

PN 12 6218-54
10-29-79
15, 17, 11

(CENTER PANEL)

SUMMIT DURSBAN® 1E
Insecticide

Controls Numerous Pests of Households, Turf and Ornamental Plants.
Also Recommended for Mosquito Control and Area Control of Ticks
and Chiggers.

To be applied only by or under the supervision of pest control
operators, public health organizations, mosquito abatement districts,
and other trained personnel responsible for insect control programs.

ACTIVE INGREDIENTS:

Chlorpyrifos (O,O-diethyl O-(3,5,6-trichloro-2 pyridyl) phosphorothioate)...12.6%

INERT INGREDIENTS:..... 87.4%

Contains 1 pound of chlorpyrifos per gallon.

EPA Registration No. 6218-54

EPA Est. No. 6218-MD-2

ACCEPTED
with COMMENTS
in EPA Letter Dated:

Contains petroleum distillates and xylene range aromatic solvent

JAN 16 1986

KEEP OUT OF REACH OF CHILDREN
WARNING

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

6218-54

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Do not induce vomiting. Contains aromatic petroleum
solvent. Call a physician immediately.

If on Skin: In case of contact, remove contaminated clothing and
immediately wash skin with plenty of soap and water.

If in Eyes: Flush eyes with plenty of water for at least 15 minutes.
Call a physician.

Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat
symptomatically. Atropine, only by injection, is the preferable antidote.
Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however,
use only in conjunction with atropine.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes Eye Irritation. Harmful If Swallowed. Do Not Take Internally.
Do Not Get in Eyes, on Skin or Clothing. Wash Thoroughly After
Handling. Wash Contaminated Clothing Before Reuse. Avoid Breathing
Vapors and Spray Mist. Avoid Spraying Food Crops. Keep Away From
Food, Feedstuffs, and Domestic Water Supplies. Keep Container Closed.
Handle Concentrate in a Ventilated Area.

Not Reviewed. Registrant claims to be in accordance with
Reregistration of Pesticide Product Guidance for Phase 2
Response, Page 2.12, Active to Inert Change in Status.

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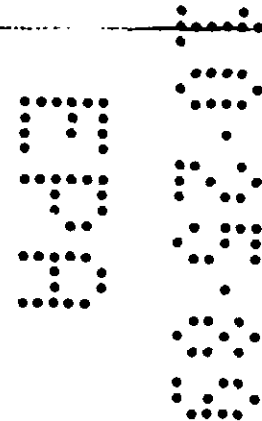
PHYSICAL OR CHEMICAL HAZARDS
COMBUSTIBLE

Do Not Use or Store Near Heat or Open Flame. Do Not Cut or Weld Container.

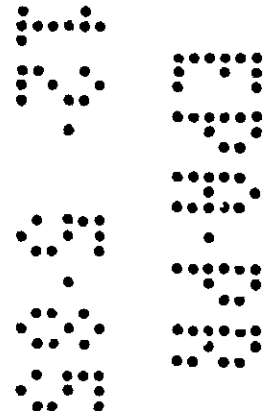
ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish, birds and other wildlife. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.



A PRODUCT OF
BALTIMORE SUMMIT MARYLAND
CHEMICAL CO.



(RIGHT PANEL)

SUMMIT

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

STORAGE: Do not use or store near heat or open flame. Do not cut or weld container.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a landfill, or by other procedures approved by State and local authorities.

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PESTS INDOORS

General Information: Use Summit DURSBAN 1E insecticide to control the pests indicated in the areas listed below by application as a 0.25% or 0.5% chlorpyrifos spray. Use the 0.25% spray to control light infestations and the 0.5% spray to quickly reduce heavy infestations or as directed. To prepare the spray, dilute Summit DURSBAN 1E with water as shown in the following SPRAY DILUTION CHART. Repeat the treatment as needed.

SPRAY DILUTION CHART

| Gallons of Spray Mixture Desired | Fluid Ounces* of Summit DURSBAN 1E | |
|----------------------------------|------------------------------------|-------------|
| | 0.25% spray | 0.50% spray |
| Water-base spray: | | |
| 1 | 3 | 5½ |
| 3 | 8 | 16 |
| 5 | 13½ | 27 |
| 10 | 27 | 54 |

*Note: 1 fluid ounce = 6 teaspoonfuls

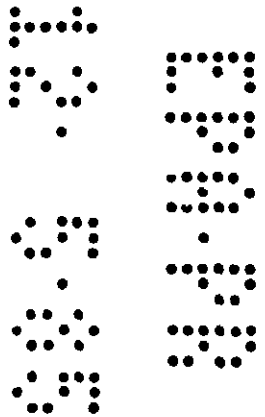
DIRECTIONS FOR USE
(continued)

NOTE: Where quick "knockdown" and/or "flushing action" is desired, dichlorvos (DDVP) or pyrethrins may be added to the spray mixture containing Summit DURSBAN 1E. Consult labeling for the dichlorvos or pyrethrins product used to determine the amount needed to give the desired concentration. Also read and observe all use and handling precautions for these products. Do not use Summit DURSBAN 1E in combination with dichlorvos (DDVP) or pyrethrins for treatment of food areas of food handling establishments.

Application Within Food Handling Establishments (Places Other Than Private Residences in Which Food is Held, Prepared or Served) Including, But Not Limited to, Restaurants, Grocery Stores,

Bakeries, Bottling Plants, Canneries and Grain Mills: Use as a spot treatment in and around both food and nonfood areas to control cockroaches (including strains resistant to certain other insecticides), ants, crickets, firebrats, silverfish, spiders, and stored product insects such as confused flour beetles, saw-toothed grain beetles, Indian meal moths, rice weevils, Mediterranean flour moths, and red flour beetles. Apply as a coarse, low-pressure (20 psi or less) spray to localized areas where the above pests have been seen or are suspected of hiding or entering. Apply only enough spray to thoroughly cover the surfaces treated using special care to avoid unnecessary runoff. Do not introduce the spray into the air to allow the spray to contact food or food-contacting surfaces. Areas treated may include dark corners of rooms and closets; along behind baseboards; beneath and behind stoves, refrigeration units and similar food preparation areas and equipment, floor drains; and around plumbing and other utility installations. For ants apply to ant trails and wherever these pests may find entrance. Spot

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DIRECTIONS FOR USE
(continued)

treatment may include crack and crevice treatment by applying small amounts of material directly into openings leading to voids and hollow spaces in walls and on and around equipment legs and bases of equipment. Equipment capable of delivering a pinstream of insecticide should be used. Repeat treatment as needed but not more than once every 7 days in restaurants and similar food service establishments or more often than once every 14 days in other types of food handling establishments. In case of emergency (call back), **Summit DURSBAN 1E** may be applied after 2 days from last treatment, but emergency use should be limited to once per month.

Applications of this product in food handling establishments other than as a spot and/or crack and crevice treatment are not permitted.

Application Within Residential Buildings Including Homes and Apartment Buildings and Within Nonfood Areas of Industrial, Institutional, and Commercial Buildings Including Hospitals, Stores, Manufacturing Plants and Warehouses; For Spot Treatment Only - Apply as a coarse spray or with a paintbrush to localized areas where cockroaches (including strains resistant to certain insecticides), ants, clover mites, crickets, firebrats, silverfish, and spiders are found or normally occur including dark corners of rooms and closets; cracks and crevices in walls; along and behind baseboards, beneath and behind sinks, stoves, refrigerators and cabinets; around plumbing and other utility installations. For ants apply to ant trails, also around doors and windows and wherever else these pests may find entrance. For clover mites, use a 0.5% spray only. Note: a period of 4 to 7 days is normally required for maximum effect on cockroaches.

For control of carpet beetles, thoroughly apply a 0.5% spray as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs and furniture, in closets and on shelving, and wherever else these insects are seen or suspected.

For control of fleas and brown dog ticks, thoroughly apply a 0.5% spray as a spot treatment to infested areas such as pet beds and resting quarters; nearby cracks and crevices; along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. DO NOT TREAT PETS WITH THIS PRODUCT. To control the source of flea infestation, pets inhabiting the treated premises should be treated with a product registered for application to animals.

Attention (Pests Indoors): Do not apply water-base sprays of this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do

DIRECTIONS FOR USE
(continued)

not use in poultry houses or other animal buildings. Do not allow spray to contact food, feedstuffs, and water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application on this product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fishbowls (tanks) before spraying.

PESTS OUT-OF-DOORS

General Information: Use *Summit DURSBAN 1E* insecticide for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants, for area control of ticks and chiggers and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

Pests on Outside Surfaces of Buildings: Use *Summit DURSBAN 1E* at the rate of 5 1/3 fluid ounces per one gallon of water (0.5% chlorpyrifos emulsion) to control ants, clover mites, cockroaches, crickets, earwigs, fleas, flies, millipedes, mosquitoes, sowbugs, spiders and ticks by application as a residual spray or with a paint brush to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact plants (lawns, flowering plants, shrubs, trees, evergreens, etc.) because of possible injury. Repeat treatment as needed to maintain effectiveness.

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs, millipedes, and sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to the buildings, also the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Use 2 pints of *Summit DURSBAN 1E* per 100 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1000 sq. ft. to thoroughly and uniformly wet the band area.

Pests of Lawns and other Ornamental and Recreational Turf Grass Areas: Use *Summit DURSBAN 1E* to control pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute *Summit DURSBAN 1E* in enough water to obtain complete and uniform coverage of pest-infested areas and apply as a coarse, low-pressure spray using suitable application equipment. Thoroughly water immediately after treatment to wash the insecticide into the turf, except as noted. For best results, the lawn should be moist.

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DIRECTIONS FOR USE
(continued)

at time of treatment.

Pests of Ornamentals: Use *Summit DURS BAN 1E* insecticide to treat flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with the pests listed in the following table. Dilute *Summit DURS BAN 1E* with water according to directions given in the table and apply using suitable hand or power spray equipment in a manner to provide complete and uniform coverage. For best results apply a wetting spray to both upper and lower leaf surfaces and infested limb and trunk areas. Attempt to penetrate dense foliage but avoid overspraying to the point of excessive runoff. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. NOTE - Do not use on azaleas, camellias, poinsettias, rose bushes, or variegated ivy because of possible injury to these plants.

Dogwood Borer: Apply *Summit DURS BAN 1E* to the trunks and lower limbs of dogwood trees when the adults begin to emerge. Consult your State Agricultural Experimental Station or Extension Service specialist for proper time to treat in your area. Mix at the rate of one gallon of *Summit DURS BAN 1E* in 100 gallons of water and apply uniformly on trees as a coarse low-pressure spray.

Peach Tree Borer: Apply *Summit DURS BAN 1E* to flowering trees and shrubs of the Genus *Prunus* in water as a trunk spray before newly hatched larvae enter the trees. Apply as a coarse low-pressure spray. Thoroughly wet all bark areas from ground level to scaffold limbs. Consult your State Agricultural Experimental Station or Extension Service specialist for proper time to treat in your area.

NOTE: Mosquitoes coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions.

Attention (Lawn and Ornamental Plant Pests): Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fishpools and other bodies of water.

Native Elm Bark Beetle: Prevention of Overwintering. To prevent the adult beetle from overwintering in uninfected trees and to reduce beetle populations in disease-free areas, apply *Summit DURS BAN 1E* insecticide as a 0.5% mixture of chlorpyrifos in water to the bottom 9 feet of the trunk. Wet the trunk thoroughly but do not spray runoff. Care should be taken to apply the spray right to the base of the root flare. Applications can be made with either a back pack mist blower or a hydraulic pressure

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DIRECTIONS FOR USE
(continued)

sprayer from spring through to the early fall. Prevention of Branch and Twig Feeding on High Value Elm Trees. To reduce the twig and branch feeding on uninfected trees deemed to be high in value apply 0.5% chlorpyrifos water spray to the tree crown. Application should be made in the spring or early summer using a sprayer that will give thorough coverage to the tree crown.

DOSAGES AND DIRECTIONS FOR USE OF TURF

| Pest | Dosage Summit DURSBAN 1E per 1000 sq. ft. | Remarks |
|--|--|---|
| Ants, Armyworms, Brown dog tick, Chiggers, Chinch bugs, Clover mite, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Sod Webworms, Ticks | 3 ÷ fl. oz. | Spray when pests first appear; For sod webworms delay watering or mowing the treated areas for 12 to 24 hours after treatment. |
| Turfgrass (Hyperodes) weevil | 6 fl. oz. | Spray suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service specialist for your area. |
| White grubs (European chafer and Japanese Beetle larvae only) | 6 to 12 fl.oz. | For white grubs spray when grubs are young and actively feeding near the soil surface, usually during late July and August or as recommended by your local Agricultural Extension Service specialist for your area. Immediately after spraying, irrigate the treated area with 1/2 to 1 inch of water to wash the insecticide into the underlying soil. |
| Bluegrass pillbug | 6 to 12 fl.oz. | Spray early in the season when adults first appear. Retreat as needed. |

1½ fl.oz. per 1000 sq. ft. = 7½ fl. oz. per 5000 sq. ft. - 1 pint per 10,700 sq. ft. = 2 quarts per acre.

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DIRECTIONS FOR USE
(continued)

Area Control of Ticks and Chiggers: Use *Summit DURSBAN 1E* insecticide to control ticks and chiggers infesting non-cropland areas such as roadsides, footpaths and trails, picnic and camping sites, parks and other recreational areas where these pests are present and create a nuisance or possible public health problem. Apply *Summit DURSBAN 1E* in water at the rate of 2 pints per acre (equivalent to 1 fl. oz. per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer, or other suitable hand or power spray equipment. Treat low underbrush, grassy areas, weeds, and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gallons per acre.

Attention (Area Control of Ticks and Chiggers): Do not allow public use of treated areas during application or until spray has dried.

Imported Fire Ant: Treatment of potted, containerized and balled and burlapped nursery stock. Use *Summit DURSBAN 1E* to control imported fire ants in soil attached to roots of these plants by completely submerging the ball of soil in a tank containing *Summit DURSBAN 1E* diluted at the rate of 16 fl. oz. per 100 gallons of water. Do not remove burlap wrap or plastic containers with drain holes prior to submerging. Keep soil submerged until complete saturation has occurred, normally about 30 seconds. Wear rubber gloves, boots and apron during this operation.

Treatment of fire ant mounds. Apply *Summit DURSBAN 1E* as a drench diluted at the rate of 2 fl. oz. (30cc) per 2 gallons of water. Gently sprinkle a total of 1 gallon of the diluted solution over the surface of each mound using a sprinkler can. Thoroughly wet mound and surrounding area to a 4 ft. diameter (12 sq. ft.). For best results apply in cool weather, 65-80°F, or in early morning or early evening hours, Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

Mosquitoes: Apply *Summit DURSBAN 1E* insecticide to mosquito-infested, non-crop areas according to the conditions and rates shown in the following table. Mix *Summit DURSBAN 1E* with water using sufficient spray volume to give uniform coverage of area treated. Apply the spray using suitable application equipment such as hand and power ground sprayers, mist applicators, and aerial spray equipment.

Warning (Mosquito Control): Read complete Environmental and Use Precautions and consult your State Fish and Game Department before using this product for mosquito control.

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DIRECTIONS FOR USE
(continued)

DOSAGES and DILUTIONS for USE on
ORNAMENTAL PLANTS

| Pests Controlled | Amount of Summit DURSBAN 1E in Water to Make | | |
|--|---|--------------|-----------------------------|
| | 3 gallons | 10 gallons | 100 gallons |
| Aphids Bagworms Eastern tent caterpillar Fall webworm Grasshoppers | Mites Orangestriped oakworm Spittlebugs Whiteflies Yellownecked caterpillar | 1 fl. oz. | 3.2 fl. oz. 2 pints † |
| Cutworms Leafhoppers Mealybugs | Mimosa webworm Redhumped caterpillar Thrips (exposed) | 2 fl. oz. | 6.4 fl. oz. 2 quarts †† |
| Ash borer Lilac borer Dogwood borer | Scale Crawlers Oak lecanium Pine needle Tea White peach | 4 fl. oz. | 12.8 fl. oz. 4 quarts ††† |
| Peach tree borer | | 11.6 fl. oz. | 38.4 fl. oz. 12 quarts †††† |

- † Equivalent to 4 ounces of chlorpyrifos per 100 gallons.
- †† Equivalent to 8 ounces of chlorpyrifos per 100 gallons.
- ††† Equivalent to 1 pound of chlorpyrifos per 100 gallons.
- †††† Equivalent to 3 pounds of chlorpyrifos per 100 gallons.

CONDITIONS and RATES to USE for ADULT MOSQUITO CONTROL

| Conditions of Area to be Treated | Amount to Use per Acre | | Number Acres Summit DURSBAN 1E Will Treat |
|---|----------------------------------|-----------------------|---|
| | Summit DURSBAN 1E (fluid ounces) | Chlorpyrifos (pounds) | |
| Adult Control Light to medium vegetative cover | 3.2 | 0.05 | 80 |
| Medium to heavy vegetative cover | 6.4 | 0.1 | 40 |

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NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

DURSBAN® is a trademark of The Dow Chemical Company

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| US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 | EPA REGISTRATION NO. 6218-54 | DATE OF ISSUANCE 1/16/86 |
| | TERM OF ISSUANCE | |
| NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended) | NAME OF PESTICIDE PRODUCT Summit Super Permacide Concentrate | |
| NAME AND ADDRESS OF REGISTRANT (Include ZIP code) | | |
| Summit Chemical Company 7657 Canton Center Drive Baltimore, MD 21224 | | |
| NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number. | | |
| On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act. | | |
| A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith. | | |
| Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others. | | |
| This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you: | | |
| <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data. 2. Add the phrase "EPA Registration No. 6218-54" to your label before you release the product for shipment. 3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling. 4. Note that a Registration Standard for chlorpyrifos was issued in September 1984. This Standard required numerous studies to be conducted to support the continued registration of the mosquito larvicide use. Dow has stated that they will not develop these data to support the mosquito larvicide use. If they do not support the mosquito larvicide use, your company will be required to develop these data if your product label contains mosquito larvicide use directions. | | |
| <input type="checkbox"/> ATTACHMENT IS APPLICABLE | | |
| SIGNATURE OF APPROVING OFFICIAL | | DATE |

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

SUPER PERMACIDE CONCENTRATE

Insecticide

Controls Numerous Pests of Households, Turf and Ornamental Plants.
Also Recommended for Mosquito Control and Area Control of Ticks
and Chiggers.

To be applied only by or under the supervision of pest control
operators, public health organizations, mosquito abatement districts,
and other trained personnel responsible for insect control programs.

ACTIVE INGREDIENTS:

Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2 pyridyl) phosphorothioate)..12.6%
Xylene Range Aromatic Solvent.....21.5%

INERT INGREDIENTS:

Contains 1 pound of chlorpyrifos per gallon.

EPA Registration No. 6218-

EPA Est. No. 6218-MD-2

ACCEPTED
with COMMENTS
in EPA Letter Dated

JAN 16 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

KEEP OUT OF REACH OF CHILDREN

WARNING

6218-54

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Do not induce vomiting. Contains aromatic petroleum
solvent. Call a physician immediately.

If on Skin: In case of contact, remove contaminated clothing and
immediately wash skin with plenty of soap and water.

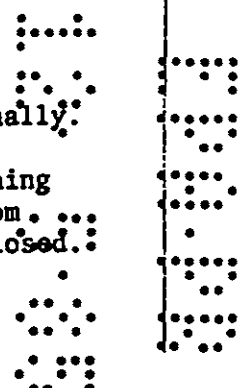
If in Eyes: Flush eyes with plenty of water for at least 15 minutes.
Call a physician.

Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat
symptomatically. Atropine, only by injection, is the preferable antidote.
Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however,
use only in conjunction with atropine.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes Eye Irritation. Harmful If Swallowed. Do Not Take Internally.
Do Not Get in Eyes, on Skin or Clothing. Wash Thoroughly After
Handling. Wash Contaminated Clothing Before Reuse. Avoid Breathing
Vapors and Spray Mist. Avoid Spraying Food Crops. Keep Away From
Food, Feedstuffs, and Domestic Water Supplies. Keep Container Closed.
Handle Concentrate in a Ventilated Area.



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(continued)

PHYSICAL OR CHEMICAL HAZARDS
COMBUSTIBLE

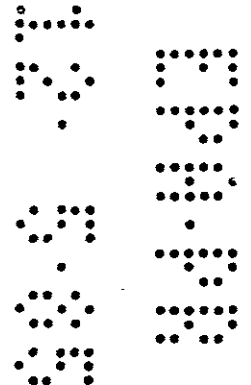
Do Not Use or Store Near Heat or Open Flame. Do Not Cut or Weld Container.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish, birds and other wildlife. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

A PRODUCT OF
BALTIMORE SUMMIT MARYLAND
CHEMICAL CO.



(RIGHT PANEL)

SUMMIT

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

STORAGE: Do not use or store near heat or open flame. Do not cut or weld container.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a landfill, or by other procedures approved by State and local authorities.

PESTS INDOORS

General Information: Use SUPER PERMACIDE CONCENTRATE insecticide to control the pests indicated in the areas listed below by application as a 0.25% or 0.5% chlorpyrifos spray. Use the 0.25% spray to control light infestations and the 0.5% spray to quickly reduce heavy infestations or as directed. To prepare the spray, dilute SUPER PERMACIDE CONCENTRATE with water as shown in the following SPRAY DILUTION CHART. Repeat the treatment as needed.

SPRAY DILUTION CHART

| Gallons of Spray Mixture Desired | Fluid Ounces* of SUPER PERMACIDE CONCENTRATE | |
|----------------------------------|--|-------------|
| | 0.25% spray | 0.50% spray |
| Water-base spray: | | |
| 1 | 3 | 5½ |
| 3 | 8 | 16 |
| 5 | 13½ | 27 |
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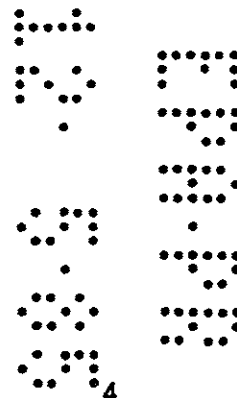
*Note: 1 fluid ounce = 6 teaspoonfuls

DIRECTIONS FOR USE
(continued)

NOTE: Where quick "knockdown" and/or "flushing action" is desired, dichlorvos (DDVP) or pyrethrins may be added to the spray mixture containing SUPER PERMACIDE CONCENTRATE. Consult labeling for the dichlorvos or pyrethrins product used to determine the amount needed to give the desired concentration. Also read and observe all use and handling precautions for these products. Do not use SUPER PERMACIDE CONCENTRATE in combination with dichlorvos (DDVP) or pyrethrins for treatment of food areas of food handling establishments.

Application Within Food Handling Establishments (Places Other Than Private Residences in Which Food is Held, Prepared or Served)

Including, But Not Limited to, Restaurants, Grocery Stores, Bakeries, Bottling Plants, Canneries and Grain Mills: Use as a spot treatment in and around both food and nonfood areas to control cockroaches (including strains resistant to certain other insecticides), ants, crickets, firebrats, silverfish, spiders, and stored product insects such as confused flour beetles, saw-toothed grain beetles, Indian meal moths, rice weevils, Mediterranean flour moths, and red flour beetles. Apply as a coarse, low-pressure (20 psi or less) spray to localized areas where the above pests have been seen or are suspected of hiding or entering. Apply only enough spray to thoroughly cover the surfaces treated using special care to avoid unnecessary runoff. Do not introduce the spray into the air or allow the spray to contact food or food-contacting surfaces. Areas treated may include dark corners of rooms and closets; along and behind baseboards; beneath and behind stoves, refrigeration units and similar food preparation areas and equipment, floor drains; and around plumbing and other utility installations. For ants apply to ant trails and wherever these pests may find entrance. Spot



DIRECTIONS FOR USE
(continued)

treatment may include crack and crevice treatment by applying small amounts of material directly into openings leading to voids and hollow spaces in walls and on and around equipment legs and bases of equipment. Equipment capable of delivering a pinstream of insecticide should be used. Repeat treatment as needed but not more than once every 7 days in restaurants and similar food service establishments or more often than once every 14 days in other types of food handling establishments. In case of emergency (call back), SUPER PERMACIDE CONCENTRATE may be applied after 2 days from last treatment, but emergency use should be limited to once per month.

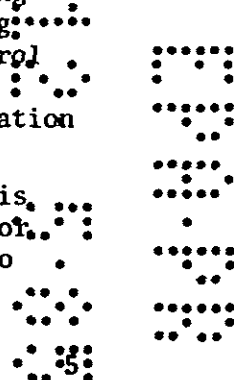
Applications of this product in food handling establishments other than as a spot and/or crack and crevice treatment are not permitted.

Application Within Residential Buildings Including Homes and Apartment Buildings and Within Nonfood Areas of Industrial, Institutional, and Commercial Buildings Including Hospitals, Stores, Manufacturing Plants and Warehouses; For Spot Treatment Only - Apply as a coarse spray or with a paintbrush to localized areas where cockroaches (including strains resistant to certain insecticides), ants, clover mites, crickets, firebrats, silverfish, and spiders are found or normally occur including dark corners of rooms and closets; cracks and crevices in walls; along and behind baseboards, beneath and behind sinks, stoves, refrigerators and cabinets; around plumbing and other utility installations. For ants apply to ant trails, also around doors and windows and wherever else these pests may find entrance. For clover mites use a 0.5% spray only. Note: a period of 4 to 7 days is normally required for maximum effect on cockroaches.

For control of carpet beetles, thoroughly apply a 0.5% spray as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs and furniture, in closets and on shelving, and wherever else these insects are seen or suspected.

For control of fleas and brown dog ticks, thoroughly apply a 0.5% spray as a spot treatment to infested areas such as pet beds and resting quarters; nearby cracks and crevices; along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. DO NOT TREAT PETS WITH THIS PRODUCT. To control the source of flea infestation, pets inhabiting the treated premises should be treated with a product registered for application to animals.

Attention (Pests Indoors): Do not apply water-base sprays of this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do



DIRECTIONS FOR USE
(continued)

not use in poultry houses or other animal buildings. Do not allow spray to contact food, feedstuffs, and water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application on this product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fishbowls (tanks) before spraying.

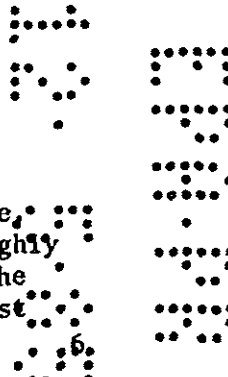
PESTS OUT-OF-DOORS

General Information: Use SUPER PERMACIDE CONCENTRATE insecticide for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants, for area control of ticks and chiggers and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

Pests on Outside Surfaces of Buildings: Use SUPER PERMACIDE CONCENTRATE at the rate of 5 1/3 fluid ounces per one gallon of water (0.5% chlorpyrifos emulsion) to control ants, clover mites, cockroaches, crickets, earwigs, fleas, flies, millipedes, mosquitoes, sowbugs, spiders and ticks by application as a residual spray or with a paint brush to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact plants (lawns, flowering plants, shrubs, trees, evergreens, etc.) because of possible injury. Repeat treatment as needed to maintain effectiveness.

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs, millipedes, and sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to the buildings, also the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Use 2 pints of SUPER PERMACIDE CONCENTRATE per 100 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1000 sq. ft. to thoroughly and uniformly wet the band area.

Pests of Lawns and other Ornamental and Recreational Turf Grass Areas: Use SUPER PERMACIDE CONCENTRATE to control pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute SUPER PERMACIDE CONCENTRATE in enough water to obtain complete and uniform coverage of pest-infested areas and apply as a coarse, low-pressure spray using suitable application equipment. Thoroughly water immediately after treatment to wash the insecticide into the turf, except as noted. For best results, the lawn should be moist



DIRECTIONS FOR USE
(continued)

at time of treatment.

Pests of Ornamentals: Use SUPER PERMACIDE CONCENTRATE insecticide to treat flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with the pests listed in the following table. Dilute SUPER PERMACIDE CONCENTRATE with water according to directions given in the table and apply using suitable hand or power spray equipment in a manner to provide complete and uniform coverage. For best results apply a wetting spray to both upper and lower leaf surfaces and infested limb and trunk areas. Attempt to penetrate dense foliage but avoid overspraying to the point of excessive runoff. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. NOTE - Do not use on azaleas, camellias, poinsettias, rose bushes, or variegated ivy because of possible injury to these plants.

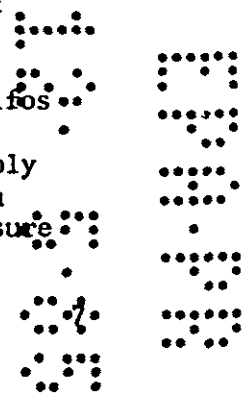
Dogwood Borer: Apply SUPER PERMACIDE CONCENTRATE to the trunks and lower limbs of dogwood trees when the adults begin to emerge. Consult your State Agricultural Experimental Station or Extension Service specialist for proper time to treat in your area. Mix at the rate of one gallon of SUPER PERMACIDE CONCENTRATE in 100 gallons of water and apply uniformly on trees as a coarse low-pressure spray.

Peach Tree Borer: Apply SUPER PERMACIDE CONCENTRATE to flowering trees and shrubs of the Genus Prunus in water as a trunk spray before newly hatched larvae enter the trees. Apply as a coarse low-pressure spray. Thoroughly wet all bark areas from ground level to scaffold limbs. Consult your State Agricultural Experimental Station or Extension Service specialist for proper time to treat in your area.

NOTE: Mosquitoes coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions.

Attention (Lawn and Ornamental Plant Pests): Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fishpools and other bodies of water.

Native Elm Bark Beetle: Prevention of Overwintering. To prevent the adult beetle from overwintering in uninfested trees and to reduce beetle populations in disease-free areas, apply SUPER PERMACIDE CONCENTRATE insecticide as a 0.5% mixture of chlorpyrifos in water to the bottom 9 feet of the trunk. Wet the trunk thoroughly but do not spray runoff. Care should be taken to apply the spray right to the base of the root flare. Applications can be made with either a back pack mist blower or a hydraulic pressure



DIRECTIONS FOR USE
(continued)

sprayer from spring through to the early fall. Prevention of Branch and Twig Feeding on High Value Elm Trees. To reduce the twig and branch feeding on uninfected trees deemed to be high in value apply 0.5% chlorpyrifos water spray to the tree crown. Application should be made in the spring or early summer using a sprayer that will give thorough coverage to the tree crown.

DOSAGES AND DIRECTIONS FOR USE OF TURF

| Pest | Dosage SUPER PERMACIDE CONCENTRATE per 1000 sq. ft. | Remarks |
|--|--|---|
| Ants, Armyworms, Brown dog tick, Chiggers, Chinch bugs, Clover mite, Crickets, Cut- worms, Earwigs, Fleas, Grass- hoppers, Sod Webworms, Ticks | 3 ÷ fl. oz. | Spray when pests first appear; For sod webworms delay watering or mowing the treated areas for 12 to 24 hours after treatment. |
| Turfgrass (Hyperoas) weevil | 6 fl. oz. | Spray suspected problem areas in mid-April and again in mid- May or as recommended by your local Agricultural Extension Service specialist for your area. |
| White grubs (European chafer and Japanese Beetle larvae only) | 6 to 12 fl.oz. | For white grubs spray when grubs are young and actively feeding near the soil surface, usually during late July and August or as recommended by your local Agricultural Extension Service specialist for your area. Immediately after spraying, irrigate the treated area with 1/2 to 1 inch of water to wash the insecticide into the underlying soil. |
| Bluegrass pillbug | 6 to 12 fl.oz. | Spray early in the season when adults first appear. Retreat as needed. |

1½ fl.oz. per 1000 sq. ft. = 7½ fl. oz. per 5000 sq. ft. - 1 pint per
10,700 sq. ft. = 2 quarts per acre.

DIRECTIONS FOR USE
(continued)

Area Control of Ticks and Chiggers: Use SUPER PERMACIDE CONCENTRATE insecticide to control ticks and chiggers infesting non-cropland areas such as roadsides, footpaths and trails, picnic and camping sites, parks and other recreational areas where these pests are present and create a nuisance or possible public health problem. Apply SUPER PERMACIDE CONCENTRATE in water at the rate of 2 pints per acre (equivalent to 1 fl. oz. per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer, or other suitable hand or power spray equipment. Treat low underbrush, grassy areas, weeds, and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gallons per acre.

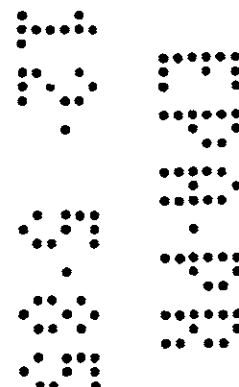
Attention (Area Control of Ticks and Chiggers): Do not allow public use of treated areas during application or until spray has dried.

Imported Fire Ant: Treatment of potted, containerized and balled and burlapped nursery stock. Use SUPER PERMACIDE CONCENTRATE to control imported fire ants in soil attached to roots of these plants by completely submerging the ball of soil in a tank containing SUPER PERMACIDE CONCENTRATE diluted at the rate of 16 fl. oz. per 100 gallons of water. Do not remove burlap wrap or plastic containers with drain holes prior to submerging. Keep soil submerged until complete saturation has occurred, normally about 30 seconds. Wear rubber gloves, boots and apron during this operation.

Treatment of fire ant mounds. Apply SUPER PERMACIDE CONCENTRATE as a drench diluted at the rate of 2 fl. oz. (30cc) per 2 gallons of water. Gently sprinkle a total of 1 gallon of the diluted solution over the surface of each mound using a sprinkler can. Thoroughly wet mound and surrounding area to a 4 ft. diameter (12 sq. ft.). For best results apply in cool weather, 65-80°F, or in early morning or early evening hours, Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

Mosquitoes: Apply SUPER PERMACIDE CONCENTRATE insecticide to mosquito-infested, non-crop areas according to the conditions and rates shown in the following table. Mix SUPER PERMACIDE CONCENTRATE with water using sufficient spray volume to give uniform coverage of area treated. Apply the spray using suitable application equipment such as hand and power ground sprayers, mist applicators, and aerial spray equipment.

Warning (Mosquito Control): Read complete Environmental and Use Precautions and consult your State Fish and Game Department before using this product for mosquito control.



DIRECTIONS FOR USE
(continued)

DOSAGES and DILUTIONS for USE on
ORNAMENTAL PLANTS

| Pests Controlled | Amount of SUPER PERMACIDE CONCENTRATE in Water to Make | | | |
|--|---|--------------|--------------|----------------|
| | 3 gallons | 10 gallons | 100 gallons | |
| Aphids Bagworms Eastern tent caterpillar Fall webworm Grasshoppers | Mites Orangestriped oakworm Spittlebugs Whiteflies Yellownecked caterpillar | 1 fl. oz. | 3.2 fl. oz. | 2 pints † |
| Cutworms Leafhoppers Mealybugs | Mimosa webworm Redhumped caterpillar Thrips (exposed) | 2 fl. oz. | 6.4 fl. oz. | 2 quarts †† |
| Ash borer Lilac borer Dogwood borer | Scale Crawlers Oak lecanium Pine needle Tea White peach | 4 fl. oz. | 12.8 fl. oz. | 4 quarts ††† |
| Peach tree borer | | 11.6 fl. oz. | 38.4 fl. oz. | 12 quarts †††† |

- † Equivalent to 4 ounces of chlorpyrifos per 100 gallons.
- †† Equivalent to 8 ounces of chlorpyrifos per 100 gallons.
- ††† Equivalent to 1 pound of chlorpyrifos per 100 gallons.
- †††† Equivalent to 3 pounds of chlorpyrifos per 100 gallons.

CONDITIONS and RATES to USE for ADULT MOSQUITO CONTROL

| Conditions of Area to be Treated | Amount to Use per Acre | | Number Acres SUPER PERMACIDE CONCENTRATE Will Treat |
|---|--|-----------------------|---|
| | SUPER PERMACIDE CONCENTRATE (fluid ounces) | Chlorpyrifos (pounds) | |
| Adult Control Light to medium vegetative cover | 3.2 | 0.05 | 80 |
| Medium to heavy vegetative cover | 6.4 | 0.1 | 40 |

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NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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