Reg # 59639-26 PM-14

1 of 2

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.

STATEMENT OF PRACTICAL TREATMENT

If swallowed, give a large amount of water to drink, make person vomit and call a doctor. In case of eye contact, wash eyes with fresh water for 15 minutes. If irritation continues, see a doctor. Wash hands thoroughly after handling.

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

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.

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.

REENTRY STATEMENT

Keep all unprotected persons out of operating areas or vicinity where there may be drift. Do not enter treated areas without protective clothing until sprays have dried.

Certain states may require more restrictive reentry intervals. Consult your State Department of Agriculture for further information.

Written or oral warnings regarding reentry intervals and accidental exposure must be given to workers who are expected to be in treated areas or in areas about to be treated.

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 a 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.

DIRECTIONS

Table of Equivalents

Amount of ORTHENE 75 S Soluble Powder	1⅓ lbs	1 lb	⅔ lb	4 oz	2 oz
Amount Active Contained	1 lb	¾ lb	½ lb	1/5 lb	1/10 lb

BEANS AND LIMA BEANS (Dry and Succulent forms): Fleahoppers, Grasshoppers — Apply ⅓ – ⅔ lb per acre. **Aphids, Bean Leaf Beetle, Bean Leafroller, Cabbage Looper, Cutworms, Green Cloverworm, Leafhoppers, Mexican Bean Beetle, Plantbugs (Lygus), Soybean Looper, Thrips, Whitefly** — Apply ⅔ to 1⅓ lbs per acre. **Armyworms, Corn Earworm, European Corn Borer** — Apply 1 to 1⅓ lbs per acre. Use higher rates under severe insect infestation conditions. Apply 20 to 100 gals of water per acre with ground equipment or a minimum of 2 gals by air. Apply at 7 to 10 day intervals or as needed. Begin applications when eggs or insects first appear. Do not apply to snapbeans or dry beans within 14 days of harvest. Lima beans harvested in succulent form may be treated up to the day of harvest. Do not feed treated vines.

BRUSSELS SPROUTS, CAULIFLOWER: Cabbage Looper, Diamondback Moth, Imported Cabbageworm — Apply ⅓ to ⅔ lb per acre. **Green Peach Aphid** — Apply ⅔ to 1⅓ lbs per acre. Apply in water at 25 to 150 gals per acre by ground or a minimum of 5 gals spray per acre by air. The high rate should be used when heavy infestations of aphids are present. Begin applications when insects or eggs first appear. Repeat as needed. Do not apply more than 8 lbs per acre per season in Brussels Sprouts. Do not apply within 14 days of harvest. Do not feed trimmings to livestock or allow animals to graze in treated areas.

CELERY: Green Peach Aphid — Apply ⅔ to 1⅓ lbs per acre. **Beet and Fall Armyworms and Cabbage Looper** — Apply 1⅓ lbs per acre. Apply in 50 to 100 gals water per acre with ground sprayers or in a minimum of 5 gals per acre by air. Begin applications when eggs or insects appear and repeat at 3 to 10 day intervals as needed to maintain control. Do not apply within 21 days of harvest. Plants should be trimmed (tops removed) before shipping or use. Tops should not be used for food or feed.

COTTON: Armyworms and Cabbage Looper — Apply 1⅓ lbs per acre. **Plantbugs (Lygus)** — Apply ⅓ to 1⅓ lbs per acre. **Fleahopper** — Apply ⅓ lb per acre. **Whitefly** — Apply ⅔ to 1⅓ lbs per acre. **Thrips** — Apply 2 to 4 oz per acre. Begin applications when eggs or insects appear and apply as needed to maintain control. **Bollworm and Tobacco Budworm (Florida, Alabama, Georgia, Arkansas, Louisiana, Mississippi and Texas Only)** — Apply ⅔ lb per acre in early season under light infestations. Increase the rate to 1 to 1⅓ lbs in mid and late season as infestations become moderate to severe. **(California and Arizona Only)** — Apply 1⅓ lbs per acre. Begin applications when bollworm and tobacco budworm eggs appear in the field and maintain a 3 to 7 day spray schedule. Apply in 10 to 25 gals water with ground equipment or in 3 to 10 gals with aerial equipment in Southern States and in 5 to 10 gals water with aerial equipment in California and Arizona. Do not apply within 21 days of harvest. Do not feed gin trash to livestock or allow animals to graze on treated areas.

CRANBERRIES: Fireworms, Spanworms, Sparganothis — Apply 1–1⅓ lbs per acre by air, ground or with sprinklers. Use a minimum of 2 gallons of water per acre by air or sufficient water to give thorough coverage with ground or sprinkler equipment.

Limit to 1 application per growing season. Do not apply from start of bloom until all berries are set. Do not apply within 90 days of harvest.

HEAD LETTUCE (Crisphead Type Only) — Green Peach Aphid — Apply ⅔ to 1⅓ lbs per acre. **Cabbage Looper and Armyworms** — Apply 1⅓ lbs per acre. Apply in 10 to 60 gals of spray mix by ground as broadcast application or in 5 to 10 gals of spray mix by air. Apply as necessary to maintain desired control. Do not apply more than 6⅔ lbs per acre per season. Do not feed trimmings to livestock or allow animals to graze on treated areas. **For spring, summer and early fall crops in all areas and winter crops in Florida and Texas** do not apply within 21 days of harvest. **For late fall crops in Arizona and winter crops in Arizona and California** do not apply within 21 days of harvest except that for crops which germinate from mid September through November in desert areas, do not apply after first head begins to form.

IMPORTED FIRE ANTS: Mound Treatment — Drench Method: Mix 1 oz in 5 gallons of water. Apply 1 gallon of mix to each mound area by sprinkling the mound until it is wet and treat a four (4) foot diameter circle around the mound. **Dusting Method:** Evenly distribute 1 to 2 teaspoons over the mound. For best results apply the material in the early morning or late afternoon when the ants are most active. Applications made under prolonged hot and dry conditions may be ineffective due to the location of the ants deep within the nest. Grass in treated area may be injured. Treat a maximum of 13 mounds per acre. Do not treat mound more than once per season.

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.

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.

PASTURES, RANGELAND, WASTELAND: Grasshoppers — Apply ⅛ to 1/6 lb (0.094 to 0.125 lb active ingredient) per acre in a minimum of ½ gal spray solution by air or 10 to 20 gallons per acre with ground equipment. ORTHOTROL or NALCO-TROL® may be added to aid in controlling drift and reducing evaporation of aerial sprays. Use the higher rate of ORTHENE 75 S Soluble Powder 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.

PEANUTS — Grasshoppers — Apply ⅓ to ⅔ lb per acre. **Thrips** — Apply ⅔ to 1 lb per acre. **Corn Earworm, Fall Armyworm, Leafhoppers, Loopers, Velvetbean Caterpillar** — Apply 1 to 1⅓ lbs per acre. Apply in 10 to 50 gals water per acre with ground equipment or in 5 to 10 gals water per acre by air. Begin applications when insects first appear and repeat as needed to maintain control. Do not apply within 14 days of digging. Do not feed treated forage or hay to livestock or allow animals to graze treated areas.

PEPPERMINT, SPEARMINT: Alfalfa Looper, Cutworms, Aphids — Apply 1⅓ lbs per acre in 20 to 100 gals of spray mix by ground or in 5 to 10 gals of spray mix by air. Begin applications when eggs or insects first appear. Make one repeat application, if necessary, to maintain control. Do not apply more than twice per season. Do not apply within 14 days of harvest.

PEPPERS (Non-Bell Type) — For Use in Midwestern and Eastern States Only: Aphids — Apply ⅔ lb per acre and continue at 7 to 10 day intervals as needed throughout the growing season. Apply in 40 to 150 gals of water per acre with ground equipment. Do not exceed 7 applications per season. Do not apply within 7 days of harvest.

SOYBEANS: Grasshoppers — Apply ⅓ to ⅔ lb per acre. **Soybean Looper, Cabbage Looper, Green Cloverworm, Velvetbean Caterpillar, Bean Leaf Beetle, Mexican Bean Beetle** — Apply ⅔ to 1⅓ lbs per acre. **Stinkbugs, Armyworms, Threecornered Alfalfa Hopper, Corn Earworm** — Apply 1 to 1⅓ lbs per acre. Apply in 10 to 50 gals of water with ground equipment or in 2 to 10 gals with aerial equipment. Apply as needed but do not apply within 14 days of harvest. Do not graze or cut vines for hay or forage.

SWEET PEPPERS (Bell Type): Grasshoppers — Apply ⅓ to ⅔ lb per acre. **Cabbage Looper, Green Peach Aphid, Tobacco Hornworm** — Apply ⅔ to 1⅓ lbs per acre. **European Corn Borer** — Apply 1 to 1⅓ lbs per acre. Apply in 25 to 150 gals water per acre with ground equipment or a minimum of 3 gals per acre by air. Begin applications when eggs or insects appear and apply as needed until insects have been reduced below economic numbers. Do not apply within 7 days of harvest.

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.

NOTE: This product is sold by weight and package is full when packed but due to fluffy nature this material is inclined to settle.

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.

Chevron Chemical Company © 1984
Ortho Agricultural Chemicals Division
San Francisco, CA 94120-7144 Richmond, CA 94804-0036
H Form 9155-J2 Product 5332 Made in U.S.A.
EPA Reg. No. 239-2418-AA

Chevron

ORTHO

ORTHENE®

75 S
Soluble Powder

(INSECTICIDE)

Active Ingredient	By Wt
Acephate (O,S-Dimethyl acetylphosphoramidothioate)	75%
Inert Ingredients	25%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

BEST AVAILABLE COPY

NET WEIGHT 1 POUND

S & DOMESTIC ANIMALS

Avoid contact with eyes, skin and clothing Avoid

TICAL TREATMENT

to drink, make person vomit and call a doctor In
water for 15 minutes If irritation continues, see
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on — call (415) 233-3737 Acephate is a cholines-
hibition appear, atropine is antidotal 2 PAM may
but should not be used alone

ZARDS

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ed to direct treatment or residues on blooming
or allow it to drift to blooming crops or weeds if

uct in a manner inconsistent with its labeling
ORDANCE WITH PRECAUTIONARY STATEMENTS
TATE AND FEDERAL REGULATIONS

STATEMENT
areas or vicinity where there may be drift Do not
until sprays have dried
entry intervals, consult your State Department of

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ated areas or in areas about to be treated

ND DISPOSAL

storage, disposal or cleaning of equipment

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of in the same manner

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ma) **Fleahoppers, Grasshoppers** Apply 1 3
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ons when eggs or insects first appear Do not
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or feed treated vines
Looper, Diamondback Moth, Imported Cab
Aphid Apply 2 3 to 1 1 3 lbs per acre Apply
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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

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Ortho Agricultural Chemicals Division
San Francisco CA 94120 7144 Richmond CA 94804 0036

N Form 9154 J2 Product 5332 Made in U S A
EPA Reg No 239 2418 AA

Chevron
ORTHO

ORTHENE®
75 S
Soluble Powder

(INSECTICIDE)

Active Ingredient	By Wt
Acephate (O,S-Dimethyl acetylphosphoramidothioate)	75%
Inert Ingredients	25%

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

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

BEST AVAILABLE COPY

ACCEPTED
MAY 22 1985
Under ... Fungicide ... as amended ... registered ... EPA Reg. No. 239-2418
Transferred to
59639-26

NET WEIGHT 1 POUND