

Ms. Kresti Lyddon  
LESCO, Inc.  
20005 Lake Road  
Rocky River, OH 44116

FEB 20 1996

Dear Ms. Lyddon:

Subject: Amendments- Revise per Diazinon Registration Standard,  
Specify as Restricted Use Product  
LESCO Diazinon 500 Insecticide  
EPA Registration Number 10404-11  
Your submission dated October 10, 1995

The amendments referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), are acceptable provided that you:

- 1) Submit and/or cite all data or other materials required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 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 bearing the amended labeling:
  - a. In the eighth sentence of the **Hazards to Humans and Domestic Animals**, revise "table- spoons" to "tablespoons" and revise "cups should not" to "cups must not".
  - b. In the seventh sentence of the Environmental Hazards, add "On lawns," before "if waterfowl".
  - c. In the listing of Insects under the heading Ornamental Insect Control, revise "Twospotted Mites" to "Two-spotted Spider Mites".

- d. In the last sentence of the paragraph under the heading Lawn Insect Control (Excluding Golf Courses and Sod Farms), revise "at least 1/4 inch water" to "at least 1/4 inch of water".
- e. In the Lawn Insect Control table, it would be better if you would underline Rate/1,000 sq. ft. so that it is clearly a heading over the two columns that follow.
- f. In the Remarks column of the Lawn Insect Control table, replace "Spot Spray ant hills and wasp ground next to openings." with "Spot spray ant hills and wasp ground nest openings. For digger wasps, apply at dusk when wasps are not active.". Also, revise "Early October" to "early October in the White Grubs control Remarks.

A stamped copy of the label is enclosed for your records. Please note that diazinon products may not be released into channels of trade after August 31, 1995 unless they bear accepted labeling amended in accordance with the Diazinon Registration Standard, i.e., this product may not be released for shipment unless it bears the label being accepted at this time, revised in accordance with the comments in this letter.

A revised Confidential Statements of Formula (CSF), must be submitted for this product. The CSF must include upper certified limits for the impurities of toxicological concern as identified in the Diazinon Registration Standard (TEPP, O,S-TEPP, S,S-TEPP, and oxo-diazinon), and should include signed and dated certification statements relative to FIFRA Sec 12 (a)(1)(C) and the method of arriving at the certified limits for the impurities (i.e., reliance on Ciba-Geigy's analysis, or another producer's analysis if another source of diazinon is used) and addressing data requirements under Guidelines 61-3 and 61-2b. If you have more than one diazinon supplier, separate CSF forms should be submitted for each supplier since the levels of toxicologically significant impurities are different for each diazinon technical and the certification of analyses are only appropriate to each supplier's own material. The text of these certification statements is as follows:

I hereby certify that, for the purposes of FIFRA Sec.12(a)(1)(C), the description of the composition of [your product's name], EPA Reg. No. [insert correct number for your product], refers to the composition set forth on this Statement of Formula and supporting materials. This description includes the representation that (1) no ingredient will be present in the product in an amount greater than the upper certified limit or in an amount less than the lower

certified limit specified for that ingredient in this Statement of Formula; and (2) if the Agency requires that the source of supply of an ingredient be specified, that all quantities of such ingredient will be obtained from the source specified in the Statement of Formula.

I certify that the upper certified limits for the impurities listed on this Statement of Formula are based on [your supplier's name] analysis and certification of limits for this product based on [name of source product that your supplier has analyzed]. I further certify under Section 61-3 and 61-2(b) that there are no chemical reactions between diazinon and/or its impurities with the intentionally added inerts.

If you do not already have the impurities information required on the CSF, please immediately contact your supplier(s) directly.

Sincerely,

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



**RESTRICTED USE PESTICIDE**  
**DUE TO AVIAN AND AQUATIC TOXICITY**  
 FOR RETAIL SALE TO AND USE BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION  
 AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

# Diazinon 500 Insecticide

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or for climatic modification and being grown in ornamental gardens or parks, or on lawns and grounds.

This product must not be used on golf courses and sod farms.

For control of certain insects on Ornamentals and Lawns as listed on label

LESCO Diazinon 500 contains 4 lbs Diazinon per gallon

**ACTIVE INGREDIENT:**

O-Dimethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	48.00%
<b>INERT INGREDIENTS*</b>	<b>52.00%</b>
<b>TOTAL</b>	<b>100.00%</b>

\*Contains Xylene Range Aromatic Petroleum Distillate

EPA Reg No 10404-11

EPA Est No 10404-OH-02

**STORAGE AND DISPOSAL**

**Storage Instructions:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**Pesticide Disposal Instructions:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If pesticide, spray mixture or rinsate cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**Container Disposal Instructions:** Plastic - Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes. In the event of a major spill, fire or other emergency, call CHEM-TREC 1-800-424-9300 day or night.

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Because of the migratory habits of 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. Rates above those recommended significantly increase potential hazards to birds, especially waterfowl. Avoid overlapping of sprays. If waterfowl, i.e. ducks or geese, can be expected in the treated area after treatment (except spot treatment) apply at least 1/4 inch of water immediately after spraying this product, however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to 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 washwaters.

This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment areas.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use, pour, spill, or store near heat or open flame.

**PRECAUTIONARY STATEMENTS**  
**CAUTION**  
**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 eating or smoking. Remove contaminated clothing and wash before reuse. Avoid contamination of food and feed. Food utensils such as table, spoons and measuring cups should 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 contaminate ornamental fish ponds. Do not permit children or pets to go onto treated areas until spray has dried.

**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 soap and water. Rinse thoroughly. Get medical attention.

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

Note to physician: This product is an organophosphate insecticide. In the event of poisoning, moderate inhibition are present at the cholinergic synapses, which may be treated with atropine. This product is also an anticholinergic and may cause a form of atropine poisoning. This product contains a known carcinogen, diazinon, which is a known respiratory hazard. Avoid inhalation of spray mist. Do not take internally.

**GENERAL INFORMATION:** LESCO Diazinon 500 Insecticide is an emulsifiable solution which when diluted with water according to directions, is intended for the control of insect pests on turf and ornamentals. Do not use in barns or dwellings. Do not use on livestock. In the directions for use which follow, best control is obtained when application is made at the first sign of insects. Application should be repeated as necessary to maintain control. To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, since plant injury may result.

**DIRECTIONS FOR USE**

A VIOLATION OF FEDERAL LAW TO USE THIS PESTICIDE IN A MANNER INCONSISTENT WITH THE LABELING.

Failure to follow the Directions for Use may result in the pesticide being found to be in violation of the Federal Insecticide, Fungicide, and Herbicide Act as amended, for the pesticide registered under EPA Reg. No. 10404-11.

**with COMMENTS**  
 In EPA Letter Dated  
 FEB 20 1996

Under the Federal Insecticide, Fungicide, and Herbicide Act as amended, for the pesticide registered under EPA Reg. No. 10404-11.

# LESCO Diazinon 500

## Ornamental Insect Control

To control certain insects on Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Ornamental Plum, Poplar, Rhododendron, Rose, Spruce, and Willow, apply the recommended rates indicated below. Try to spray underside of leaves and penetrate dense foliage.

Insects	Rate per 3 Gals. Water	Rate Per 100 Gals. Water
Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leafminers, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holy Bud Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leaf-tiers, Privet Mites, Scale Crawlers (Cottonycushion, Lecanium, Pine Needle, San Jose Soft), Thrips, Twospotted Mites, Webworms, Whiteflies	1/2 fl. oz.*	1 Pt.**
Apple and Thorn Skeletonizers, Cotoneaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Obliquebanded Leafrollers, Pear Slugs, Tent Caterpillars	1 1/2 fl. oz.*	3 pts.**

\*1 fl. oz. = 2 tablespoons

\*\*16 fl. oz. = 1 pint

Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia since injury to the plants may occur. Mimosa Webworms: Mix 1/2 fl. oz. in 3 gallons water (or 1 pint in 100 gals. water) and apply as a thorough foliar spray when adults first appear. Make a second application at 4-5 week intervals.

## Lawn Insect Control (Excluding Golf Courses and Sod Farms)

**Precautions:** Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Apply this product only as specified on this label. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates. Higher rates above those recommended significantly increase potential hazards to birds, especially waterfowl. Avoid overlapping sprays. If waterfowl (i.e. ducks or geese) can be expected to enter the treated area after treatment (except spot treatments), water lawn with at least 1/2 inch water immediately after application. However, stop watering before puddling occurs.

### WARRANTY

LESCO warrants that this insecticide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this insecticide is reasonably fit for its intended purposes. Use, timing, method of application, weather, plant and soil conditions, in conjunction with other chemicals, and other factors affecting the use of this product are beyond the control of LESCO. LESCO is not responsible for the use of this product contrary to label directions or other conditions of sale. This warranty is not intended to be a contract. The user assumes all risks of any such use.

Insects	Rate/1,000 sq. ft. LESCO Water Diazinon 500		Remarks
Lawn Chinch Bugs	2-3 fl. oz.	3 gals.	Use high rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Armyworms, Bermudagrass Mites, Clover Mites, Crickets, Cutworms, Diggers Wasps, Earwigs, Fire Flies, Lawn Billbugs, Sod Webworms (Lawn Moths), Sowbugs (Pillbugs), Springtails (Collembola)	2-3 fl. oz.	3 gals.	Spot spray ant hills and wasp ground next to openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment. For Fire flies, mow grass and water well before treatment but delay application until grass is dry. Do not water again until necessary.
White Grubs (such as Japanese Beetle Larvae, European Chafer, Southern Chafer)	3 fl. oz.	3 gals.	Apply any time between late July and Early October.
Brown Dog Ticks, Chiggers, Fleas	3 fl. oz.	3 gals.	Do not apply to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
Hyperodes Weevils	3 fl. oz.	3 gals.	Treat problem areas in mid-April and again in mid-May.
Millipedes	3 fl. oz.	3 gals.	
Rhodesgrass Scales	3 fl. oz.	3 gals.	Apply when crawlers first emerge.

## NUISANCE PESTS IN OUTSIDE AREAS:

Ants, Boxelder Bugs, Brown Dog Ticks, Chiggers, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Sowbugs (Pillbugs), Spiders, Springtails (Collembola)

Mix 3 fl. oz. in 3 gals. of water and thoroughly spray window and door screens, sills, foundations, porch and patio walls, entranceways, walks, garbage cans, tree trunks, and into cracks and other places where insects can hide. To prevent entry into houses, spray a five foot band of soil around the house next to the foundation and spray the foundation of the house to a height of 2-3 feet. Repeat application as necessary. Do not apply to animals. Do not treat plants (other than tree trunks) at this nuisance rate.

## GRASSLAND INSECTS:

Ditch Banks, Roadsides, Wasteland, Noncrop Areas, Barrier Strips

Grasshoppers: Spray 1/4 pt. per acre in water (minimum of 1 gal. of water per acre) for aerial applications or a minimum of 5 gals. of water per acre for ground applications or 1/2 gal. (a minimum of 1 gal. of oil per acre) when insects first appear, preferably in the nymphal stage. Thorough coverage of the foliage is essential.

Do not graze or use treated grass for forage or feed.

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