should not be administered. Treatment is symptomatic and supportive.	

For Technical Support or information regarding the use of this product, call 1-800-331-2867.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

DANGER

May be fatal if swallowed. Causes irreversible eye damage. Harmful if inhaled or absorbed through the skin. Prolonged or frequently repeated contact with this product may cause allergic reactions in some individuals. Do not breath vapor or spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking.

Personnel Protective Equipment:

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical resistance category selection chart.

Applicators and other handler (other than mixers and loaders) must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyvinyl chloride or viton.
- Shoes plus socks.
- Protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. 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 outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or in intertidal areas below the mean high water mark. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

Physical/Chemical Hazards

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

RESTRICTIONS

For indoor use only.

Do not allow the product to enter any drain during or after application.

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 handler 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 intervals. The requirements in this box only apply to users 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 12 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
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton.
- Shoes plus socks
- Protective eyewear

Do not apply this product in a way that contact workers or other persons, either directly or through drift. Only protected handler may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

NON-AGRICULTURAL USE REQUIRMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plant son farms, forests, nurseries or greenhouses.

Keep children and pets off treated areas following application until the lawn has dried.

Resistance Management: Talstar® 100 g/l EC Insecticide/Miticide contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to Talstar 100 g/l EC Insecticide/Miticide and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state pest management authorities for details.

If resistance to this product develops in your area, this product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and suspect that resistance is a reasonable cause, immediately consult your local company representative or pest management advisor for the best alternative method of control for your area.

APPLICATION INSTRUCTIONS

Greenhouse Grown Ornamentals, Trees, and Shrubs: Dilute 0.60 to 3.0 fluid ounce of Talstar 100 g/l EC Insecticide/Miticide per 10 gallons of water.

Pest	Rate lb ai/10 gal.	Rate fl. oz./10 gal.	Comments
Aphids California Red Scale (crawlers) Mealybugs Pine Needle Scale (crawlers) San Jose Scale (crawlers) Two spotted Spider Mite Whiteflies	0.004 - 0.01	0.60 - 1.5	Apply the specified rate as a full coverage foliar spray. Repeat as necessary to achieve control, using higher rates as pest pressure increases. Spray adjuvants may be used to enhance coverage. Certain cultivars of Roses, Poinsettias, Primrose, Marigold, Crape Myrtle and Gerber. Daisy may be sensitive to the final spray. A small number of plants should be treated prior to application on the entire planting. Do not use on Ferns.
Omnivorous Leafroller	0.006 - 0.015	0.90 - 2.25	
Armyworms	0.01 - 0.02	1.5 - 3.0	

Apply the specified rate as a full coverage foliar spray. Repeat as necessary to achieve control using higher rates as pest pressure and foliage area increases.

Certain cultivars may be sensitive to the final spray solution. A small number of plants should be treated prior to application of the entire planting.

[In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).]

[In New York State, do make a single repeat application of Talstar 100 g/l EC Insecticide/Miticide if there are signs of renewed insect activity, but not sooner than two weeks after the first application.]

STORAGE AND DISPOSAL

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

Pesticide Storage: Do not freeze. Do not store below 40°F. If crystals are observed, warm material to above 60°F by placing container in warm location. Shake or roll container periodically to redissolve solids. Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use replace lids and close tightly. Do not put concentrate or dilute material into food or drink container.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. You may contact the Environmental Science U.S., LLC Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Environmental Science U.S., LLC Emergency Response Telephone No. is 1-800-424-9300.

To Confine Spills: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal: Pesticide wastes are toxic. Do not contaminate water, food or feed by storage or disposal. Improper disposal of excess pesticide, spray mixture, or rinsates is a violation of Federal Law. Dispose of excess or waste pesticide by use according to label directions, or contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal Plastic Container: 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.

Returnable/Refillable Sealed Container: Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase.

Conditions 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 Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Turf or plant injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of Environmental Science U.S., LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Environmental Science U.S., LLC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ENVIRONMENTAL SCIENCE U.S., LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or Environmental Science U.S., LLC, and buyer assumes the risk of any such use.

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