



009688-00132-052599

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Systems Integration Group, Inc.



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
9688-132

Date of Issuance:
MAY 25 1999

NOTICE OF PESTICIDE:
 Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance: **Conditional**

Name of Pesticide Product:
**Chemsico
Insecticide PD**

Name and Address of Registrant (include ZIP Code):

**Chemsico
Division of United Industries
P.O. Box 15842
St. Louis, MO 63114**

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Reg. No. 9688-132".
 - b. Delete the front panel claim "Contains Grub Stopper". Per your May 18, 1999 FAX, the Agency understands that this trademark transfer was not finalized.

Signature of Approving Official:

Date: **MAY 25 1999**

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- c. Delete the front panel claims "Maximum grub control", "Optimum grub control", "Kills grubs on contact", and "Stops damaging grubs on contact". Also, delete "Lasts 3 times longer than our 5% diazinon granules and [/or] 1% chlorpyrifos granules". No chemistry and efficacy data was submitted to substantiate such a claim.
 - d. As noted in the Agency's February 27, 1997 letter regarding your product EPA Reg. No. 9688-83 which you submitted for reference, delete "the most troublesome" in the first sentence of the optional marketing language.
- 3. Since this product contains diazinon, please submit the results of the one-year storage stability study when they become available.
 - 4. Submit three (3) 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 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.



INSECTICIDE PD

This product must not be used on golf courses and sod farms.
For outdoor use on home lawns only.

[Ready-to-use [Granules] • Granular insecticide • Contains Grub Stopper® • Dual insecticide system • Treats up to 5000 square feet • Kills insects which damage lawns • Kills insects above and below the ground • Kills on contact • Up to 4 week control • Protects your home from invading ants • Also stops [kills] spiders, roaches, ants, fleas, brown dog ticks and more
• Kills grubs, fleas, ants, crickets, brown dog ticks, fire ants, chinch bugs, armyworms, billbugs, cutworms, earwigs, sod webworms and other listed [troublesome] [common] insects
• Kills ants, grubs and other insects within 24 hours! • 24 hour (Option: hr.) control • Kills grubs in 24 hours (Option: hrs) • Maximum grub control • Effective grub control • White grub control • Kills grubs on contact • Seasonal grub control • Optimum grub control • Stops damaging grubs on contact • Kills grubs that damage lawns • Long lasting • Lasts 3 times longer than our 5% diazinon granules and/or] 1% chlorpyrifos granules]

Active Ingredients:

Diazinon: O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate 5.00%
Permethrin [(3-phenoxyphenyl) methyl (±) cis-trans-3-(2,2-dichloroethyl)-2,2-dimethyl-
cyclopropanecarboxylate] 0.25%
Inert Ingredients: 94.75%

*cis-trans isomer ratio: min 35%(±) cis, max. 65% (±) trans.

KEEP OUT OF REACH OF CHILDREN

CAUTION See additional precautionary statements on back

NET WEIGHT 10 LB. [4.54 kg]

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

MAY 25 1999

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
9688-132**

[OPTIONAL MARKETING LANGUAGE]

[Chemsico Insecticide PD contains permethrin, a long lasting insecticide which provides fast acting and long lasting control for up to 4 weeks of the most troublesome outdoor insects, and diazinon for effective grub control. This product is ideal for use on lawns throughout the season to control insects both above and below the surface of the ground. Above ground, it kills the bugs it contacts for up to 4 weeks preventing further damage. And, when water contacts the granules, diazinon is quickly released for effective underground grub control.]

IN LAWNS, it kills:

Ants	Chinch bugs	Fleas	White grubs of:
Armyworms	Clover mites	Lawn moths	• Japanese beetle
Bermudagrass mites	Crickets	Leafhoppers	• European chafer
Billbugs	Cutworms	Millipedes	• Southern chafer
Brown dog ticks	Digger wasps	Sod webworms	
Chiggers	Earwigs	Sowbugs	
	Fire ants	Springtails	

STOP. READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

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

LAWN TREATMENT

Apply with a fertilizer spreader as indicated below. Settings for common spreaders are listed in the chart below. Repeat as necessary, but no more than four times per year (at 4 week intervals.) This product controls the following insects on both grass and dichondra lawns:

SURFACE INSECTS (icon)

Including: Ants, armyworms, bermudagrass mites, brown dog ticks, chiggers, chinch bugs, clover mites, crickets, cutworms, earwigs, fleas, lawn moths (sod webworms), leafhoppers, millipedes, sowbugs and springtails (collembola): Apply 2 lbs. per 1000 square feet (an area 20' x 50'.) Apply when grass is dry. Water lawn lightly after applying.

UNDERGROUND INSECTS (icon)

Including: Billbugs, white grubs (Japanese beetle, European chafer, Southern chafer), dung beetle and hyperodes weevils: Apply 2 lbs. per 1000 sq. ft. of lawn. Water grass with at least 1/4" of water after applying. However, stop before puddling occurs.

[Bracketed Text] = Optional Language

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WHEN TO TREAT: Treat the following pests during the months indicated. If necessary, repeat application at four week intervals. Make no more than 4 applications per year.

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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Billbugs

Grubs

Hyperodes weevils

Dung beetle grub

Treat ants, fleas, ticks and other insects when they first appear or you notice lawn damage.

SPREADER SETTINGS

[Spreader] Make & Model	2 lbs./1000 sq. ft.	[Spreader] Make & Model	2 lbs./1000 sq. ft.
Cyclone Broadcast	3 1/2 - 4	Scotts PF4	4 3/4 - 5 1/2
Greenview Drop Spred III	3 - 3 1/2	Sears Drop 1935	5 - 5 1/2
Greenview Jet Spred III	4 - 4 1/2	Sears Broadcast 1930	3 1/4
Republic Drop EZ530	8 - 9	Servistar Broadcast	4
Republic Broadcast EZ540	2 - 2 1/2	Servistar Drop	5 3/4
Scotts AG3	3 - 3 1/2	True Temper Broadcast	4
Scotts SG3	4 - 4 1/2	True Temper Drop	5 3/4
Scotts EG3	26 1/2 - 27		

NOTE: These settings are approximate. To check setting accurately weigh a few pounds into your spreader and apply to a measured area. Then if necessary adjust your spreader for the correct rate of application.

SPECIAL PRECAUTIONS TO REDUCE RISK TO BIRDS

Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. To reduce risks to birds:

1. Do not treat areas larger than 15,000 sq. ft.
2. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20.
3. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl.
4. Avoid overlapping treated areas.
5. Follow all watering instructions in the directions for use; however, stop watering before puddling occurs.
6. Do not apply this product to sites occupied by waterfowl or to sites within 75 ft. of any body of water that may attract waterfowl, such as lakes or ponds.
7. If it is necessary to repeat application, wait a minimum of 4 weeks between applications. Make no more than 4 applications per year.

LAWN SPOT TREATMENT

Ants: Apply 1 1/2 teaspoons over and around each ant hill.

Fire ants: For best results, apply in morning or evening hours. At these times, fire ants are closer to the surface virtually assuring the product will contact them. Sprinkle 1/2 cup of granules over and 2 feet around each mound. Immediately after applying, GENTLY water in the granules using at least 1 gallon of water for each mound. Gentle application of water is important as high pressure spray may disturb the ants and cause migration, reducing the product effectiveness. Treat new mounds as they appear.

Digger wasps: Apply 1 1/2 teaspoons in and around each nest opening. Apply at dusk when wasps are not active.

MEASUREMENT CONVERSION

1 Cup = 4.2 oz. product

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BAND TREATMENT AROUND HOUSE FOUNDATION

The following pests are commonly found near foundations of homes as well as in lawns. Some of these pests may enter your home.

Ants	Crickets	Millipedes	Spiders
Brown dog ticks	Earwigs	Roaches	Sowbugs (Pillbugs)
Clover mites	Fleas	Silverfish	Springtails (Collembola)

Apply a 2-foot band of granules next to the house foundation. Sprinkle granules evenly, using a rate of 3.2 oz. for each 100 sq. ft. of area (2' by 50') treated. If necessary, repeat application at 4-week intervals.

OPTIONAL FIRE ANT DIRECTIONS AND CLAIMS

With Accelerator® • Kills Queen and Mound in 24 hrs. • Kills Queen and Colony • Works within 24 hours (no waiting for weeks) • Broadcast to kill foraging ants • With Accelerator Kills Queen and Colony in 24 Hours! • Control fire ants throughout your lawn

For outdoor use on home lawns and other outdoor home recreation areas only.

STOP. READ ENTIRE LABEL BEFORE USE

DIRECTIONS FOR USE

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

MOUND TREATMENT - Kills the queen and colony

1. (graphic) Sprinkle 1/2 cup granules over and 2 feet around each mound.
2. (graphic) Immediately after applying, GENTLY water in granules using at least 1 gallon of water for each mound.
3. Treat new mounds as they appear.
4. For spot treatment of ants other than fire ants: Apply 1 1/2 teaspoons over and around each ant hill.

BROADCAST TREATMENT - Kills foraging ants

The use of a broadcast treatment is not intended to be a substitute for fire ant mound treatment. For effective fire ant control you must also treat the mound.

1. Apply granules with a spreader at a rate of 2 lbs. per 1,000 sq. ft.
2. Water lawn immediately after application.
3. Do not mow for 24 hours following treatment.

SPREADER SETTINGS FOR [OVERALL] LAWN APPLICATIONS

[Spreader] Make & Model	2 lbs./1,000 sq. ft.
Republic Drop EZ530	8 - 9
Scotts SG3	4 - 4 1/2
Scotts EG3	26 1/2 - 27
Sears Broadcast 1930	3 1/4
True Temper Broadcast	4

NOTE: These settings are approximate. To check setting accurately weigh a few pounds into your spreader and apply to a measured area. Then if necessary adjust your spreader for the correct rate of application.

USE TIPS

- (graphic) For best results, apply in morning or evening hours. At these times, fire ants are closer to the surface virtually assuring the product will contact them.
- Gentle application of water is important as high pressure spray may disturb ants and cause migration, reducing product effectiveness.

STORAGE AND DISPOSAL

Storage: Store in original container in a cool, dry, well-ventilated area. Store product in an area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, other insecticides, seeds, food or feed. **Pesticide Disposal:** Securely wrap original container in several layers of newspaper and discard in trash. **Container Disposal:** Do not reuse empty bag. Discard bag in trash.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Do not store near food or feed products. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds. **Do not allow people or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.**

First Aid

If swallowed: Call a physician immediately. Drink one or two glasses of water and induce vomiting

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by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing. **If Inhaled:** Remove victim to fresh air and apply artificial respiration, if indicated. **If on skin:** Wash promptly with soap and water. Rinse thoroughly. Get medical attention. **If in eyes:** Rinse eyes with plenty of water and call a physician immediately. **NOTE TO PHYSICIAN:** This product contains an organophosphate insecticide. 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.

Environmental Hazards

This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds. Avoid overlapping granules. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil. For lawns, follow all watering instructions in the directions for use; however, stop watering before puddling occurs. For lawns, do not apply this product to sites occupied by waterfowl, or within 75 ft. of any body of water which may attract waterfowl, such as ponds or lakes. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water. Runoff may be hazardous to fish and other aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Questions or comments? Call 800-332-5553

Made in the USA for
Chemsico, Division of United Industries Corporation
P. O. Box 15842, St. Louis, MO 63114-0842

UPC SYMBOL
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EPA Reg. No. 9688- EPA Est. Nos. 10370-TX-1 F , 9198-OH-1 M , 61282-WI-1 H , 44616-MO-1 G , 44616-MO-1 D , 961-PA-1 L , 9198-OH-2 B , 769-GA-1 S Superscripts used in first letter of lot number
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