

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS & DOMESTIC ANIMALS

CAUTION:

Harmful if swallowed. May be irritating to the eyes. Do not breathe spray mist. Avoid eye or skin contact with spray mist. In case of eye or skin contact, flush with plenty of clear water. If eye irritation persists, see a physician.

Note to Physicians: Emergency Information - call (415) 233-3737. ORTHENE 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.

ENVIRONMENTAL HAZARD

Avoid direct application to lakes, ponds and streams. Do not contaminate water by cleaning of equipment and disposal of wastes. This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

DIRECTIONS FOR USE

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

To be used by or under supervision of personnel involved in state or federal control programs.

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

STORAGE AND DISPOSAL

PROHIBITIONS

DO NOT REUSE EMPTY CONTAINER.

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 CONTAMINATE FOOD OR FOODSTUFFS. DO NOT STORE OR TRANSPORT NEAR FEED OR FOOD.

CONTAINER DISPOSAL

DESTROY CONTAINER BY PERFORATING OR CRUSHING. PURRY OR DISCARD IN A SAFE PLACE AWAY FROM WATER SUPPLIES.



ORTHO

ORTHENE®  
Forest Spray

Active Ingredient	ByWt.
*Acephate (O, S-Dimethyl acetylphosphoramidothioate)	75%
Inert Ingredients	25%
*U.S. Pat. No. 3,716,600	

KEEP OUT OF REACH OF CHILDREN  
CAUTION

STATEMENT OF PRACTICAL TREATMENT

In case of eye or skin contact, flush with plenty of clear water.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Chevron Chemical Company

Ortho Division/San Francisco CA 94119 Richmond CA 94804

Product 5291 Made in U.S.A.

R Form 9084-A

EPA Reg. No. 239-2443 EPA Est. 239 CA 1

NET WEIGHT

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MAY

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Reg. No.

DIRECTIONS

For Some Foliage Protection Against Defoliated Forests—Apply with aircraft 1/2 gal. of water per acre (50 lbs.) after foliage expansion and insecticide application. Adjust application rate for suppression of light to maximum desired. Prepare solution in mixing tank. Fill aircraft spray tank.

Do not apply under conditions involving other plantings that might be rendered unfit for sale, use or disposal.

CONDITIONS OF SALE: 1. Chevron warrants that this material conforms to the label and is reasonably fit for the use intended. Chevron neither makes, nor authorizes any other warranty of FITNESS or MERCHANTABILITY, express or implied. 2. Critical and unforeseeable factors may prevent it from eliminating all risks to plants and crops to which the material is applied, and damage caused by such risks occur even though the product is used in accordance with the label and user acknowledge and assume these assumed by Chevron under conditions of sale, storage, and use of this material.

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### Chevron Chemical Company

Ortho Division/San Francisco CA 94119      Richmond CA 94804  
 Product 5291      Made in U.S.A.  
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**NET WEIGHT** \_\_\_\_\_

ACCEPTED

MAY 7 1976

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended for the pesticide  
registered under  
EPA Reg. No. 239-2443

### DIRECTIONS

**For Some Foliage Protection Against Gypsy Moth Larvae in Infested Forests**—Apply with aircraft equipment using ¾ lb. to 1 lb. in ½ gal. of water per acre (50 lbs. to 67 lbs./50 gal./100 A). Apply after foliage expansion and insect hatch have begun. Use the low rate for suppression of light to moderate populations. Use the high rate for heavy populations and where extended residual control is desired. Prepare solution in mixing tank with good agitation prior to filling aircraft spray tank.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops there- or rendered unfit for sale, use or consumption.

**CONDITIONS OF SALE:** 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material. 2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

# DANGER!

POISONOUS BY SKIN CONTACT, INHALATION OR SWALLOWING • RAPIDLY ABSORBED THROUGH THE SKIN • REPEATED INHALATION OR SKIN CONTACT MAY CAUSE SERIOUS ILLNESS • PREPARE SELF FOR POSSIBLE EFFECTS OF POISONING

### Do Not Get In Eyes, On Skin, On Clothing

Wear clean rubber gloves, goggles and clean waterproof or freshly laundered protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently. Wash thoroughly with soap and warm water before eating or smoking. Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before re-use. In case of contact, immediately remove contaminated clothing and wash skin thoroughly with soap and water.

### Do Not Breathe Mist

Wear a mask or respirator of a type approved by the National Institute for Occupational Safety and Health (NIOSH) for organic phosphate protection. If handled indoors, provide mechanical exhaust ventilation. Remove unauthorized persons from operating area.

### Do Not Contaminate Food or Feed Products

### Not for Use or Storage in or around the Home

Cover spillage with an absorbent such as a soda ash, lime, clay or sawdust. Sweep up and bury. Wash area thoroughly with a full-strength, liquid household chlorine bleach.

This product is toxic to fish and wildlife. Keep out of any body of water. Treated seeds exposed on soil surface may be hazardous to birds and other wildlife. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

DISPOSAL OF DRUMS: Drain drum completely. Add 5 gallons of water, 1 cup of detergent and 2 pounds of lye. Tighten bungs. Rotate drum to wet all surfaces and rec sand for at least 15 minutes. Drain completely and rinse several times with water. Tighten bungs. Transport to a professional drum reconditioner having burning equipment for reconditioning.



In case of an emergency endangering life or property involving this product, call collect, day or night. Area Code 201-835-3100.

Antidote: Atropine is an antidote. Consult your physician about obtaining a supply of 1-100 grain (0.6 milligram) tablets for emergency use. If symptoms include blurred vision, stomach cramps or tightness in chest, don't wait for a physician but take two tablets at once. Do not take atropine unless symptoms of poisoning have occurred. Anyone who has been sick enough to have taken atropine must be seen by a physician as soon as possible.

### FIRST AID

If swallowed, induce vomiting by sticking finger down throat or by giving soapy water to drink. Repeat until vomit is clear. Never give anything by mouth to an unconscious person.

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen.

In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

### CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED POISONING

NOTE TO PHYSICIANS: Warning symptoms include weakness, headache, tightness in chest, blurred vision, nonreactive pinpoint pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps. Give atropine intramuscularly or intravenously, depending on severity of poisoning, 2 to 4 milligrams (3 to 6 tablets, 1-100 grain each) every 10 minutes until fully atropinized as shown by dilated pupils, dry flushed skin and tachycardia. Twenty to thirty milligrams, or more, may be required during the first 24 hours. Never give opiates or phenothiazine tranquilizers. Clear chest by postural drainage. Artificial respiration or oxygen administration may be necessary. Observe patient continuously for at least 48 hours. Allow no further exposure to any cholinesterase inhibitor until cholinesterase regeneration has taken place as determined by blood tests.

Pralidoxime chloride (2-PAM; PROTOPAM chloride) may be effective as an adjunct to atropine. Use according to label directions.

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Made and Printed in U.S.A.



ORGANIC PHOSPHATE COMPOUND, LIQUID, N.O.S.

### DIRECTIONS FOR USE

For the control of early season insects (aphids, black cutworms, leafhoppers, thrips, whiteflies) and mites on cotton, use 1 quart THIMET LC-87 to treat 150 lbs. of cotton seed. Wet the seed uniformly and dry immediately after treatment. Sticker may be used to improve adhesion of THIMET.

Plant treated seed at the rate of 15-20 pounds per acre

Do not use treated seed for food, feed or oil purposes

REFER TO SAMPLE LABEL FOR TREATED COTTON SEED

### DISCLAIMER

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use

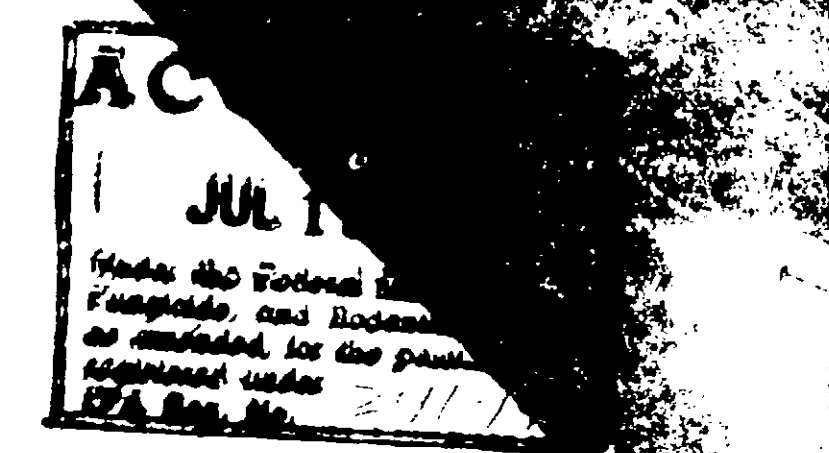
Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc.

American Cyanamid Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY.

BUYER assumes the risk of any use contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable by American Cyanamid Company

AMERICAN CYANAMID COMPANY  
AGRICULTURAL DIVISION  
PRINCETON, N. J. 08540

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# THIMET

## SYSTEMIC

FOR USE ONLY IN THE TREATMENT OF COTTON

DANGER! KEEP OFF

See Side Panel for Ar

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until the label



Net Content: 1 Gallon (128 fl. oz.)  
(1 gallon contains 1.5 lbs. of active ingredient)  
EPA Reg. No. 241-141-AA  
Net Content: 1 Gallon

**SAMPLE LABEL FOR TREATED COTTON SEED**

**COTTON SEED**

**THIS SEED IS NOT FOR HUMAN OR ANIMAL CONSUMPTION AND SHOULD NOT BE USED FOR FOOD, FEED, OR PRESSED INTO OIL**

**PLANTING TREATED SEED INSTRUCTIONS**

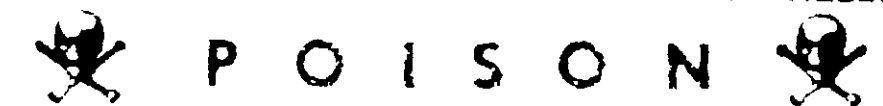
This cotton seed has been treated at the rate of \_\_\_\_\_ pounds of THIMET LC-87 per \_\_\_\_\_ pounds of seed and should be planted at a rate of \_\_\_\_\_ pounds per acre. The planting rate should be closely observed.

For the control of early season insects (aphids, black cutworms, leafhoppers, thrips, whiteflies) and mites, use certified (or its equivalent) grade cotton seed correctly treated with THIMET LC-87.

The soil temperature should be above 65° F. Soil moisture and tillth should be favorable for good germination and emergence. Under adverse planting conditions, plant stand might be affected.

This product is toxic to fish and wildlife. Keep out of any body of water. Treated seeds exposed on soil surface may be hazardous to birds and other wildlife. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

**PRECAUTIONS: TREATED SEED PLANTED IN HEAVY SOILS MAY RESULT IN REDUCED STAND AND YIELD.**



**This cotton seed has been treated with chlorate.**

POISONOUS BY SKIN CONTACT, INHALATION, OR SWALLOWING. WATER-INSOLUBLE. TOXICITY BY INGESTION. REPEATED OR PROLONGED CONTACT MAY BE DANGEROUS. PROGRESSIVE AND PERMANENT DAMAGE MAY BE CAUSED BY POISONING.

**FOLLOW THESE PRECAUTIONS IN HANDLING THE TREATED SEED: DO NOT GET IN EYES, ON SKIN, ON CLOTHING**

Wear clean rubber gloves, goggles, and clean waterproof or freshly-laundered protective clothing (coveralls, rubber boots, cap, etc.). Destroy and replace gloves frequently.

Wash thoroughly with soap and warm water before eating or smoking. Bathe immediately after work and change all clothing. Wash clothing thoroughly with soap and hot water before re-use.

In case of contact, immediately remove contaminated clothing and wash skin thoroughly with soap and water.

**DO NOT BREATHE VAPOR**

Load seedler outdoors only while wearing a mask or respirator of a type approved by the National Institute for Occupational Safety and Health (NIOSH) for organic phosphate protection.

**DO NOT CONTAMINATE FOOD OR FEED PRODUCTS**

Sweep up spillage; burn empty containers, never re-use.

Stay out of smoke or fumes.

Remove domestic animals and unprotected persons from operating area. Take precautions to prevent persons and domestic animals from recovering treated seed from ground.

**ATROPINE IS AN ANTIDOTE— CONSULT PHYSICIAN FOR EMERGENCY SUPPLY**

Pralidoxime chloride (2-PAM, PROTOPAM chloride) may be effective as an adjunct to atropine. Use according to label directions.

**See Side Panel of Container Label for First Aid Treatment**



# THIMET<sup>®</sup> LC-87

## SYSTEMIC INSECTICIDE

FOR USE ONLY IN THE TREATMENT OF COTTON SEED BY SEED TREATERS

**DANGER! KEEP OUT OF REACH OF CHILDREN**



See Side Panel for Antidote and Other Warnings

**PELIGRO!** AL USUARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.  
(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you)

**CYANAMID**

Active ingredient: **(S,S)-diethyl S-[(ethyldio)ethyl] phosphorodithioate** ... 90.0%

(1 gallon contains 8.7 lbs. of Pherate)

Net Weight 341-141-AA

EPA Est. No. 241-PL-2

24640-01

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ON

OUND, LIQUID, N.O.S.

OR USE

cutworms, leafhoppers, thrips, whiteflies) and 50 lbs. of cotton seed. Wet the seed uniformly to improve adhesion of THIMET LC-87.

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aterial contained herein conforms to the chemical use therein described when used in accordance with the label directions.

all be limited to direct damages, and shall not include profits or values, etc. No implied warranty, including any other express or implied warranty.

Instructions, or under abnormal conditions, or in Cyanamid Company.

**AMID COMPANY**  
DIVISION  
J. 08540