

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

33955-556

DATE OF ISSUANCE

DEC 23 1985

TERM OF ISSUANCE

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

ACRIL DIAZINON 25%
EMULSIFIABLE CONCENTRATE

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

PP1/Gordon Corporation - ACRIL DIVISION
P.O. Box 4090
1217 West 12th Street
Kansas City, MO 64101

161/152514
18/1

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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 33955-556."
 - b. Place single asterisk following Brown Dog Ticks.
 - c. Insert left parenthesis between "Scale Crawlers" and "Cottony-cushion."
 - d. Change "Directions for Applying (Cont'd)" to "Directions for Use (Cont'd)" wherever it appears in the neck tag label.
 - e. Change "thoroughly spray window and door screens etc." to "thoroughly spray window and door frames etc." *ES*
 - f. Please provide the data to support the claim of a 3-year shelf life.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Agnes J. ...

DATE

12/23/85

g. Please provide a pH measurement on a use-dilution of the product, since it is used as a water-diluted spray.

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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with PIFRA sec. 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.

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosures

ACME (R)

97-52

DIAZINON 25%

EMULSIFIABLE CONCENTRATE

LAWN & GARDEN INSECT CONTROL

See accompanying brochure for continuance of label.

Kills certain outdoor insects which destroy lawns, roses, flowers, trees and shrubs, or annoy pets or people. Contains DIAZINON insecticide which provides control of many "hard to kill" sucking and chewing insects.

ACTIVE INGREDIENTS:

Diazinon [0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate].....	25.0%
<u>INERT INGREDIENTS</u>	75.0%
TOTAL	100.0%

Contains Xylene-Range Aromatic Solvent.

KEEP OUT OF REACH OF CHILDREN

WARNING

See side panel for additional precautionary statements and Statement of Practical Treatment.

NET CONTENTS 8 OUNCES

97-52

NET CONTENTS ONE PINT

97-14

NET CONTENTS ONE QUART

97-16

NET CONTENTS ONE-HALF GALLON

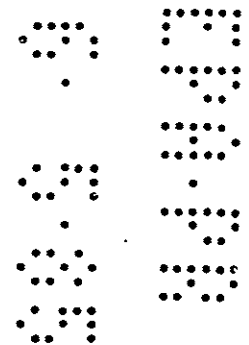
97-51

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 23 1985

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

33955-556



STOP! READ THE ENTIRE LABEL FIRST.
OBSERVE ALL USE PRECAUTIONS AND
FOLLOW DIRECTIONS CAREFULLY.

FOR COMPLETE USE DIRECTIONS, REFER TO SUPPLEMENTAL
NECK-TAG LABEL ATTACHED.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: DO NOT USE IN HOME - KEEP OUT OF REACH OF CHILDREN.
May be fatal if swallowed. May be absorbed through skin.
Do not breathe spray mist. Avoid contact with skin, eyes,
and clothing. Wash thoroughly after handling. Avoid
contamination of feed and foodstuffs. Kitchen utensils such
as tablespoons must not be used for food purposes after use
in measuring pesticides. Do not use on household pets or
humans. Do not permit children or pets to go on sprayed
areas until the spray has completely dried. KEEP OUT OF
REACH OF CHILDREN AND DOMESTIC ANIMALS.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Birds
feeding on treated areas may be killed. Do not apply directly
to water or wetlands. Shrimp and crab may be killed at
application rates recommended on this label. Do not apply
where these are important resources. Do not apply when weather
conditions favor drift from treated areas. Do not contaminate
water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct
treatment or to residues remaining on the treated area. Do
not apply when bees are actively visiting to crop, cover crop,
or weeds blooming in the treatment area. Applications should
be timed to provide the maximum possible interval between
treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed - Call a physician or Poison Control Center
immediately. DO NOT INDUCE VOMITING. Vomiting may cause
aspiration pneumonia.

If Inhaled - Remove victim to fresh air. Apply artificial
respiration if necessary.

If On Skin - Remove contaminated clothing and wash effected
areas with soap and water.

If In Eyes - Flush eyes with plenty of water. Call a physician
immediately.

NOTE TO PHYSICIAN - Product contains an organophosphate insect-
icide. If symptoms of cholinesterase inhibition are present,
atropine sulfate by injection is antidotal. 2-PAM is also
antidotal and may be administered, but only in conjunction with
atropine. Solvent presents aspiration hazard. Gastric lavage
may be indicated if material was taken internally.

DIRECTIONS FOR USE

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

STORAGE: Store in original container in a locked storage area inaccessible to children or pets.

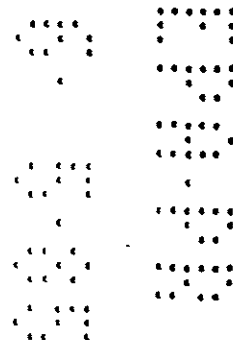
CONTAINER DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

LIMITED WARRANTY. Manufacturer warrants that the chemical composition conforms to the ingredient statement given on the label and that this product is suited for the labeled use when applied according to label directions. Because of widely varying use conditions, it is impossible to eliminate all risks even when label directions are followed.

EXCLUSION OF OTHER WARRANTIES AND REMEDIES. Except where such disclaimers and exclusions are specifically prohibited by applicable law. THE FOREGOING IS THE ONLY GUARANTEE OR WARRANTY APPLICABLE TO THIS PRODUCT AND IS GIVEN EXPRESSLY AND IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL SUCH WARRANTIES WHICH EXCEED OR DIFFER FROM SAID LIMITED WARRANTY ARE DISCLAIMED BY MANUFACTURER, and, upon Manufacturer's compliance with said limited warranty. BUYER SHALL HAVE NO REMEDY AGAINST MANUFACTURER FOR ANY TYPE OF DAMAGE OR LOSS, and, IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL DAMAGE OR LOSS.

905/485

EPA Reg. No. 33955-
EPA Est. No. 2217-KS-1



HOW TO MIX AND APPLY

Number One: Determine size of spraying job. For lawns and vegetables measure the area to be sprayed. For all other applications, apply as a thorough cover spray. Make applications when insects first appear, or in advance of an expected infestation. Repeat applications as needed or as noted in the rate chart.

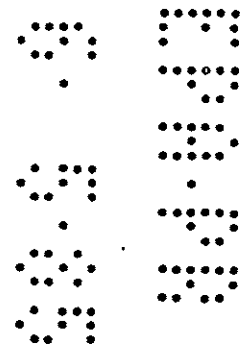
Number Two: Use clean sprayer. Carefully measure and mix the amount of Diazinon and water as suggested in the chart.

Number Three: Spray as directed in the rate chart. Use coarse drenching sprays for lawns, soil and other surface applications. Use medium fine mist sprays for trees and plants. Thorough coverage is important. Flush sprayer with clean water after each use.

FIRE ANTS

To aid in the control of fire ants in lawns and other recreation areas, apply 1 fl. oz. (2 tbsp) in a minimum of 1 gal. of water as a drench. Apply over and 6 inches around each mound. Apply gently to avoid disturbing ants. Reapply as necessary. Larger quantities of solution can be prepared for multiple mound treatments. Use equipment capable of delivering the diluted products as a gentle rain at the rate of 1 gal. per mound. High pressure sprays may disturb the ants and cause migration, reducing product effectiveness.

NOTE: For best results, apply in cool weather, 65-80°F, or in early morning or late evening hours. Treat new mounds as they appear.



DIRECTIONS FOR USE (Cont'd)

Problem Area	Pests - Rate and Area Covered
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LAWNS

Bent, Bermuda, Bluegrass, Dichondra Fescue Merion, St. Augustine.	Ants, Armyworms, Bermudagrass Thrips, Brown Dog Ticks, Chiggers, Crickets, Cutworms, Earwigs, Fleas, Frit Flies, Lawn Billbugs**, Chinch Bugs [†] Lawn Moths (Sod Webworms), Leafhoppers, Mites (Bermuda Clover), Sowbugs (Pillbugs), Spring-tails (Collembola)
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1 fl oz. in 3 gals. of water covers 125 sq. ft.
8 fl oz. in 24 gals. of water covers 1,000 sq.ft.
Thoroughly wet down grass a few hours before applying.

*Brown Dog Ticks Do not apply to animals. In particular, spray under shrubbery and the grass next to house.

**Lawn Billbugs. Water the lawn thoroughly immediately after treatment.

[†] In the North, if Chinch Bugs are the only lawn insect problem, a lower rate of application can be used.

½ fl. oz. in 3 gals. of water covers 125 sq. ft.

Millipedes 2 fl. oz. in 3 gals. of water covers 125 sq. ft.

Thoroughly wet grass a few hours before applying

Rhodegrass Scales

1 fl. oz. in 3 gals of water covers 100 sq. ft. Apply when Scale Crawlers first emerge

Ants, Digger Wasps*

1 fl oz in 3 gals. of water covers 125 sq.ft.
Spot spray and hills and wasp ground nest openings

*Make the application at dusk when the wasps are not active.

Billbugs*, White Grubs** of Japanese Beetle, European Chafer, Southern Chafer

1 fl oz. in 3 gals of water covers 125 sq. ft.

Water grass thoroughly after application

*Billbug control. Apply when activity is first observed or when chewed or brown grass is present, indicating damage from the insect.

**Grub control. Make application any time between late July and early October.

DIRECTIONS FOR USE (Cont'd)

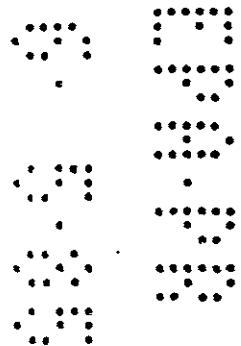
Hyperodes Weevil (New York Only)

3/4 fl. oz. in 3 gals. of water covers 125 sq. ft.
Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May

Trees & Shrubs	Wet leaves and branches to the dripping point. Try to penetrate dense foliage
Arborvitae, Azalea, Birch, Boxwood, Camellia, Douglas Fir, Elm, Hawthorn, Holly, Juniper, Liriodendron, Locust, Maple, Mimosa, Oak, Pine, Plum, Poplar, Rhododendron, Spruce, Willow	Aphids, Bagworms, European Pine Shoot Moths, Holly Bud Moths, Dopterous Leaf Miners (Arborvitae, Azalea, Birch, Boxwood, Holly, Oak), Leafhoppers, Mealybugs, Mites (Clover, Cyclamen, European Red, Privet), Two spotted Spider, Obscure Root Weevil, Omisorous Leaf Hies, Scale Crawlers Cottony-cushion, Eucyphus, Lecanium, Pine Needle, Pill Scale, San Jose, Soft.
	1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.
	Webworms (Juniper, Mimosa), Whiteflies
	1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.
	Mimosa Webworms. Apply as a thorough foliar spray when adults first appear. Make two additional applications at 4-5 week intervals.
	Apple and Thorn Skeletonizer, Hemlock Chermes, Oak Looper, Oblique banded Leaf Roller, Pear Slug, Tent Caterpillars, Webworms (Cotoneaster, Fall)
	3 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.
Roses & Flowers	Wet the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.
Azaleas, Camellias, Chrysanthemums, Carnations, Gladiol, Lilac, Rhododendron, Roses	Aphids, Eucyphus, Scale Crawlers, Flea Beetles, Dopterous Leaf Miners, Leafhoppers, Mealybugs, Mites (Carnation Bud, Carnation Shoot, Cyclamen, European Red, Two spotted Spider), Thrips, Whiteflies
	1 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray.

Directions For Applying (Cont'd)

Problem Area	Pests — Rate and Area Covered
Fruits & Nuts	Start spraying after blooming. Applications should be made according to infestation or when aphids, mites, and crawler stages of scale insects are first noted. If infestations warrant, repeat applications at 7 to 10 day intervals.
Almonds, Filberts, Pecans, Walnuts	Aphids, Nut Casemaker (pecans), Scale Crawler, Spider Mites.
	1/2 fl. oz. in 3 gals. of water. Apply as a full cover spray.
	Do not apply after husks open or split.
Apples, Pears	Aphids, Codling Moths, Eye spotted Bud Moths, Fruit Tree Leaf Rollers, Leafhoppers, Tentiform Leaf Miners (pears), Maggots (apple), Mealybugs, Mites (European Red, Clover (brown), Pacific, Two spotted Spider), Psylla (pears), Scale Crawlers (Cottony-cushion, San Jose, Forbes, Soft)
	1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
	On apples, slight russeting may occur on some varieties such as Golden Delicious
Apricots, Peaches, Nectarines	Aphids, Apricot Mealybug (apricot), Mites (Clover (brown), Two spotted), Scale Crawlers (Oliva, San Jose)
	1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Cherries	Bigch Cherry Aphid, Cherry Fruit Fly, Cherry Fruitworm (Maggot), Fruit Tree Leaf Roller, Mites (Cherry Rust), Scale Crawlers (San Jose)
	1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Figs	Dried Fruit Beetle, Vinegar Flies (<i>Drosophila</i> spp.)
	1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Plums, Prunes	Aphids (Leaf Curl, Plum, Mealy, Plum, Thistle), Mites (Clover (brown), European Red)
	1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Cranberries (blackberries, boysenberries, dewberries, loganberries, raspberries)	Aphids, Leafhoppers, Raspberry Sawfly, Raspberry Fruitworm, Two spotted Mites, Thrips
	1 fl. oz. in 3 gals. of water. Apply as a full cover spray.
Raspberries	Aphids, Raspberry Maggot, Cranberry Fruitworm, Cherry Fruitworm, Cherry Fruitworm (Maggot), Two spotted Mites, Thrips
	1 fl. oz. in 3 gals. of water. Apply as a full cover spray.



DIRECTIONS FOR USE (Cont'd)

Strawberries	Aphids, Two-spotted Mites, Strawberry Leaf Miner 1 1/2 or in 3 gals of water Apply as a full cover spray.
Grapes	Aphids, Grape Berry Moths, Grape Leafhoppers, Leafhoppers, Scale Crawlers 1 1/2 or in 3 gals of water Apply as a full cover spray.
Grapefruit, Lemons, Oranges	Citrus Thrips, Scale Crawlers, Citrus Snow, Cottony cushion 1 1/2 or in 3 gals of water Apply as a full cover spray 2 1/2 oz. in 3 gals of water Apply as a full cover spray after blooming and again in the summer. Thorough spray coverage of tree trunk, limbs and twigs is essential.
*Do not spray Fruit within:	
5 days	—Strawberries, Figs
7 days	—Blueberries, Canberries
10 days	—Apricots, Cherries, Grapes, Nectarines, Plums, Prunes
14 days	—Apples, Peaches
21 days	—Grapefruit, Lemons, Oranges, Peaches

Vegetables* Foliar Application

Thoroughly spray all plant parts. Generally applications at 7 to 10 day intervals may be required. Do not feed treated vines to livestock.

Beans, Peas	Aphids, Cucumber Beetles, Grasshoppers, Leaf Hoppers, Mexican Bean Beetles, Mites 1 1/2 or in 3 gals of water covers approximately 1,000 sq ft of garden.
Cabbage, Cauliflower, Collards, Broccoli, Kale, Radishes, Turnips	Aphids, Diamondback Moths, Flea Beetles, Imported Cabbage Worms, Dopterous Leaf Miners 1 1/2 or in 3 gals of water covers approximately 1,000 sq ft. of garden.
Carrots, Celery, Endive, Lettuce, Parsnip, Spinach	Aphids, Flea Beetles, Leafhoppers, Dopterous Leaf Miners, Mites 1 1/2 or in 3 gals of water covers approximately 1,000 sq ft of garden.
Cantaloupes, Cucumbers, Muskmelon, Squash, Watermelon	Aphids, Thrips, Mites 1 1/2 or in 3 gals of water cover approximately 1,000 sq ft. of garden.
Peppers, Potatoes, Tomatoes	Aphids, Colorado Potato Beetles, Fall Armyworms, Flea Beetles, Leafhoppers, Southern Armyworms (potato and tomato), Vinegar Flies (<i>Drosophila</i> spp (tomato)) 1 1/2 or in 3 gals of water covers approximately 1,000 sq ft of garden.

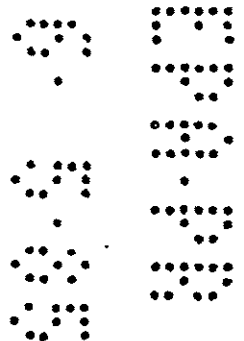
Onions	Onion Thrips 1 1/2 or in 3 gals of water covers approximately 1,000 sq ft of garden.
Sweet Corn	Aphids, Flea Beetles, Grasshoppers, Mites 1 1/2 or in 3 gals of water covers approximately 1,000 sq ft of garden.

Vegetables* Preplant Soil Application

Cabbage, Carrots, Corn, Lettuce, Peas, Pole Beans, Radishes, Red Beets, Snap Beans, Tomatoes, Turnips	Cutworms (Surface, Subterranean) 6 lb. or per 1,000 sq ft. in sufficient water to achieve thorough coverage.
	Apply broadcast just before planting. Immediately work into soil 2-3 inches for Surface Cutworms, 3-6 inches for Subterranean Cutworms.
	Garden Symphlyans (Garden Centipedes) 15 lb. or per 1,000 sq ft. in sufficient water to achieve thorough coverage.
	Apply broadcast just before planting. Immediately work into soil 4-6 inches.
	Mole Crickets, Carrots, Corn, Peas, Pole Beans, Red Beets, and Snap Beans Only 15 lb. or. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.
	Apply broadcast just before planting. Apply 1-2 days before sowing or transplanting. Immediately work into soil 1-2 inches.
	Root Maggots, Cabbage Only 45 lb. or. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.
	Apply broadcast just before planting. Immediately work into soil 3-4 inches before seeding, either in a seed bed or in field or before transplanting.
	Wireworms, Cabbage, Carrots, Corn, Lettuce, Peas, Snap Beans, and Tomatoes Only 6 lb. or. per 1,000 sq. ft. in sufficient water to achieve thorough coverage.
	Apply broadcast just before planting. Immediately work into soil 4-6 inches.

*Do Not spray Vegetables within:

1 day	—Peas, Tomatoes, Sweet Corn
3 days	—Cantaloupes, Muskmelons, Squash, Watermelons
5 days	—Broccoli, Cauliflower
7 days	—Beans, Cabbage, Cucumbers, Peppers
10 days	—Carrots, Celery, Collards, Endive, Kale, Lettuce, Onions, Parsnips, Radishes, Spinach, Turnips
35 days	—Potatoes



DIRECTIONS FOR USE (Cont'd)

NUISANCE PESTS IN OUTSIDE AREAS Ants*¹, Boxelder Bugs, Brown Dog Ticks*¹, Chiggers¹, Clover Mites*¹, Cockroaches, Crickets*¹, Earwigs*¹, Fleas*¹, Flies*¹, Millipedes*¹, Sowbugs (Pillbugs)*¹, Spiders, Springtails (Collembola)*¹.

8 fl. oz. in 3 gals of water

Thoroughly spray window and door screens, sills, foundations, porch and patio walls and ceilings, entranceways, walks, garbage cans, tree trunks and into cracks and other places where insects can hide.

Do not treat plants at this application rate. Do not treat animals with this product.

*Spray a 5 ft. band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet.

¹See lawn recommendations for other control measures for these pests.

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