



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

May 5, 2021

Ronald E. Hampton, Ph.D  
Sr. Regulatory Product Manager  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, NC 27419

Subject: Label Notification per PRN 98-10 – Correcting the warranty statement  
Product Name: Brodifacoum Technical  
EPA Registration Number: 100-987  
Application Date: 2/1/2021  
Decision Number: 571763

Dear Dr. Hampton:

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 will be placed in our records.

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.

If you have any questions, you may contact please contact Jasmin Jackson at 703-347-0732 or by email at [jackson.jasmin@epa.gov](mailto:jackson.jasmin@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Jasmin Jackson for".

Gene Benbow, Product Manager 7  
Invertebrate & Vertebrate Branch 3  
Registration Division (7505P)  
Office of Pesticide Programs

**BRODIFACOUM TECHNICAL**

For formulation only into registered rodenticides used in and around buildings, in transport vehicles, and in sewers

Active Ingredient:

Brodifacoum

3-[3-(4'-bromo[1,1'-biphenyl]4-yl)-1,2,3,4-tetra-hydro-1-naphthaleny]4-hydroxy-2H-1-benzopyran-2-one .....

95.00%

Other Ingredients:

5.00%

Total:

100.00%

**NOTIFICATION**

100-987

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:

5/5/2021

**KEEP OUT OF REACH OF CHILDREN.**



**DANGER                      PELIGRO**

**POISON**  
(red type)

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use on label.

EPA Reg. No. 100-987

EPA Est. XXXX

Product of United Kingdom

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Net Contents

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**PRECAUTIONARY STATEMENTS**


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**Hazards to Humans and Domestic Animals****DANGER/PELIGRO****POISON****(red type)**

Fatal if swallowed, inhaled, absorbed through skin, or in eyes. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Wear a full-face, air-supplied respirator; protective head, food and body covering; rubber boots and rubber gloves. Wash thoroughly with soap and water after handling and before eating or smoking. Remove and wash contaminated clothing before reuse. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid exposure to this product during pregnancy.

<b>FIRST AID</b>	
Contains an anticoagulant rodenticide (brodifacoum)	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a 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>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 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 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>HOT LINE NUMBER</b> For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident) Call <b>1-800-888-8372</b>	
<b>NOTE TO PHYSICIAN OR VETERINARIAN</b> This product may reduce the clotting ability of the blood and cause bleeding. If poisoning occurs, give Vitamin K <sub>1</sub> intramuscularly or orally. <u>For humans</u> , Vitamin K <sub>1</sub> is antidotal at doses of 10-20 mg ( <b>not</b> mg/kg). <u>For animals</u> , Vitamin K <sub>1</sub> is antidotal at 2-5 mg/kg. Give repeated doses up to two weeks, based on prothrombin times. In severe cases, give blood transfusions or Vitamin K <sub>1</sub> intravenously.	

### **Environmental Hazards**

This product is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of EPA.

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**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 ~~should~~ **must** be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. **Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials, or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller.** To the extent ~~consistent with permitted by~~ applicable law, ~~buyer is solely responsible for any risks created by the use or uses to which it or any other user puts this product. SYNGENTA CROP PROTECTION, INC. shall not be responsible for any risks caused by the incorporation of this product into an end use product by Buyer or User, and such risks shall be assumed by Buyer and User, and~~ Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably ~~fit~~ **fit** for the purposes stated in the Directions for Use, when used in accordance with directions under normal use conditions. To the extent ~~consistent with permitted by~~ applicable law, ~~(1) 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 SYNGENTA, and (2) Buyer and User assume the risk of any such use.~~ **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE WARRANTED BY THIS LABEL.**

To the extent ~~consistent with permitted by~~ applicable law, in no event shall SYNGENTA ~~or Seller~~ be liable for any incidental, consequential, or special damages resulting ~~in from~~ the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA 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 SYNGENTA.

## 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 a rodenticide for

1. the following uses: in and around buildings, inside transport vehicles, and in sewers (Norway rat, roof rat, and house mouse);
2. uses for which USEPA has accepted the required data and/or citation of data that the formulator has submitted in support of registration; and
3. Experimental Use Permits that are in compliance with the requirements of the U.S. Environmental Protection Agency.

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

### STORAGE AND DISPOSAL

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

#### Pesticide Storage

Store in a locked storage area. Keep container closed when not in use. Do not store near food or feed. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

#### Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

#### Container Handling

**Outer Metal Containers:** Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

**Plastic Bags:** Non-refillable container. Do not reuse or refill this container. Completely empty bag into formulation equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

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For non-emergency (e.g. current product information) call  
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:  
Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

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