

Reg # 59639-26

PM-14

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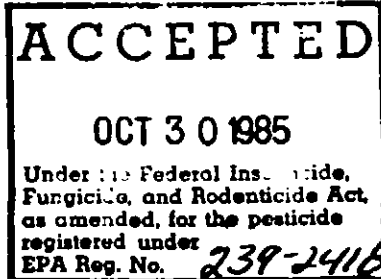
ORTHENE 75 S Soluble Powder
EPA Reg. No. 239-2418
July 16, 1985.

COPY A:

For Use in Midwestern, Eastern States and Puerto Rico Only

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CHEVRON CHEMICAL COMPANY
UNTIL ACCEPTED BY EPA



Transferred to
59639-26

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 1-815-233-3131) 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 soils.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product to flowering plants or weeds during the blooming period of bees.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with labeling. **READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

REENTRY STATEMENT

Keep all people and domestic animals out of treated areas until the pesticide has dried. Do not enter treated areas without proper protective clothing. Do not spray treated areas. Do not enter treated areas until the pesticide has dried. Do not enter treated areas until the pesticide has dried. Do not enter treated areas until the pesticide has dried.

STORAGE AND DISPOSAL

PROHIBITIONS

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

STORAGE

Keep pest 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 1-815-233-3737.

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 residues 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 drums are contaminated and cannot be reused, dispose of in the same manner.

DIRECTIONS

Table of Equivalents

Amount of ORTHENE 75 S Soluble Powder	1 lb	1 lb	1 lb	4 oz	2 oz
Amount Active Contained	1 lb	1 lb	1 lb	1.5 lb	1.0 lb

BEANS AND LIMA BEANS (Dry and Succulent forms): Fleahoppers, Grasshoppers. Apply 1.3 to 2.1 lbs. per acre. **Aphids: Bean Leaf Beetle, Bean Leafhopper, Cabbage Looper, Cutworms, Green Cloverworm, Leafhoppers, Mexican Bean Beetle, Planthoppers (Lygae), Soybean Looper, Thrips, Whitefly.** Apply 2.3 to 3.1 lbs. per acre. **Armyworms: Corn Earworm, European Corn Borer.** Apply 1.3 to 1.7 lbs. per acre. Use higher rates under severe insect infestation conditions. Apply in 20 to 100 gals. of water per acre with ground sprayers or in a minimum of 2 gals. by air. Apply at 7 to 10 day intervals as needed. Begin applications when eggs or insects first appear. Do not apply to succulent beans within 14 days of harvest. Limb beans harvested in succulent form may be treated up to the day of harvest. Do not feed treated areas.

BRUSSELS SPROUTS, CAULIFLOWER, Cabbage Looper, Diamondback Moth, Imported Cabbageworm. Apply 1.3 to 1.7 lbs. per acre. **Green Peach Aphid.** Apply 2.3 to 3.1 lbs. per acre. Apply in 20 to 100 gals. of water per acre by ground sprayer or in a minimum of 2 gals. by air. The high rate should be used when heavy infestations of aphids are present. Begin applications when insects first appear. Repeat as needed. Do not apply more than 8 lbs. per acre per season to 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 1.3 to 1.7 lbs. per acre. **Beet and Fall Armyworms and Cabbage Looper.** Apply 1.3 to 1.7 lbs. per acre. Apply in 50 to 100 gals. of 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 1.3 to 1.7 lbs. per acre. **Planthoppers (Lygae).** Apply 1.3 to 1.7 lbs. per acre. **Fleahoppers.** Apply 1.3 to 1.7 lbs. per acre. **Whitefly.** Apply 1.3 to 1.7 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 1.3 to 1.7 lbs. per acre in early season under light infestations. Increase the rate to 1 to 1.5 lbs. in mid and late season as infestations become moderate to severe. **(California and Arizona Only).** Apply 1.3 to 1.7 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. of water with ground equipment or in 3 to 10 gals. with aerial equipment in Southern States and in 5 to 10 gals. of water with aerial equipment in California and Arizona. Do not apply within 21 days of harvest. Do not feed gm trash to livestock or allow animals to graze on treated areas.

CRANBERRIES: Fireworms, Spanworms, Sparganothis. Apply 1.3 to 1.7 lbs. per acre by air, ground or with sprayers. Use a minimum of 2 gallons of water per acre by air or sufficient water to give thorough coverage with ground or sprayer 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 1.3 to 1.7 lbs. per acre. **Cabbage Looper and Armyworms.** Apply 1.3 to 1.7 lbs. per acre. Apply in 10 to 60 gals. of spray mix by ground or 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 6.7 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 - Granular Method. Mix 1 lb. in 5 gallons of water. Apply 1 gal. of mixture to each mound area by sprinkling the mixture 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 treated 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 1.3 to 1.7 lbs. (0.094 to 0.125 lb. active ingredient) per acre in a minimum of 1/2 gal. of spray solution by air or 10 to 20 gallons per acre with ground equipment. **ORTHOTRUL or NALCO TROF** 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 1.3 to 1.7 lbs. per acre. **Thrips.** Apply 1.3 to 1.7 lbs. per acre. **Earworm, Fall Armyworm, Leafhoppers, Looper, Velvetbean Caterpillar.** Apply 1.3 to 1.7 lbs. per acre. Apply in 10 to 50 gals. of water per acre with ground equipment or in 5 to 10 gals. of 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 1.3 to 1.7 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 2.3 to 3.1 lbs. 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 1 application per season. Do not apply within 7 days of harvest.

SOYBEANS: Grasshoppers. Apply 1.3 to 1.7 lbs. per acre. **Soybean Looper, Cabbage Looper, Green Cloverworm, Velvetbean Caterpillar, Bean Leaf Beetle, Mexican Bean Beetle.** Apply 1.3 to 1.7 lbs. per acre. **Stinkbugs, Armyworms, Threecornered Alfalfa Hopper, Corn Earworm.** Apply 1.3 to 1.7 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 1.3 to 1.7 lbs. per acre. **Cabbage Looper, Green Peach Aphid, Tobacco Hornworm.** Apply 1.3 to 1.7 lbs. per acre. **European Corn Borer.** Apply 1.3 to 1.7 lbs. per acre. Apply in 25 to 150 gals. of 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 1 lb. when packed but due to fluffy nature this material is inclined to settle.

CONDITIONS OF SALE: 1. Chevron Chemical Company warrants that this material conforms to the chemical description on the label and is 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 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.

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Chevron Chemical Company
Ortho Agricultural Chemicals Division
San Francisco, CA 94120-7144, Richmond, CA 94804-0036
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