



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

July 6, 2011

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Marie Maher  
Bedoukian Research, Inc.  
21 Finance Drive  
Danbury, CT 06810

Subject: Applications for Label Notification to update the storage and disposal statement.  
 Bedoukian OFM Technical Pheromone (EPA Reg. No. 52991-1)  
 Bedoukian High Purity CM Pheromone (EPA Reg. No. 52991-2)  
 Bedoukian TPW Technical Pheromone (EPA Reg. No. 52991-3)  
 Bedoukian Z-9-Tricosene Technical Pheromone (EPA Reg. No. 52991-4)  
 Bedoukian PTB Technical Pheromone (EPA Reg. No. 52991-6)  
 Bedoukian Trans-11-Tetradecenyl Acetate Technical Pheromone (EPA Reg. No. 52991-8)  
 Bedoukian 9-Dodecenyl Acetate Technical Pheromone (EPA Reg. No. 52991-10)  
 Bedoukian NOW Technical Pheromone (EPA Reg. No. 52991-11)  
 Technical Codling Moth Pheromone (EPA Reg. No. 52991-12)  
 Bedoukian (Z)-11-Hexadecenal Technical Pheromone (EPA Reg. No. 52991-14)  
 ✓ Bedoukian (Z)-11-Hexadecenyl Acetate Technical Pheromone (EPA Reg. No. 52991-15)  
 Bedoukian Octenol Technical (EPA Reg. No. 52991-16)  
 Bedoukian (Z)-6-Heneicosen-11-One Technical Pheromone (EPA Reg. No. 52991-17)  
 Bedoukian Indian Meal Moth Technical Pheromone (EPA Reg. No. 52991-18)  
 ROctenol (EPA Reg. No. 52991-19)  
 Bedoukian Verbenone Technical (EPA Reg. No. 52991-20)  
 Bedoukian E,E-9,11-Tetradecadienyl Acetate Technical Pheromone (EPA Reg. No. 52991-22)  
 Bedoukian L-Carvone (EPA Reg. No. 52991-23)  
 Your submissions dated June 8, 2011  
 Decision Number: 450374 through 450382 and 450384 through 450392

Dear Ms. Maher:

The Biopesticides and Pollution Prevention Division is in receipt of your applications for Notification under PR Notice 2007-4 dated above. A preliminary screen of these requests have been conducted for its applicability under PR Notice 2007-4 and it has been determined that the actions requested falls within the scope of PR Notice 2007-4. Our records have been duly noted and the labels submitted with these applications have been stamped "Notification Accepted" and will be placed accordingly in our records.

If you have any questions concerning these actions, please feel free to contact Mr. Colin Walsh at (703) 308-0298 or via email at [walsh.colin@epa.gov](mailto:walsh.colin@epa.gov).

Sincerely,

*Linda A. Hollis*

Linda A. Hollis, Chief  
Biochemical Pesticides Branch  
Biopesticides and Pollution Prevention  
Division (7511P)





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

# BEDOUKIAN Z-11-HEXADECENYL ACETATE TECHNICAL PHEROMONE

**Active Ingredients:**  
(Z)-11-Hexadecenyl Acetate.....95.00%  
**Other Ingredients:**.....5.00%  
**Total:**.....100.00%

**Notification Accepted**

**Date:** JUL 06 2011

**Reviewer:** C. Walsh

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

FIRST AID	
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>Call poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>HOT LINE NUMBER</b> 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: Harmful if swallowed, absorbed through skin, or inhaled. Causes skin and moderate eye irritation. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse. Wear the appropriate Personal Protective Equipment (PPE).

**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.

**For Use in Manufacturing and Formulation Only.** BEDOUKIAN Z-11-HEXADECENYL ACETATE 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 the Diamondback moth (*Plutella xylostella*) as well as other Lepidoptera. 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 by the US EPA. 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.

**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.  
21 Finance Drive  
Danbury, CT 06810-4192  
Phone: 203-830-4000

EPA Reg. No. 52991-15  
EPA Establishment No. 52991-CT-1

Net Contents: \_\_\_\_\_  
Lot Number: \_\_\_\_\_