



ORTHO

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with eyes, skin or clothing. Avoid breathing vapors. Remove and launder contaminated clothing before reuse. If swallowed, promptly drink a large quantity of water and induce vomiting. Get medical attention immediately. In case of eye contact, immediately flush eyes with fresh water for 15 minutes. Get medical attention if irritation persists. For skin contact, wash with soap and water.

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

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.

ENVIRONMENTAL HAZARDS

Do not apply directly to water.

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.

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

STORAGE AND DISPOSAL

PROHIBITIONS

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

PESTICIDE DISPOSAL

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable federal, state or local procedures.

CONTAINER DISPOSAL

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner and container in a sanitary landfill or by incineration if allowed by state and local authorities.

Active Ingredient	By Wt.
*Acephate (O,S-Dimethyl acetylphosphoramidothioate)	97%
Inert Ingredients	3%
*U.S. Pat. No. 3,716,600	

**KEEP OUT OF REACH OF CHILDREN
CAUTION**
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

NET WEIGHT _____



ORTHENE[®] Specialty Concentrate

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Inert Ingredients	3%
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CAUTION**
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NET WEIGHT _____

DIRECTIONS

PASTURES, RANGELAND AND WASTELAND: Grasshoppers — Apply 0.094 to 0.125 lb. active ingredient per acre in 1 qt. water by air. ORTHOTROL or Nalcotrol may be added to aid in controlling drift and reducing evaporation. Use the higher rate of ORTHENE in thicker vegetation or on larger insects. Do not apply when lactating dairy cattle are present. Do not pasture or feed treated hay to lactating dairy cattle within 21 days after application. Do not remove hay from treated area within 21 days after application. Remove meat animals from treated areas at least 1 day before slaughter if they were present at application or grazed treated areas within 21 days after application. Do not make more than 1 application per season.

FOREST USES

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

For Some Foliage Protection Against Gypsy Moth Larvae in Infested Forests — Apply with aircraft equipment using 52 lb. to 77 lb. (0.5 to 0.75 lb. active) in 1/2 gal. of water per acre. 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.

Aerial (Helicopter) Application for Suppression of Larval Populations of Western Spruce Budworm — Apply .52 lb. (0.5 lb. active) in 1 gal. water per acre.

Aerial Application for Suppression of Larval Populations of Spruce Budworm — Apply 52 lb. (0.5 lb. active) in 1/4 to 1/2 gal. water per acre.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof 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.

Chevron Chemical Company
Ortho Agricultural Chemicals Division
San Francisco CA 94120-7144 Richmond CA 94804-0036
Product 5478 Made in U.S.A.
Form 9639-D EPA Est. 239-CA-1
EPA Reg. No. 239-2486-AA

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CHEVRON CHEMICAL COMPANY
UNTIL ACCEPTED BY EPA

BEST DOCUMENT AVAILABLE

COPY A

Aerial Applications for Suppression of Larval Populations of Douglas
Fir Tussock Moth - Apply .77 lb. (0.75 lb. active) in 1 gal. of water
per acre.

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ACCEPTED
JUN 28 1983
U.S. ENVIRONMENTAL PROTECTION AGENCY
EPA Reg. No. 239-248