

# Acephate 90 SP®

Soluble Powder Insecticide

<b>ACTIVE INGREDIENT</b>	<b>By Wt.</b>
Acephate (O, S-Dimethyl acetylphosphoramidothioate) .....	90%
<b>OTHER INGREDIENTS</b> .....	10%
<b>TOTAL</b> .....	100%

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

Contains an organophosphate that inhibits cholinesterase.

<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 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 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>

**Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency medical treatment information, contact the Rocky Mountain Poison Control Center at 1-866-673-6671.**

### NOTE TO PHYSICIAN

Acephate is a cholinesterase inhibitor. Blood cholinesterase measurements may be useful to monitor exposure but treatment-related decisions may be needed before the results of the blood tests are available. 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.

**For Chemical Emergency Assistance (Spill, Leak, Fire or Accident), Call CHEMTREC 1-800-424-9300**

EPA Reg. No. 70506-2

EPA Est. No. 33560-TN-01

Batch/Lot # \_\_\_\_\_

**Net Contents: 1 lb.**



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## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes and clothing.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Some materials that are chemical-resistant to this product are butyl, nitrile, and neoprene. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.**

**Mixers, loaders, applicators and other handlers must wear:**

- long-sleeved shirt and long pants
- chemical resistant gloves for all mixers and loaders
- socks and shoes.

In addition, all mixers and loaders supporting hopper box seed treatments must wear:

- A NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N, R, P, or HE filter.

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.

### USER SAFETY RECOMMENDATIONS

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

For terrestrial uses, do not apply directly to water, or 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.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

### DIRECTIONS FOR USE

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

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

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

### 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 handlers 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 interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas until restricted-entry interval (REI) of 24 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 made of any waterproof material, shoes plus socks.

### NON-AGRICULTURAL USE REQUIREMENTS

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 plants on farms, forests, nurseries or greenhouses.

Do not enter or allow others to enter treated areas until dusts have settled.

### DIRECTIONS

ACEPHATE 90 SP is an insecticide which controls a wide range of important pests in selected crops and certain non-crop areas. The active ingredient is acephate, a water-soluble insecticide readily absorbed by plant roots and foliage to give systemic control of feeding insects. Insect pests are generally controlled more effectively by ACEPHATE 90 SP through ingestion than by contact. Application of ACEPHATE 90 SP to maintain control should be repeated only as directed.

FAILURE TO FOLLOW THE DIRECTION FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, AND/OR ILLEGAL RESIDUES.

### PLANTER BOX SEED TREATMENT - PEANUTS

PESTS CONTROLLED	AMOUNT OF ACEPHATE 90 SP PER 100 LBS OF PEANUT SEED	APPLICATION INSTRUCTIONS	RESTRICTIONS
Thrips	3.5 oz.	<p>Apply ACEPHATE 90 SP at a rate of 3.5 oz. per 100 lbs. of peanut seed in the planter box as a dry powder. For acceptable insect control, even coverage of seed is required.</p> <p>To ensure complete and thorough coverage, follow these directions for mixing:</p> <p>Fill 1/3 of the planter box with seed. Evenly apply 1/3 of the total amount of ACEPHATE 90 SP over the top of the seeds.</p> <p>Fill the planter box with the remaining 2/3 of seed. Evenly apply another 1/3 of the total amount of ACEPHATE 90 SP over the top of the seeds.</p> <p>Add the remaining seed followed by an even distribution of the rest of the ACEPHATE 90 SP over the top of the seeds.</p> <p>Do not stir the ACEPHATE 90 SP-treated seeds. Stirring will cause damage to the seeds.</p>	<p>Do not apply more than 4.4 lbs. ACEPHATE 90 SP/A (4.0 lbs. a.i./A) per season. This includes the use of ACEPHATE 90 SP on peanuts as a foliar spray in addition to the peanut planter box seed treatment use.</p> <p>Do not use treated seed for food or feed.</p>

## TOBACCO

### TOBACCO SOIL MOUND APPLICATION

PESTS CONTROLLED	AMOUNT OF ACEPHATE 90 SP	APPLICATION INSTRUCTIONS	RESTRICTIONS
Ants (excluding carpenter and pharaoh)	Dry Method: Evenly distribute 1 to 2 teaspoons over the mound.	For best results apply the material in the early morning or late afternoon when the ants are most active.	Do not apply more than 4.4 lbs./A (4 lbs. a.i./A) per season. This includes the use of ACEPHATE in transplant water, plant bed, soil, float bed (greenhouse), and foliar applications. Allow at least 3 days to elapse between final application and harvest. Treat a maximum of 13 mounds per acre. Do not treat more than once per season.

## NON-CROP AREAS

### FIELD BORDERS, FENCEROWS, ROADSIDES, DITCHBANKS, AND BORROW PITS

PESTS CONTROLLED	AMOUNT OF ACEPHATE 90 SP	APPLICATION INSTRUCTIONS
Imported Fire Ants and Harvester Ants	Mound Treatment — Dry Method: Evenly distribute 1 to 2 teaspoons over the mound.	For best results apply the material in the early morning or late afternoon when the ants are most active. Grass in treated area may be injured. Do not treat mound more than once per season.

## TURFGRASS (RESIDENTIAL, RECREATIONAL AND COMMERCIAL TURF)

### MOUND TREATMENT OF FIRE ANTS AND HARVESTER ANTS

PESTS CONTROLLED	AMOUNT OF ACEPHATE 90 SP	APPLICATION INSTRUCTIONS
Imported Fire Ants and Harvester Ants	Mound Treatment — Dry Method: Evenly distribute 1 to 2 teaspoons over the mound.	For best results apply the material in the early morning or late afternoon when the ants are most active. Grass in treated area may be injured. Do not allow livestock to graze treated areas. Do not feed treated grass to livestock. Do not treat mound more than once per season.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep pesticide in original container. Do not put concentrated or dilute product into food or drink containers. Store in a cool, dry place. Protect from excessive heat. Do not contaminate food or feedstuffs. Do not store near feed or food.

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

### CONTAINER HANDLING:

**Nonrefillable container. Do not reuse or refill this container.**

Completely empty container by shaking and tapping sides and bottom to loosen clinging particles. Then offer for recycling if available or dispose of empty container in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## IMPORTANT INFORMATION READ BEFORE USING PRODUCT

### 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 reflect the opinion of experts based on field use and tests and must be followed carefully. It is impossible to eliminate all risks 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 United Phosphorus, Inc. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of United Phosphorus, Inc. and Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold United Phosphorus, Inc. and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, United Phosphorus, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. 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 United Phosphorus, Inc., and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, UNITED PHOSPHORUS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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