

ORTHENE Specialty Concentrate
EPA Reg. No. 59639-30
Submitted December 19, 1989



ORTHENE®

Specialty Concentrate

(INSECTICIDE)

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-8

DATE: APR 24 1990

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing dust, sprays, or vapors. Wash thoroughly with soap and water after handling. Remove and launder contaminated clothing before reuse.

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 center 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 immediately with fresh water for at least 15 minutes. See a doctor if irritation persists. If inhaled, remove person from exposure area. For skin contact, wash skin with plenty of 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.

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 AND [areas for which a reentry interval has been established] EARLY REENTRY INTO TREATED AREAS: chemical-resistant gloves, long sleeved shirt, long legged pants, shoes and socks. If over-head exposure is likely such as during flagging, wear a hood or wide brimmed hat. **WORK SAFETY:** Always wash hands, face and arms with soap and water before smoking, eating, drinking or toileting. **AFTER WORK:** Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using 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. Applications may adversely affect birds in treatment areas. Do not apply directly to water or wetlands except under forest canopy. Cover or soil-incorporate spills. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Active Ingredient	By Wt.
*Acephate (O,S-Dimethyl acetylphosphorothioate)	97%
Inert Ingredients	3%

*ORTHENE®, Acephate U.S. Pat. No. 3,716,600

KEEP OUT OF REACH OF CHILDREN
CAUTION

SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS.

NET WEIGHT

Manufactured for
Valent U.S.A. Corporation © 1989
Walnut Creek CA 94596-8025
Product 5478 Made in U.S.A.
R Form 268-B
EPA Reg. No. 59639-30-AA

EPA Est. 239-0A-1



ORTHENE®

Specialty
Concentrate

INSECTICIDE)

NOTIFICATION:
LABEL NOT REVIEWED
PER FR NOTICE 88-6
DATE APR 24 1990

Ingredient	By Wt.
Orthene (O,S-Dimethyl acetylphosphara	
Orthene (O,S-Dimethyl acetylphosphara	97%
Orthene (O,S-Dimethyl acetylphosphara	3%

ORTHENE®, Acephate U.S. Pat. No. 3,716,600

OUT OF REACH OF CHILDREN
UTION
SIDE PANEL FOR ADDITIONAL
TIONARY STATEMENTS.

BY WEIGHT

for
U.S.A. Corporation
CA 94596 8025
Made in U.S.A.
59039 30 AA
EPA Est. 239-04.1

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.

DIRECTIONS

Do not apply this product through any type of irrigation system.

PASTURES, RANGELAND AND WASTELAND: Grasshoppers, Mormon Crickets and Black Grass Bugs — Apply 0.094 to 0.125 lb. active ingredient per acre in 1 qt. water by air. An approved drift retardant additive 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 Application for Suppression of Larval Populations of Douglas Fir Tussock Moth — Apply .77 lb. (0.75 lb. active) in 1 gal. of water per acre.

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

STORAGE AND

PROHIBITIONS

Do not contaminate water, food or cleaning of equipment. Open dumping is prohibited.

STORAGE

Keep pesticide in original container. Do not put concentrate or dilute in food or feed. Store in cool, dry place. Protect from excessive heat. Do not contaminate food or feed. Do not store or transport near food. For help with any spill, leak, fire or material, call day or night (415) 555-5555.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product should be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Completely empty liner by shaking bottom to loosen clinging particles. Do not reuse for any other purpose. Do not reuse as a sanitary landfill or by incineration. Local authorities. If drum is contaminated, dispose of in the same manner.

IMPORTANT INFORMATION. READ

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 conditions strictly in accordance with the directions on the label. Valent does not make nor authorizes anyone to make, any other warranty, guarantee or implied, concerning this product. **WARRANTY OF MERCHANTABILITY AND PARTICULAR PURPOSE IS MADE.** 2. Critical and unforeseeable factors may prevent it from eliminating all risks of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, and damage caused by drift to other plants and crops. Even though the product is reasonably effective under the conditions for the uses stated on the label, directions are followed. Buyer assumes all risks and liability (except those stated above) resulting from handling, storage, use or disposal. 3. Precautions stated on the label must be followed to avoid hazardous exposure to the product.

ORTHENE® Reg. TM of Valent U.S.A. Corporation
acephate insecticide.