



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Biopesticides and Pollution Prevention Division (7511P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

52991-37

Date of Issuance:

2/24/2022

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Bedoukian z-11-TETRADECENAL
 Technical Pheromone

Name and Address of Registrant (include ZIP Code):

Bedoukian Research, Inc.
 6 Commerce Drive
 Danbury, CT 06810

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her 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 the 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.
2. Make the following labeling change before you release this product for shipment:
 Revise the EPA Registration Number to read, "EPA Reg. No. 52991-37".
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Signature of Approving Official:

Andrew Bryceland, Team Leader
 Biochemical Pesticides Branch
 Biopesticides and Pollution Prevention Division (7511P)
 Office of Pesticide Programs

Date:

2/24/2022

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA 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.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 12/7/2020

If you have any questions, please contact Chris Pfeifer of my team by phone at 703-244-7991 or via email at pfeifer.chris@epa.gov.

Sincerely,



Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

FOR MANUFACTURING OR FORMULATING USE ONLY
NOT TO BE USED FOR THE DIRECT TREATMENT OF PESTS

BEDOUKIAN z-11-TETRADECENAL TECHNICAL PHEROMONE

Active Ingredient:	
11-Tetradecenal, (11Z)-	93.00%
Other Ingredients:	7.00%
Total:	100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

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.
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 eye.• Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none">• Call 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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: **Caution:** Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Handlers who may be exposed to undiluted product through mixing or loading applications or other tasks must wear: long-sleeved shirt, long pants, shoes and socks.

ENVIRONMENTAL HAZARDS: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or 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.

For Use in Manufacturing and Formulation Only. BEDOUKIAN z-11-TETRADECENAL TECHNICAL PHEROMONE is a manufacturing-use product that acts as a behavior modifying biochemical pesticide (pheromone) which functions by mating disruption. It is manufactured for incorporation into end-use products, intended to control Cotton bollworm (*Helicoverpa armigera*), Eastern spruce budworm, (*Choristoneura fumiferana*), Orange tortrix (*Argyrotaenia citrana*), South American tortricid moth (*Argyrotaenia spheropera*), and Western spruce budworm (*Choristoneura occidentalis*). The manufacturing-use product is not for the direct treatment of pests. Do not use from damaged, punctured or unsealed containers. End-use products formulated from this product must be registered with the US EPA. End-use products formulated from this product must not exceed application rates of 150 grams of active ingredients per acre/per year, and must not be formulated such that they can be available to birds (e.g. granular formulations). This product can be put to additional uses not listed on the label if the formulator, user group, or grower has complied with US EPA data submission requirements regarding the support of such uses.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store container in cool place until used. Product has maximum shelf life of 6 months based on available data.

Pesticide Disposal: Wastes resulting from use of this product must be disposed of at an approved waste disposal facility.

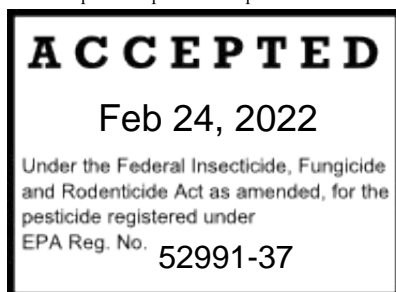
Container Disposal: **Metal containers (non-aerosol)- Non-refillable container. Do not reuse or refill this container.** Triple rinse (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. **Plastic containers- Non-refillable container. Do not reuse or refill this container.** Triple rinse (or equivalent) promptly after emptying. 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. **Glass containers- Non-refillable container. Do not reuse or refill this container.** Triple rinse (or equivalent) promptly after emptying. Then dispose of in a sanitary landfill or by other approved State and local procedures.

Warranty and Disclaimer Statement

To the fullest extent of the law, Bedoukian Research, Inc. warrants that this material conforms to the chemical description on the label. Bedoukian Research, Inc. neither makes, nor authorizes any agent or representative to make, any other warranty of fitness or of merchant ability, guarantee or representation, expressed or implied, concerning this material. Bedoukian Research, Inc.'s maximum liability for breach of this warranty shall not exceed the purchase price of this product.

Manufactured By:

Bedoukian Research, Inc.
6 Commerce Drive
Danbury, CT 06810-4192
Phone: 203-830-4000



EPA Reg. No. 52991-XX
EPA Establishment No. 52991-CT-2

Net Contents: 0.04 ounce to 6349 ounce (1 gram to 180 kg)
Lot Number: