



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number

59639-85

Date of Issuance

DEC 13 1993

Term of Issuance Conditional

Name of Pesticide Product

Orthene 80 WSP Seed  
Protectant

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Valent U.S.A. Corporation  
1333 N. California Blvd.  
P.O. Box 8025  
Walnut Creek, CA 94596-8025

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Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his 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 this 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes before you release the product for shipment:

- a. Add the phrase, "EPA Registration No. 59639-85".
- b. In lieu of the required labeling imposed under the Worker Protection Standard(WPS) for agricultural products, (40 CFR) part 156, subpart K), the following statement must be added to the label. Refer to Supplement F of PR Notice 93-11 regarding WPS labeling.

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

- c. Delete the words, "By Wt." from the active ingredient statement. If desired, it may appear on the label below the ingredient statement as a footnote for both the active and inert ingredients.

Signature of Approving Official

Date

DEC 13 1993

3. Submit two copies of the final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

It should be noted for the record that the active ingredient in this product does not qualify for the formulator's exemption and that your Formulator's Exemption Statement submitted for the subject product was not considered in our evaluation of the subject product. Your submitted "Certification With Respect to Citation of Data" form citing the cite-all method of support submitted in conjunction with your citation of a registered similar product is considered sufficient to satisfy the requirements and procedures of 40 CFR Part 152 subpart E.

Sincerely yours,

Robert A. Forrest  
Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (7504C)

**BEST AVAILABLE COPY**

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DRAFT



# ORTHENE

## 80 WSP Seed Protectant

(Insecticide in a water-soluble bag)

A SYSTEMIC INSECTICIDE FOR TREATMENT OF COTTON SEEDS TO HELP REDUCE INJURY TO COTTON SEEDLINGS FROM THRIPS, COTTON APHIDS, CUTWORMS AND SEEDCORN MAGGOT

Active Ingredient By Wt.

\*Acephate (O,S-Dimethyl acetylphosphoramidothioate)...80%

Inert Ingredients.....20%

\*ORTHENE® Reg. TM of Chevron Chemical Company for acephate insecticide.

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

**BEST AVAILABLE COPY**

NET WEIGHT 10 POUNDS

in EPA Letter Dated

DEC 13 1993

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

59639-85

**DOES NOT CONTAIN DYE**

### PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

## CAUTION

Harmful if swallowed. Causes eye irritation. Avoid contact with eyes, skin and clothing. Avoid breathing dust or spray mist. Wash hands thoroughly after handling.

### STATEMENT OF PRACTICAL TREATMENT:

If swallowed, drink 1 or 2 glasses of water (or milk) and induce vomiting by touching the back of the throat with finger. If possible contact a physician, Poison Control Center or emergency room before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest emergency treatment center. In case of eye contact, wash eyes with fresh water for 15 minutes. If irritation continues, see a doctor. In case of skin contact, wash skin with plenty of soap and water. If inhaled, remove person from exposure area.

Note to Physicians: Emergency information-call 1-800-892-0099. 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.

### WORKER SAFETY

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT: DURING MIXING/LOADING, REPAIR, AND CLEANING OF MIXING, LOADING, AND APPLICATION EQUIPMENT, AND DISPOSAL OF THE PESTICIDE: chemical-resistant gloves, long-sleeved shirt, long-legged pants, shoes and socks. WORK SAFETY: Always wash hands, face, and arms with soap and water before smoking, eating, drinking or toileting. AFTER WORK: After removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower and wash hair with soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Personal and protective clothing worn during work must be laundered separately from household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to birds. Do not contaminate water bodies with cleaning of equipment or disposal of wastes. Dispose of excess treated seeds or wastes away from water supplies. Do not allow treated seed to be exposed on soil surfaces. Cover and incorporate spills.

### 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.

### USE PRECAUTION

When using formulations that do not contain dye, to comply with 21 CFR Chapter 1, Section 162.10, all seed treated with a pesticide must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

ORTHENE 80 WSP Seed Protectant is a water soluble systemic insecticide which helps protect cotton seedlings from injury by several insects.

#### Thrips and Cotton Aphids:

ORTHENE 80 WSP Seed Protectant gives effective reduction of these pests up to three weeks after planting:

#### Black (Greasy) Cutworm:

ORTHENE 80 WSP Seed Protectant gives effective reduction of Black (Greasy) Cutworm from planting through the 3 to 4 leaf stage of development. When planting seed into fields where large cutworms are present (5th instar and larger) economic damage may occur.

#### Seedcorn Maggot:

ORTHENE 80 WSP Seed Protectant effectively reduces feeding by Seedcorn Maggot on germinating and emerging cotton seedlings.

# DO NOT CONTAIN DYE

## PRECAUTIONARY STATEMENTS

HUMANS & DOMESTIC ANIMALS

## UTION

lowed. Causes eye irritation. Avoid contact with eyes, skin and clothing. Avoid or spray mist. Wash hands thoroughly after handling.

### DF PRACICAL TREATMENT:

rink 1 or 2 glass of water (or milk) and induce vomiting by touching the back of finger. If possible contact a physician, Poison Control Center or emergency center vomiting. Do not induce vomiting or give anything by mouth to an unconscious person and product container to the nearest emergency treatment center. In case of ash eyes with fresh water for 15 minutes. If irritation continues, see a doctor. For ash skin with plenty of soap and water. If inhaled, remove person from exposure

Plans: Emergency Information-call 1-800-892-0099. Acephate is a cholinesterase s of cholinesterase inhibition appear, atropine is antidotal 2 PAM may also be used with atropine but should not be used alone.

### ETY

EN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT  
GLOADING, REPAIR, AND CLEANING OF MIXING, LOADING, AND APPLICA-  
ENT, AND DISPOSAL OF THE PESTICIDE: chemical-resistant gloves, long-  
ing-legged pants, shoes and socks. WORK SAFETY: Always wash hands, face  
soap and water before smoking, eating, drinking or toileting. AFTER WORK: Before  
s, wash them with soap and water. Take off all work clothes and shoes. Shower  
water. Wear only clean clothes when leaving job. Do not wear contaminated  
nal and protective clothing worn during work must be laundered separately from  
les. Store protective clothing separately from personal clothing. Clean or launder  
ing after each use.

TAL HAZARDS: This pesticide is toxic to birds. Do not contaminate water by  
ipment or disposal of wastes. Dispose of excess treated seeds or wastes by burial  
r supplies. Do not allow treated seed to be exposed on soil surfaces. Cover or soil  
ls.

## NS FOR USE:

if Federal Law to use this product in a manner inconsistent with its labeling.

LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATE-  
IRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

## CAUTION

ulations that do not contain dye, to comply with 21 CFR Chapter 1, Section 2.5,  
with a pesticide must be colored to distinguish and prevent subsequent  
as a food for man or feed for animals.

VSP Seed Protectant is a water soluble systemic insecticide which helps to reduce  
seedlings by several insects.

### ton Aphids:

VSP Seed Protectant gives effective reduction of these pests up to three weeks

### Cutworm:

VSP Seed Protectant gives effective reduction of Black (Greasy) Cutworm damage  
rough the 3 to 4 leaf stage of development. When planting seed into fields where  
are present (5th instar and larger) economic damage may occur

### got:

VSP Seed Protectant effectively reduces feeding by Seedcorn Maggot on  
emerging cotton seedlings

## DIRECTIONS

COTTONSEED: Thrips, Cotton Aphids, Black (Greasy) Cutworm: Use Entire Package at a rate  
of 2 oz. per 100 lbs. seed in enough water to give adequate coverage of the seed. ORTHENE 80  
WSP Seed Protectant can be applied as a separate treatment or can be mixed in the slurry tank  
with most of the fungicide treatments in common use.

The inner bag containing ORTHENE 80 WSP Seed Protectant is water soluble. Do not cut open  
the inner bag; put it directly into the slurry tank. Do not allow the inner bag to become wet prior to  
added to the slurry tank. Do not handle with wet gloves.

To prepare the seed treatment slurry, add ORTHENE 80 WSP Seed Protectant to water in the  
tank with the agitator running. ORTHENE 80 WSP Seed Protectant should be the first product  
added to the slurry tank. Depending on the water temperature and the degree of agitation, the bag  
and product should completely dissolve in approximately 5 minutes.

Observe all cautions and limitations on labeling of all products used in mixtures. Treated seed  
must not be used for or mixed with food or animal feed, or processed for oil. ORTHENE 80 WSP  
Seed Protectant treated seeds sold or shipped as feed or foodstuffs may be considered  
adulterated under state and federal laws. Seed commercially treated with ORTHENE 80 WSP  
Seed Protectant should be labeled as follows: "TREATED SEED. DO NOT USE FOR FOOD,  
FEED OR OIL."

## STORAGE AND DISPOSAL

### PROHIBITIONS:

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open  
dumping is prohibited.

### 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

1-800-892-0099, or Chemtrec 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 DISPOSAL:

Do not reuse the outer bag. Dispose of the outer bag in a sanitary landfill or by incineration if  
allowed by State and local authorities

### IMPORTANT INFORMATION. READ BEFORE USING PRODUCT.

LIMITED WARRANTY: 1. Valent U.S.A. Corporation warrants that this product conforms to the  
chemical description on the label and is reasonably fit for use under average conditions when  
used strictly in accordance with the directions on the labeling. Valent does not make nor  
authorizes any agent or representative to make, any other warranty guarantee or representation,  
express or implied, concerning this product. Specifically, NO IMPLIED WARRANTY OF  
MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.

2. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in  
connection with the use of this product. Such risks include, but are not limited to damage to plants  
and crops to which product is applied lack of complete control over the handling and application of  
this product, and damage caused by drift to other plants or crops. Such risks occur even though  
the product is reasonably fit under average conditions for the uses stated on the labeling and even  
though label directions are followed. Buyer and user acknowledge and assume all risks and  
liability (except those assumed by Valent under 1 above) resulting from handling, storage, and use  
of the product.

3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the  
product

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Manufactured for Valent U.S.A. Corporation Walnut Creek CA 94596-8025 Made in U.S.A.

Form \_\_\_\_\_ EPA Est. 39578-TX-01

EPA Reg. No. 59639-\_\_\_\_\_

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