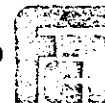


4816-537

5/10/77

p9 113

FAIRFIELD

AMERICAN
CORPORATIONPRODUCT DESCRIPTION CODE 723.0
(Previously code 970.42)**PYRENONE® DURSBAN® DUAL USE E.C.**

A formulation containing Pyrenone for flushing and fast knockdown with Chlorpyrifos* for long lasting insecticidal effectiveness. Designed for dilution in water or oil. For Professional Use Only.

INGREDIENTS:**ACTIVE INGREDIENTS:**

Pyrethrins

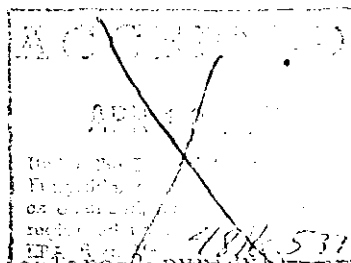
**Piperonyl Butoxide, Technical

Petroleum Distillate

*Chlorpyrifos O,O-diethyl O-(3,5,6-trichloro-2-pyridyl)

phosphorothioate

Aromatic Petroleum Derivative Solvent

INERT INGREDIENTS:

3.33%

16.64%

13.32%

31.99%

27.64%

7.08%

100.00%

**Equivalent to 13.31% (butylcarbityl)(6-propylpiperonyl) ether and to 3.33% related compounds

EPA Reg. No. 4816-537

USDA Acceptance:

LABEL REGISTRATION:

Controls numerous insect pests in or on households, food processing plants, factories, warehouses, institutions, trucks, railroad cars, turf, ornamental plants, mosquito control and area control of ticks. Provides the quick knockdown and flushing of Pyrenone along with the residual effects of chlorpyrifos.

MODE OF APPLICATION:

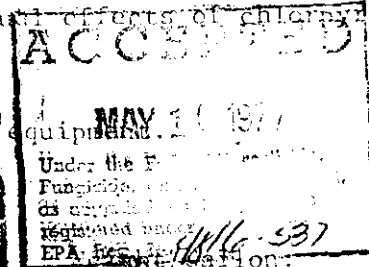
Conventional mechanical sprayers and ULDequipm

PHYSICAL DATA:

Specific Gravity 20°C: 1.044

Color (C-E): 11

Refractive index 25°C: 1.5041



Flash Point (TCC): 8.700

Flash Point (TCC): 102°F

SHIPPING CONTAINERS:

55 gallon drum	479 pounds net	527 pounds gross
30 gallon drum	261 pounds net	289 pounds gross
5 gallon can	43.5 pounds net	48.5 pounds gross
1 gallon can (6/ctn)	8.7 pounds net	62.2 pounds gross

PYRENONE - Registered trademark of Fairfield American Corporation
DURSBAN - Registered trademark of Dow Chemical Corporation

PANEL 2

PESTS, OUT-OF-DOORS: General Information: Use PYRENONE DURSBAI Dual Use E.C. for control of certain pests and lawns and ornamental plants, for area control of ticks and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

Pests of lawns and other ornamental and recreational turf grass areas: Use PYRENONE DURSBAI Dual Use E.C. to control ants, brown dog ticks, chinch bugs, crickets, cutworms, earwigs, grasshoppers and sod webworms (lawns, moths). Mix PYRENONE DURSBAI Dual Use E.C. with water according to directions given in the following table and apply as a coarse, low pressure spray using suitable application equipment. For best results, the lawn should be moist at time of treatment, and care should be taken to obtain complete and uniform coverage of pest infested areas. Spray when pests first appear, re-treat when needed.

DOSAGE AND DILUTIONS FOR USE IN TURF

Area to be Treated	Amount of Concentrate	Dilute With Water To Give
500 sq. ft.	4 1/2 fl. oz.	15 gallons
1,000 sq. ft.	1 1/2 fl. oz.	30 gallons
5,000 sq. ft.	5 1/2 fl. oz.	150 gallons
10,760 sq. ft.	11 1/2 fl. oz.	325 gallons
One acre	1 1/2 qts.	1,000 gallons

To control certain white grub (larvae of European chaffer and scarab) beetles on lawns, use four times the amount of PYRENONE DURSBAI Dual Use E.C. shown in the TURF table, i.e., 2 1/2 to 4 1/2 fl. oz. per 1,000 sq. ft. or 3 to 6 quarts per acre. Apply with water to obtain uniform coverage of the area treated followed by thorough watering to wash the insecticide into the soil. For best results treat when grubs are young or just becoming near the soil surface, usually during late July and August. Consult your State Agricultural Extension Service for a more proper time to treat in your area.

To control turfgrass (hyperodes) weevils: Use twice the amount of PYRENONE DURSBAI Dual Use E.C. shown in the TURF table, i.e., 3 quarts diluted in 1,000 gallons of water per acre. Spray suspected problem areas in mid April and again in mid May. Consult your State Agricultural Extension Service for a more proper time to treat in your area.

Note: To help prevent infestation of buildings by ants, crickets, earwigs, and chinch bugs, apply a band of 1/2 to 1 1/2 inch wide around and adjacent to the building, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use the same dosage and dilution recommended for control of these pests on turf as shown in the turf table. Apply as a coarse spray to thoroughly and uniformly wet the band area.

PANEL 3

PESTS OF ORNAMENTALS: Use PYRENONE DURSBAI Dual Use E.C. to control aphids, bagworms, cutworms, grasshoppers, leafhoppers, mealybugs, mites, spittlebugs, thrips (exposed), and whiteflies of flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with these pests. Dilute PYRENONE DURSBAI Dual Use E.C. with water according to directions given in the following table and apply using suitable hand or power spray equipment in a manner to provide complete and uniform coverage of infested plants. Avoid overspraying to a point of excessive runoff. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. NOTE: Do not use on azaleas, camelias, poinsettias, rose bushes or variegated ivy because of possible injury to these plants.

DOSAGE AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

Pests Controlled	Amount of PYRENONE DURSBAI Dual Use E.C. in Water to Make	3 gallons	10 gallons	100 gallons
Aphids Bagworms Grasshoppers Mites Spittlebugs Whiteflies	1 1/2 fl. oz.	1 1/2 fl. oz.	12 1/2 fl. oz.	12 1/2 fl. oz.
Cutworms Mealybugs Leafhoppers Thrips (exposed)	2 fl. oz.	2 fl. oz.	20 fl. oz.	20 fl. oz.

*Equivalent to 4 ounces of concentrate per 100 gallons.
*Equivalent to 8 ounces of concentrate per 200 gallons.
*Note: Small packets available for these dilutions.

Note: Mosquitoes coming to rest in 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.

WARNING: LAWN AND ORNAMENTAL PLANT PESTS: Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden ponds and other bodies of water. Fish may be killed if their waters are contaminated with this product. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

Area control of ticks: Use PYRENONE DURSBAI Dual Use E.C. to control ticks infesting non-crop land areas such as roadsides, pastures, and the playground and camping sites, parks and other recreational areas where these pests are present and create a nuisance or possible health hazard. Apply PYRENONE DURSBAI Dual Use E.C. in water at the rate of 2 1/2 fl. oz. per acre (equivalent to 1 1/2 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, under brush, grassy areas, where ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 60 gallons per acre.

WARNING: AREA CONTROL OF TICKS: Do not allow public use of treated areas during application or until spray has dried. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff into lakes, streams, ponds, or other bodies of water is likely to occur. Fish and crustaceans may be killed if their waters are contaminated with this product.

MOSQUITOES: Apply PYRENONE DURSBAI Dual Use E.C. to mosquito infestation from according to the conditions and rates shown in the following table. Mix PYRENONE DURSBAI Dual Use E.C. with either water or oil, such as Kerosene or No. 2 fuel oil, using sufficient spray volume to give uniform coverage of area

PANEL 4

treated. Apply the spray using suitable application equipment such as hand and power ground sprayers, mist applicators and aerial spray equipment.

CONDITIONS AND RATES TO USE FOR MOSQUITO CONTROL

Condition of Area to be Treated	Amount of PYRENONE DURSBAI Dual Use E.C. (fl. oz.)	Calorpylax (pounds)	Number of Acres which 1 Gallon of Concentrate will Treat
Larvae Control New and medium vegetative cover	2 to 3 1/2	0.0125 to 0.025	160 to 200
Medium to heavy vegetative cover	3 1/2 to 5	0.025 to 0.05	80 to 40
Adult Control Light to medium vegetative cover	1 1/2	0.025	80
Medium to heavy vegetative cover	2 1/2	0.05	40

*The higher dosage will also give the faster knockdown and longer residual control where there is little or no vegetative cover.

WARNING: MOSQUITO CONTROL: PYRENONE DURSBAI Dual Use E.C. is toxic to shrimp, crabs, and fish. Do not apply to water containing crustaceans and fish. Consult your State Fish and Game Department before using this product for mosquito control.

Environmental & Disposal Cautions: This product is toxic to fish, birds and wildlife. Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of water. Apply this product only as specified on the label. This product is highly flammable when exposed to direct treatment or residue of plants. Protect children and animals from contact with your product. Use Agricultural Extension Service. For each gallon of spray, 1 gallon container and bury with water in locations away from domestic water supplies. Do not reuse empty drum. Keep drum from being tampered or destroyed by perforating or crushing and burying in a safe place away from water bodies.

Terms of sale or use: On purchase or use of this product, buyer and user agree to the following conditions:

Warranty: FAC warrants that this product, as of the time of sale by FAC, conforms to the printed statement on the label and is reasonably fit for the purposes set forth in the Directions for Use. Except as so warranted the product is sold as is. FAC makes no other warranty, express or implied.

Damages: Buyer's or user's exclusive remedy for damages for each of which FAC has no control, shall be limited to direct damages not exceeding the purchase price paid. It shall not include incidental or consequential damages. Notice of any claim must be reported to FAC within 10 days of discovery by buyer or user, failing which buyer or user waives any claim for such damage.

Exclusion from non-controllable conditions: Because certain critical conditions created or incurred by buyer or user or over which FAC has no control, buyer and user, as a condition of purchase or use, assume responsibility for and release FAC from, liability arising out of the handling or use of the product attributable to such causes. No person is authorized to make any statement or claim not contained herein.

ACCEPTED
MAY 10 1977
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this product is registered under EPA Reg. No. 4816-531

CODE 723.05

Carton Insert

This product is available in 1/3; 1/2; 3/4; 1; 2; 3; 6; 8; or 16 ounce packets. See spray dilution chart for proper dosage and select package size accordingly. Read entire label before use. Do not remove packets from container except for

PYRENONE, DURSBAN,

Dual Use E.C.

Residual Insecticide

For Professional Use Only

To be applied only by or under the supervision of Pest Control Operators, Mosquito Abatement Districts, Public Health Organizations and other Trained Personnel responsible for Insect Control Programs.

Controls numerous insect pests in or on Households, Food Processing Plants, Factories, Warehouses, Institutions, Trucks, Railroad Cars, Tents, Ornamental Plants, Mosquito Control and Area Control of Ticks. Provides quick knockdown and lasting of Pyrenone along with the residual effects of chlorpyrifos.

EPA Reg. No. 4816-537

Active Ingredients

Pyrethrins	333%
*Permethrin Butoxide, Technical	75.64%
Petroleum Distillate	75.32%
Chlorpyrifos (O,O-Diethyl O-(3,5,6-Trichloro-2-Pyridyl) Phosphorothioate)	99.99%
Aromatic Petroleum Solvent	27.34%
Inert Ingredients	703%

*Equivalent to 13.31% (Diethylbutyl (4-propylpiperonyl) ether and to 3.28% related compounds.

PYRENONE — Trademark Fairfield American

DURSBAN — Trademark Dow Corp.

WARNING

KEEP OUT OF REACH OF CHILDREN.

May be fatal if swallowed. May be absorbed through skin. May be injurious to eyes and skin. Do not inhale vapors. Do not get in eyes or on skin. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid contaminated eyes with plenty of water and get prompt medical attention. Avoid breathing vapors and spray mist. Avoid spraying food crops. Keep away from food, feedstuffs and domestic water supplies. Keep container closed.

Combustible. Do not use, pour, spill or store near heat or open flame. Handle concentrate in a ventilated area.

NOTE TO PHYSICIAN:

Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

SEE ADDITIONAL PRECAUTIONS ON PANELS 1, 3 & 4.

PANEL 1

DIRECTIONS FOR USE

PESTS Indoors: General Information: Use PYRENONE DURSBAN Dual Use E.C. as a spot treatment to control cockroaches, ants, crickets, firebrats, silverfish, spiders, and brown dog ticks in and around residential, industrial, institutional and commercial buildings including homes, apartment buildings, hospitals, stores, manufacturing plants and warehouses. Dilute PYRENONE DURSBAN Dual Use E.C. with water or with a suitable base oil to make a 0.25% or 0.5% chlorpyrifos spray as shown in the following SPRAY DILUTION CHART. Apply according to directions given for pest listed. Repeat treatment as needed.

SPRAY DILUTION CHART:

Gallons of Spray Mixture Per Gallon of Concentrate	Fluid Ounces* of Concentrate To Make	
	0.25% Spray	0.50% Spray
Water-based Spray		
1	1 1/4	2 1/2
2	3 1/4	6 1/2
3	5 1/4	10
4	7 1/4	14 1/2
5	9 1/4	18 1/2
6	11 1/4	22 1/2
7	13 1/4	26 1/2
8	15 1/4	30 1/2
9	17 1/4	34 1/2
10	19 1/4	38 1/2
11	21 1/4	42 1/2
12	23 1/4	46 1/2
Oil-Soluble Spray**		
1	3/4	1 1/2
2	1 1/4	2 1/2
3	2 1/4	4 1/2
4	3 1/4	6 1/2
5	4 1/4	8 1/2
6	5 1/4	10 1/2
7	6 1/4	12 1/2
8	7 1/4	14 1/2
9	8 1/4	16 1/2
10	9 1/4	18 1/2
11	10 1/4	20 1/2
12	11 1/4	22 1/2

*Note: 1 fluid ounce = 2 tablespoons or 6 teaspoons.

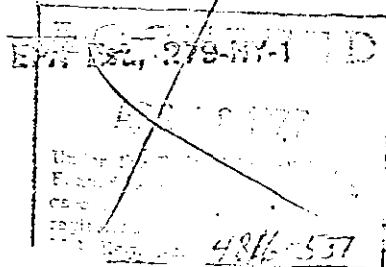
**Calculate on basis of 2-undecylundecane.

† Note: Small packets available for these dilutions.

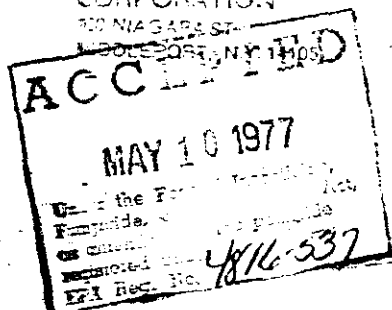
Cockroaches (including strains resistant to certain other insecticides), ants, crickets, firebrats, silverfish, spiders: Use a 0.25% spray to control light infestations and a 0.5% spray to quickly reduce heavy infestations. For spot treatment, apply as a coarse spray or with a paint brush to localized areas where these pests 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 these pests may find entrance.

Fleas and brown dog ticks: Thoroughly apply at 0.5% spray as a spot treatment to infested areas such as pet bed and resting quarters; nearby cracks and crevices; along and behind baseboards; window and door frames and local and 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 with this product.

WARNING PESTS Indoors: Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish aquariums before spraying. Do not allow spray to contact food, feedstuffs, and water supplies. Thoroughly wash dishes and food handling utensils and surfaces with soap and water if they become contaminated by application of this product. Do not use PYRENONE DURSBAN Dual Use E.C. for spot treatment in poultry houses, other animal buildings or in edible product areas of food processing plants, restaurants or other areas where food is commercially prepared and processed. Do not use in serving areas while food is prepared.



FAIRFIELD
AMERICAN
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