



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

February 22, 2017

Ms. Luz G. Chan  
Registration Manager  
Drexel Chemical Company  
P.O. Box 13327  
Memphis, TN 38113

Subject: Amended Reregistration Label  
Product Name: Drexel Acephate 80 Seed Protectant  
EPA Registration Number: 19713-408  
Decision Number: 325571

Dear Ms. Chan:

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

NOTE: This product is **not** yet being reregistered under section 4(g) of FIFRA.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 01/27/2010

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.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment or the next printing of the label, whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the

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registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions about this letter, please contact Eric Bohnenblust by phone at (703) 347-0426, or via email at [Bohnenblust.eric@epa.gov](mailto:Bohnenblust.eric@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Gebken", written in a cursive style.

Richard Gebken  
Product Manager 10  
Invertebrate & Vertebrate Branch 2  
Office of Pesticide Programs

Enclosure



**ACCEPTED**  
 02/22/2017  
 Under the Federal Insecticide, Fungicide  
 and Rodenticide Act as amended, for the  
 pesticide registered under  
 EPA Reg. No. 19713-408

# *Acephate 80 Seed Protectant*

A systemic insecticide for treatment of Cotton seeds to help reduce injury to Cotton seedlings from thrips, cotton aphids and cutworms.

**ACTIVE INGREDIENT:**  
 Acephate (O,S-Dimethyl acetylphosphoramidothioate)..... 80.0%

**OTHER INGREDIENTS:** ..... 20.0%

**TOTAL:** .....100.0%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**See First Aid Below**

**EPA Reg. No. 19713-408**  
**EPA Est. No. 19713-XX-XXX**

**Net Content: 2 Lbs.**

<b>FIRST AID</b>
<p><b>IF SWALLOWED:</b></p> <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 by the poison control center or doctor.</li> <li>• Do not give anything to an unconscious person.</li> </ul>
<p><b>IF IN EYES:</b></p> <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 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>
<p><b>NOTE TO PHYSICIAN:</b>            Acephate is a cholinesterase inhibitor. If signs of cholinesterase inhibition appear, atropine is antidotal. 2-PAM may also be used in conjunction with atropine but should not be used alone.</p>
<p>Have the container or label with you when calling a poison control center or doctor, or going for treatment. You may also call CHEMTREC at 800-424-9300 for medical emergency.</p>

DOES NOT CONTAIN DYE.

408SP-0217\*P

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Materials that are chemical-resistant to this product are made of any waterproof material such as barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, natural rubber  $\geq$  14 mils, polyethylene, polyvinyl chloride  $\geq$  mils and viton  $\geq$  mils.

**Mixers, loaders, applicators and other handlers using engineering controls must wear:** Long-sleeved shirt and long pants, shoes and socks, and chemical-resistant gloves for all mixers and loaders and for applicators using handheld application equipment.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### Engineering Controls

Water soluble packets when used correctly qualify as a closed mixing/loading system under the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.340(d)(4)].

#### Mixers and loaders when using water soluble packets must:

- Wear the personal protective equipment required above for mixers/loaders, and
- Be provided, must have immediately available and must use in an emergency, such as broken package, spill, or equipment breakdown the following PPE: Coveralls, chemical-resistant footwear and a NIOSH approved particulate respirator with any N, R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with HE filter with NIOSH approval number prefix TC-21C.

## USER SAFETY RECOMMENDATIONS

**Users should:** 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds.

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water.

## DIRECTIONS FOR USE

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

Not for use on agricultural establishments in hopper box, slurry box, or other seed treatment applications at or immediately before planting.

Do not apply this product in a way that will contact workers or other person, either directly or through drift. Only protected handlers may be in the area during application.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

## **USE INSTRUCTIONS**

Do not handle the packets with wet gloves or allow the packets to become wet prior to addition to the spray tank. If only one packet is used, close and reseal outer container to protect the remaining packets.

To prepare the solution, drop the unopened packet of the product into the spray tank containing at least one-half the desired total quantity of water. Continue to add water with the agitator running until the desired volume is reached. Depending on the water temperature and degree of agitation, the packet should completely dissolve in approximately 5 minutes.

## **PRODUCT INFORMATION**

ACEPHATE 80 SEED PROTECTANT is a water soluble systemic insecticide which helps to reduce injury to Cotton seedlings by several insects. DOES NOT CONTAIN DYE.

### **Thrips and Cotton Aphids:**

This product gives effective reduction of these pests up to three weeks after planting.

### **Black (Greasy) Cutworm:**

This product gives effective reduction of black (greasy cutworm damage from planting through the 3 to 4 leaf stage of development. When planting seed into fields where large cutworms are present (5<sup>th</sup> instar and larger), economic damage may occur.

## **USE DIRECTIONS**

This product dissolves quickly in water with minimum agitation.

Follow all precautions and limitations on labeling of all products used in mixtures.

**COTTONSEED:** Thrips, Cotton aphids, Black (Greasy) cutworm – Use one 2 lb. water soluble packet to treat 500 pounds of seeds. Seed treatment may be made in a slurry tank or in sufficient water for thorough coverage with approved fungicides.

## **USE RESTRICTIONS**

The processing of treated seed for oil or use for food/feed is prohibited.

When using formulations that do not contain dye, to comply with 21 CFR Chapter 1, Section 2.5, all seeds treated with a pesticide must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

Seeds commercially treated with this product must be labeled in compliance with all the requirements of the Federal Seed Act. Seeds commercially treated with this product must be labeled as follows: "TREATED SEED. DO NOT USE FOR FOOD, FEED, OR OIL."

In addition, all bags containing treated seed must be labeled or tagged with the following information:

- This seed has been treated with Drexel Acephate 80 Seed Protectant, which contains acephate.
- Do not use treated seed for feed, food or oil processing.
- Cotton and Cottonseed grown or harvested from Drexel Acephate 80 Seed Protectant treated seed must not be used for feed or human consumption.
- Cottonseed grown and harvested from Drexel Acephate 80 Seed Protectant treated seed is only for industrial use and cannot be used for edible oil or any other human/feed consumption.
- Store treated seeds away from feeds and other foodstuffs.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves when handling treated seed.
- Dispose of seed packaging in accordance with local requirements.
- Exposed treated seed may be hazardous to birds and wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water. Cover or soil incorporate spilled treated seeds.
- Treated seed must be planted in the soil at a depth of 1 inch or greater.

## STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**PESTICIDE STORAGE:** Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in cool dry place. Protect from excessive heat. Do not store or transport near feed or food. For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-424-9300.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or dispose of bag in sanitary landfill, or by other procedures approved by state and local authorities.

## WARRANTY – CONDITIONS OF SALE

Our directions for use of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically directed, and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with the directions given herewith. To the extent consistent with applicable law, in no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with the directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

Manufactured For:



**Drexel Chemical Company**

P.O. BOX 13327, MEMPHIS, TN 38113-0327

**SINCE 1972**

The Drexel logo is a registered trademark of Drexel Chemical Company.