PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or inhaled. Avoid contact with eyes or clothing. 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.

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

Acephate is a cholinesterase inhibitor. If signs of cholinesterase inhibition appear, atropine sulfate or 2-PAM may also be used in conjunction with atropine but should not be used alone.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds. Do not apply directly to water or wetlands. 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 treatment area.

ENDANGERED SPECIES RESTRICTIONS

The following restrictions apply to use of this product after February 1, 1988.

Before using this pesticide on range and or pasture land in the counties listed below, you must consult the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES for the county in which the product is to be used. The bulletin is available from your County Extension Agent, State Fish and Game Office, or your pesticide dealer. **Use of this product in a manner inconsistent with the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES is a violation of Federal laws.**

ARIZONA (Pima) **CALIFORNIA** (Butte, Colusa, Fresno, Glenn, Inyo, Kern, Kings, Los Angeles, Madera, Merced, Monterey, Orange, Riverside, San Luis Obispo, Santa Barbara, Solano, Stanislaus, Sutter, Tehama, Tulare, Ventura and Yolo) **FLORIDA** (Statewide) **GEORGIA** (Appling, Atkinson, Bacon, Baker, Ben Hill, Bleckley, Burrien, Brandley, Brooks, Bryan, Bulloch, Calhoun, Camden, Candler, Charlton, Chatham, Clinch, Coffee, Colquitt, Cook, Crisp, Decatur, Dodge, Dooly, Dougherty, Early, Effingham, Emanuel, Evans, Glynn, Grady, Irwin, Jeff Davis, Jenkins, Johnson, Lanier, Laurens, Lee, Liberty, Long, Lowndes, Macon, McIntosh, Miller, Mitchell, Montgomery, Pierce, Pulaski, Screven, Seminole, Telfair, Tattnall, Thomas, Tift, Toombs, Treutlen, Turner, Ware, Wayne, Wheeler, Wilcox and Worth) **HAWAII** (Islands of Maui, Hawaii and Kauai) **IDAHO** (Bear Lake, Bonneville and Caribou) **KANSAS** (Clark, Comanche, Meade and Stafford) **MISSISSIPPI** (Jackson) **MONTANA** (Garfield, McCone, Sheridan and Valley) **NEBRASKA** (Boyd, Brown, Buffalo, Butler, Cass, Cedar, Colfax, Dawson, Dodge, Douglas, Hall, Hamilton, Holt, Howard, Kearney, Keya Paha, Knox, Merrick, Nance, Phelps, Platte, Polk, Rock, Sarpy and Saunders) **NEW MEXICO** (Hidalgo) **NORTH DAKOTA** (Benson, Bottineau, Burleigh, Burke, Divide, Dunn, Eddy, Emmons, Foster, Kidder, Logan, McHenry, McIntosh, McKenzie, McLean, Mercer, Morton, Mountrail, Nelson, Oliver, Pierce, Ramsey, Ransville, Rolette, Sheridan, Sioux, Stutsman, Towner, Ward, Wells and Williams) **SOUTH DAKOTA** (Aurora, Clay, Hanson, Hughes, Potter, Stanley, Sully, Union, Walworth, Yankton and Ziebach) **UTAH** (Washington) **WYOMING** (Big Horn and Sublette)

ENDANGERED SPECIES RESTRICTIONS

Before using this product in forests in a county listed below, you must contact the Endangered Species Specialist in the Regional Field Office of the U.S. Fish and Wildlife Service (FWS) indicated below. You must provide FWS with your name and phone number, the product you intend to use, and the specific location in which you intend to use it. The U.S. Fish and Wildlife Service will inform you whether your proposed use is in the range of endangered species. **Use of this product in the range of endangered species, as defined by FWS, is prohibited.**

Contact FWS Field Offices at the following numbers

ALABAMA (Jackson, Mississippi) 601 965 4900)

Baldwin Bibb, Butler, Calhoun, Chilton, Clay, Cleburne, Covington, Dale, Dallas, Escambia, Fayette, Hale, Jefferson, Lawrence, Macon, Perry, Pickens, St. Clair, Shelby, Sumter, Talladega, Tuscaloosa and Winston

ARKANSAS (Jackson, Mississippi) 601 965 4900)

Ashley Bradley, Calhoun, Clark, Columbia, Drew, Grant, Hempstead, Jefferson, Lafayette, Monroe, Ouachita, Polk, Pulaski, Scott and Union

FLORIDA (Jacksonville, Florida) 904 791 2580)

Alachua Bay, Brevard, Charlotte, Citrus, Clay, Collier, Columbia, Dade, Duval, Flagler, Franklin, Glades, Gulf, Hardee, Hernando, Highlands, Hillsborough, Lake, Lee, Leon, Levy, Liberty, Manatee, Marion, Martin, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Palm Beach, Pasco, Polk, Putnam, St. Johns, Santa Rosa, Wakulla, Walton and Warren

GEORGIA (Jacksonville, Florida) 904 791 2580)

Appling, Baker, Baldwin, Brantley, Burke, Charlton, Chattahoochee, Clarke, Clinch, Decatur, Emanuel, Jeff Davis, Floyd, Glynn, Grady, Greene, Harris, Jasper, Jenkins, Jones, Liberty, McDuffie, Muscogee, Oglethorpe, Pierce, Putnam, Richmond, Screven, Terrell, Telfair, Thomas, Toombs, Turner, Upson, Ware, Washington and Wilkes

KENTUCKY (Asheville, North Carolina) 704 259 0321)

Laurel and McCreary

LOUISIANA (Jackson, Mississippi) 601 965 4900)

Allen, Beauregard, Bienville, Bossier, Caddo, Calcasieu, Catahoula, Claiborne, DeSoto, Evangeline, Grant, La Salle, Livingston, Morehouse, Natchitoches, Ouachita, Rapides, Red River, St. Tammany, Tangipahoa, Terrebonne, Union, Vernon, Washington, Webster and Winn

MARYLAND (Annapolis, Maryland) 301 269 5448)

Dorchester

MICHIGAN (East Lansing, Michigan) 517 337 6650)

Alcona, Crawford, Iosco, Kalkaska, Marquette, Montmorency, Oscoda, Ogemaw, Roscommon, Wexford

MISSISSIPPI (Jackson, Mississippi) 601 965 4900)

Adams, Amite, Benton, Chickasaw, Choctaw, Copiah, Forrest, Franklin, George, Greene, Hancock, Harrison, Hinds, Issaquena, Jackson, Jasper, Jefferson, Jones, Lafayette, Lincoln, Lauderdale, Leake, Madison, Marion, Marshall, Newton, Noxubee, Oktibbeha, Panotoc, Pearl River, Perry, Scott, Sharkey, Smith, Stone, Tippah, Union, Wayne, Wilkinson, Winston and Yalobusha

NORTH CAROLINA (Asheville, North Carolina) 704 259 0321)

Anson, Brazoria, Bertie, Bladen, Brunswick, Camden, Carteret, Chatham, Columbus, Craven, Cumberland, Duplin, Gates, Halifax, Harnett, Hertford, Hoke, Hyde, Johnson, Jones, Lee, Lenoir, Montgomery, Moore, Nash, New Hanover, Northampton, Onslow, Pamlico, Pender, Perquimans, Pitt, Richmond, Robeson, Sampson, Tyrell, Wake, Wayne and Wilson

OKLAHOMA (Tulsa, Oklahoma) 918 581 7458)

Le Flore, McCurtain and Pushmataha

ENDANGERED SPECIES RESTRICTIONS (continued)

SOUTH CAROLINA (Asheville, North Carolina) 704 259 0321)

Abbeville, Aiken, Allendale, Barnwell, Beaufort, Berkeley, Calhoun, Charleston, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Dorchester, Edgefield, Florence, Georgetown, Greenville, Greenwood, Hampton, Horry, Laurens, Lee, Lexington, McCormick, Orangeburg, Richland, Sumter and Williamsburg

TENNESSEE (Asheville, North Carolina) 704 259 0321)

Blount, Campbell, Cumberland and Morgan

TEXAS (Texas) 713 229 3681 or 817 334 2961)

Angelina, Cass, Cherokee, Harden, Houston, Jasper, Montgomery, Nacogdoches, Newton, Polk, Sabine, San Augustine, San Jacinto, Shelby, Trinity, Tyler and Walker

VIRGINIA (Annapolis, Maryland) 301 269 5448)

Prince George, Southampton, Surry and Sussex

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 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. ORTHOTROL or NALCO TROL® 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 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 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.

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 to 10 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.

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 contaminate food or foodstuffs.

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 (415) 233-3737.

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

Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Do not reuse container. Dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

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.

NALCO TROL - Reg. TM of Nalco Chemical Co.

NOT REVIEWED
In Accordance with FR Notice 82-2
Based on Draft Letter Dated 11/9/87

ORTHO

ORTHENE®

Specialty Concentrate

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

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

NET WEIGHT _____

Chevron Chemical Company © 1987
Ortho Agricultural Chemicals Division
San Francisco CA 94120-7144
Product 5478 Made in U.S.A.
Form 9839-0 EPA Est. 239-CA-1
EPA Reg. No. 239-2486-AA

BEST AVAILABLE COPY