

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

4

JUN 28 1994

3005445634
1714

Mr. Howard Arbaugh
Archem Corporation
P.O. Box 767
1514 11th Street
Portsmouth, OH 45662

Dear Mr. Arbaugh:

Subject: Amendment - Revised Labeling
Diazinon 4 LB. Concentrate WE
EPA Registration No. 7122-110
Your Application Dated June 12, 1993

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. The first paragraph under the heading **Food/Feed Areas of Food/Feed Handling Establishment** should be revised to read as follows:

Includes areas for receiving, storage (dry, cold, frozen, raw), preparing (cleaning, slicing, cooking, grinding), serving (when food is exposed and facility is in operation), packaging (canning, bottling, wrapping, boxing), edible waste storage, and enclosed processing systems (mills, dairies, and systems for processing edible oils and syrups).

2. In the **OUTDOOR USE** directions, in the section entitled **Pests of Ornamental Plants**, relocate "Try to spray underside of leaves and penetrate dense foliage." to the end of the preceding paragraph (i.e., after "... in the following chart.") This would eliminate any possible user confusion that spraying the underside of leaves would let someone treat fern, poinsettias, hibiscus, papaya, pilea, and gardenia in this manner with the anticipation of thereby avoiding potential phytotoxic effects.

3. Delete **aromatic petroleum derivative solvents** from the active ingredients and add its percent to the inert ingredients.

CONCURRENCES

SYMBOL	CA							
SURNAME								
DATE	1/28/94							

Submit five copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

IMPORTANT: Please note that a revised Confidential Statement of Formula (CSF) must be submitted for this product. The last accepted basic and alternate CSF does not include the upper certified limits of the 4 impurities of toxicological concern to the Agency as specified in the Diazinon Registration Standard. Please contact Ms. Carolyn Bussey of Ciba-Geigy (919) 632-2838 for assistance in preparing the revised CSFs, which must also include certain required certification statements. This should receive your immediate attention.

Sincerely yours,

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of ArChem or the Seller. All such risks shall be assumed by the Buyer.

ArChem warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. ArChem makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall ArChem or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. ArChem and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of ArChem.

DIRECTIONS FOR USE

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

General Information

Scoutless Duesse is an emulsifiable concentrate and is intended for use by pest control operators. Apply the product after dilution with water according to the directions for use for the control of those pests specified on this label. Scoutless Duesse is not intended for use in preparing of base sprays.

This product may be used indoors in households, apartments, and other structures including schools (except classrooms in use), hospitals (except in patient rooms while occupied), office buildings, museums, libraries, sports facilities, stores, washrooms, and food and feed handling establishments. Read and follow the "Precautions" listed below when applying this product in any of these indoor areas. This product is also approved for use in USDA Meat and Poultry Plants. In food and feed areas of food/feed handling establishments, Scoutless Duesse may be applied only as a crack and crevice treatment or limited spot treatment. See the specific directions for use for treatment of these areas.

Scoutless Duesse may also be used outdoors only on home lawns and ornamentals around the home. See the specific directions for use for treatment of these areas.

INDOOR USE

Indoors Scoutless Duesse controls ants, brown dog ticks, carpenter beetles, cockroaches (waterbugs), scorpions, and spiders.

In households and in food and feed areas of food/feed handling establishments this product also aids in the control of the following exposed stages of pantry pests which come into contact with treated surfaces.

Drugstore beetle, flour beetle, rice weevil, cigarette beetle, Indian meal moth, sawtooth grain beetle

Precautions: (1) Do not use this product indoors as an overall surface spray or as a space spray. Take care not to introduce this product into the air during application. (2) Use only in well-ventilated areas. (3) Do not apply where children are likely to frequently contact treated surfaces. (4) Remove children from rooms and remove pets before application. (5) Do not treat pets with this product. (6) Do not use on children or pets in treated areas until spray has dried. (7) Do not apply this product in patient rooms or in any rooms while occupied by the elderly or infirm. (8) Do not apply to classrooms when in use. (9) In institutions (including, but not limited to, office buildings, museums, libraries, and sports facilities) do not apply this product when occupants are present in the immediate area. (10) The solvent used in this formulation is a petroleum distillate which may stain certain plastic, rubber and other materials such as tiles and floor coverings. Do not treat such materials. (11) Avoid excessive wetting of carpets, floor coverings or unfinished materials because damage may occur. (12) Care should be taken to avoid wetting of walls, wall coverings, and fabrics. (13) Do not apply directly to conduits, motor housings or electrical switch boxes. (14) Do not apply to areas, surfaces, or utensils which have contact with food. (15) Exposed food should be covered or removed during application. (16) All food processing surfaces and utensils should be covered during application or thoroughly washed with soap and water before use. (17) Do not spray during application in bare clothing and immediately after spraying wash affected body areas with soap and water and launder clothing before wearing again.

Mixing Instructions

Scoutless Duesse with... make a 1/2% or 1% spray and apply as indicated below.

Table with 3 columns: Conc. of finished spray, Amount Scoutless Duesse to use for 1/2% spray, Amount Scoutless Duesse to use for 1% spray. Rows include 1, 2, 3, 10, and 25.

*2 1/2 tablespoons = 1 1/2 fl oz

Indoor Use - Except Food and Feed Handling Establishments, Households, Apartments, and Non-Food Areas of Offices, Schools (except classrooms in use), Libraries, Hospitals (except patient rooms while occupied), Museums and Sports Facilities. (See "Food and Feed Handling Establishments" for special directions when applying this product in food handling or serving areas in non-residential buildings.)

Cockroaches (Waterbugs), Ants, Silverfish. Make 10 applications of 1/2% coarse spray or apply with a paintbrush to baseboards, areas around water pipes, cracks and crevices, surfaces behind and beneath cabinets, refrigerators, sinks, stoves, and similar areas where these insects hide.

For heavy cockroach infestations, make the first application at a strength of 1%, followed by monthly applications of 1/2% spray.

Brown Dog Ticks. Make thorough application of a 1/2% spray to infested areas around baseboards, window and door frames, wall cracks, sleeping quarters of household pets, and localized areas of floors and floor coverings. Do not use as an overall surface spray. Fresh bedding should be placed in animal quarters following a treatment. Do not treat animals with this product.

Carpet Beetles: Apply a 1/2% spray in spot applications along baseboards and edges of carpeting, under carpeting and rugs and furniture, in closets and on shelving and wherever these insects are seen or suspected.

Spiders and Scorpions: Apply a 1/2% spray around windows, doors, and along baseboards. Make spot applications to other areas over which these pests may crawl.

Pantry Pests - Exposed Stages (Sawtoothed grain beetle, Flour beetle, Rice weevil, Cigarette beetle, Drugstore beetle, Indian meal moth). Apply a 1/2% spray to shelves and cupboards where food containers suspected of being infested are stored. Remove all food and shelving paper before spraying. Do not replace the food packages until spray has dried. Cover shelves with shelving paper. This treatment is supplemental to good housekeeping, since it will have no effect on insects breeding within food packages. Infested food packages should be destroyed.

Food and Feed Handling Establishments

Places other than private residences in which food or feed is held, processed, prepared or served (includes restaurants, canneries, bakeries, food processing plants, milk dairies, and USDA Meat and Poultry Plants). Scoutless Duesse may be used in the food/feed areas and the non-food/non-feed areas of these establishments. Apply Scoutless Duesse either as a limited spot or crack and crevice treatment as directed below.

Food/Feed Areas of Food/Feed Handling Establishments

Include areas for receiving, serving, storage (dry, cold, frozen or raw) packaging (canning, bottling and grinding), enclosed processing systems (milk dairies, and systems for processing apple oil, and syrups).

APPLICATION OF THIS PRODUCT IN THE FOOD/FEE AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A CRACK AND CREVICE TREATMENT OR LIMITED SPOT TREATMENT IS NOT PERMITTED

Limited Spot Treatment

Apply this product diluted to 1/2% as a coarse low pressure spray around water pipes and door frames, to surfaces behind cabinets, refrigerators, sinks, stoves, storage areas and similar non-food areas. Limit spot treatments to floor surfaces where pests have been seen or where they are suspected of hiding. Limit the sum of individual spot treatments to an area no larger than 20% of the floor surface area. Any individual spot treatment must not exceed 2 square feet.

Crack and Crevice Treatment

Apply this product diluted to 1/2% within the limit capacity of delivering a paintbrush or other applicator in small amounts directly into cracks and crevices, such as under and around equipment, in walls and equipment legs and bases.

Non-Food/Non-Feed Areas of Food/Feed Handling Establishments include garbage rooms, walkways, rear drains, sewer vent pipes and vestibules, offices, kitchen rooms, machine rooms, power rooms, mop closets and storage areas (after canning or bottling).



This Product Must Not Be Used On Golf Courses And Sod Farms.



Net Contents
One Gallon
U. S. Standard Measure

DIAZINON 4 LB. CONCENTRATE W.E. INSECTICIDE

Recommended for commercial/industrial use only.

For pest control indoors including food and feed handling establishments. Outdoors use only on home lawns and landscaped areas around the home.

Active Ingredients:

Diazinon, O,O-Diethyl O [2-isopropyl 6-methyl-4-pyrimidinyl] phosphorothioate	4.75%
Aromatic Paraffin Derivative Solvent	29.9%
Inert Ingredients	22.8%
TOTAL	100.00%

* Diazinon trademark of Ciba-Geigy Corporation
Contains 4 lbs. Diazinon per gallon

THIS PRODUCT CONTAINS THE TOXIC INERT INGREDIENT XYLENE

KEEP OUT OF REACH OF CHILDREN. CAUTION Precautionary Statements

Hazards to Humans and Domestic Animals

Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before smoking or eating. Remove contaminated clothing and wash before reuse. Avoid contamination of food and feed. Food utensils such as tablespoons or measuring cups must not be used for food purposes after use in measuring pesticides. Keep out of reach of domestic animals. Do not use on humans, household pets, or livestock. Do not permit children or pets to go onto treated areas until spray has dried. Do not contaminate ornamental fish ponds.

Statement of Practical Treatment

If swallowed: Call a physician or poison control center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia. Do not give anything by mouth if person is unconscious or convulsing.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

If on skin: Wash promptly with plenty of soap and water. Rinse thoroughly. Get medical attention.

If in eyes: Rinse eyes with plenty of water. Call a physician if irritation persists.

Note to Physician: Solvent may present aspiration hazard. Gastric lavage may be indicated if product was taken internally. Diazinon is 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.

SEE REVERSE PANEL FOR ADDITIONAL PRECAUTIONS

EPA Reg. No. 7122-118 EPA Est. No. 7122-04-1

MANUFACTURED BY

The ArChem Corporation

1514 Eleventh St. P.O. Box 767 Portsmouth, Ohio 45662
614-353-1125

Batch # _____ Packed by _____ Date _____

AR 442

(Revised Label 7/12/93)

Spot Treatment

Apply this product diluted to a 1/2 1% spray. Apply as a coarse, low-pressure fan spray as a spot treatment along baseboards, to areas around water pipes, beneath cabinets, to surfaces behind and beneath sinks, lockers and panels, and to storage areas where cockroaches, ants, silverfish and spiders hide.

OUTDOOR USE

Control of pests on lawns and on ornamentals around the home only.

Precautions: (1) Do not use this product on ornamentals or on turf areas other than around the home. (2) Do not apply this product through any type of irrigation system. (3) This product is highly toxic to bees. Do not use to direct treatment or to residues on blooming plants. Do not apply this product or allow it to drift to blooming plants if bees are visiting the treatment area. (4) Birds, especially waterfowl, feeding or drinking on treated areas may be killed. (5) 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. (6) Do not exceed maximum permitted label rates since rates above those recommended significantly increase potential hazards to birds and waterfowl. (7) Avoid over-spraying. (8) Waterfowl, i.e., ducks, geese, can be especially sensitive to the treated area after treatment (except spot treatment) water taken with at least 1/2 inch of water immediately after spraying this product. However, skip watering before puddling occurs. (9) Wear a long sleeved shirt and long legged pants when spraying. Spray with the wind to your back. Do not spray on windy days. If clothing becomes wet from spray during use, remove clothing after spraying. Wash affected body areas thoroughly with soap and water, and launder clothing before wearing again.

Pests of Ornamental Plants: To control certain pests on Arbutus, Azalea, Birch, Boxwood, Camellia, Carnation, Cornus, Chrysanthemum, Douglas fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Rose, Spruce and Willow, apply the recommended rates indicated in the following chart.

Do not use on Ferns, Fuchsia, Hibiscus, Peppers, Pinks and Gardenia, since injury to the plants may occur. Do not spray under side of leaves and penetrate dense foliage.

Pests	Amount Diazinon to use	
	per 3 gals. water	per 100 gals. water
Azalea, Bagworms, Carrion-bud mites, Carnation thrips, as, Clover mites, Cyprinid mites, European leaf-miner, European pine shoot moth, European red mite, Flea beetles, Girdler moths, Leafhoppers, Obliquebanded leaf-roller, Omnivorous leafhopper, Privet mites, Scale crawlers, Cottony-cushion, Lecanium, Pine needle, San Jose scale, Thrips, Two-spotted spider mite, Juniper Webworms, Whiteflies	1/2 fl oz *	1 pt *
Apple and thorn skeletonizers, Conehead webworms, Fall webworms, Hemlock chermes, Oak looper, Obliquebanded leaf-roller, Pear slugs, Tent caterpillars	1 1/2 fl oz *	3 pts *

* 1 fl oz = 2 tbsps, 16 fl oz = 1 pt

Mineral Weeborm: Mix 1/2 fl oz (1 tablespoon) in 3 gals of water (or 1 pt in 100 gals of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

Environmental Hazards

This product is highly toxic to birds, fish and other wild life. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on the label. 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 since rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid over-spraying. Waterfowl, i.e., ducks, geese, can be especially sensitive to the treated area after treatment (except spot treatment) water taken with at least 1/2 inch of water immediately after spraying. This product, however, skip watering before puddling occurs. Remove all leaves, stems and ornamentals and avoid as much as possible contact with water to avoid waterfowl contamination. Do not contaminate fish ponds, streams, lakes, rivers, streams, etc. Do not use on ornamentals or aquatic organisms in any type of water. Do not use on lawns or other areas where children and pets are likely to play. Do not use on lawns or other areas where children and pets are likely to play. Do not use on lawns or other areas where children and pets are likely to play.

This product is highly toxic to bees. Do not use to direct treatment or to residues on blooming plants. Do not apply this product or allow it to drift to blooming plants if bees are visiting the treatment area.

Pests of or Chemical Hazards

Do not use near the vicinity of a school or day care center.

Home Lawn Pests: To control pests

Pests	Rate per 1,000 Square Feet	
	per 3 gals. water	per 100 gals. water
Lawns: Chinch bugs		2.3 fl oz
Ants, Armyworms, Bermudagrass thrips, Chinch bugs, Springtails (Collembola), Cicadas, Cutworms, Digger worms, Earwigs, Fleas, Ground Squirrels, Leafhoppers, Sod webworms (Lawn moths), Sowbugs (pillbugs)		2.3 fl oz
Brown bog mites, Chiggers, Fleas		3 fl oz
Milkweed, Rhododendron scales		3 fl oz
White grubs (such as Japanese beetle larvae, European chafar, Southern chafar)		3 fl oz

Nuisance Pests Outside the Home: Azalea, Rose, Spider Bugs, Brown Dog, Cockroaches, Crickets, Earwigs, (Pillbugs), Fleas, and Springtails. Mix 3 fl oz in 3 gals of water.

Thoroughly spray window and door porch and patio walls, entrance way, and into cracks and other places. Application as necessary.

To prevent entry of insects into the house, spray around the house to a height of 2-3 feet. Repeat.

Storage and Disposal

Do not contaminate water, food or feeding areas. Do not dump or pour.

Pesticide: Pesticide wastes are acutely toxic. Immediately clean all equipment and containers. Do not reuse. Do not discharge into water. Do not use in residential areas. Do not use in residential areas. Do not use in residential areas.

Container: To prevent personal injury, poisoning or damage to property, do not reuse. Do not use in residential areas. Do not use in residential areas. Do not use in residential areas.

ACCEPTED FOR REGISTRATION IN EPA LIST

JUN 28

Under the Federal Insecticide, and Fungicide Act, registered under 7122-118

BEST AVAILABLE COPY