

SCIENCE DIAZINON® SPRAY

Controls Certain Lawn, Garden, Soil & Nursery Insects
. ANTS . SOD WEBWORMS . EARWIGS . WHITEFLIES . SPIDERS . TICKS .

ACTIVE INGREDIENTS: o,o-diethyl o-(2-isopropyl-4-methyl-6-pyrimidinyl)
phosphorothioate 12.5% Aromatic Petroleum Solvent 72.6% INERT
INGREDIENTS: 14.9% TOTAL: 100%

®Diazinon Reg. Trademark of Ciba-Geigy Corp. U.S. Patent No. 2,754,243.

EPA Reg. No. 2125-58

EPA Est. No. 72-PA-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

THIS PRODUCT CONTAINS AROMATIC PETROLEUM SOLVENT

IF SWALLOWED: Call a Physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. NOTE TO PHYSICIAN: If signs of cholinesterase inhibition are present, atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine. IF INHALED: Remove victim to fresh air. Apply respiration if indicated. IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Launder clothing before reusing. IF IN EYES: Wash eyes with plenty of water. Call a physician immediately.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

SCIENCE PRODUCTS DIVISION
Miller Chemical & Fertilizer Corporation
Hanover, Pennsylvania 17331/An Alco Standard Company

NET CONTENTS: 8 OUNCES
1 PINT
1 QUART
1 GALLON

2125-58

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS-CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Do not breath spray mist. Avoid contact with skin, eyes or clothing. Do not contaminate food or feed. Do not use on domestic animals. Keep pets and children off treated areas until spray has dried. ENVIRONMENTAL HAZARDS: This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Do not apply where runoff is likely to occur or when weather conditions favor drift from treated area. 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 the 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, pour or store near heat or open flame.

USE DIRECTIONS

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

STORAGE AND DISPOSAL (8 oz., 1 pt., 1 qt., 1 gal.)

Store this product in its closed, original container in a safe place away from children and domestic animals. Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container. For disposal, securely wrap original container in several layers of newspaper and discard in trash, or at an approved waste disposal facility.

GENERAL. Unless otherwise directed, mix 4 teaspoons this product in 1 gal. water and apply full amount evenly over a 40 sq. ft. area. For lawns, vegetables measure size of area to be sprayed (20' x 50' = 1,000 sq. ft.). Then mix proper amount of solution and spray as directed. Use coarse spray for lawns, fine mist spray for plants, trees, shrubs. Application remains effective for an extended period of time. Flush sprayer with clean water after use. Repeat as needed.

LAWNS. Merion, Bluegrass, Fescue, Dichondra, St. Augustine, Bent, Bermuda, Lippia varieties. Controls chinch-bugs, sod webworms (lawn moths), Bermuda mites, ants, ticks, earwigs, billbugs, chiggers, clover mites, leafhoppers, cutworms, armyworms, digger wasps. Thoroughly wet grass a few hours before applying; for billbugs, water lawn after treatment. For millipedes, use 5 teaspoons per gallon for each 40 sq. ft. of lawn. Do not permit children or pets to go onto the sprayed grass until the spray has completely dried.

ORNAMENTALS. Annual and perennial flowers, roses, evergreens, trees, shrubs. Controls aphids, bagworms, leafhoppers, leaf miners, mites, red spiders, scale crawlers, tent caterpillars, thrips, webworms, whiteflies. Spray top and underside of leaves and branches to dripping point. On trees, shrubs try to penetrate dense foliage. Do not use on ferns, poinsettias, hibiscus, gardenias, orchids.

FRUITS. Apples, oranges, peaches, plums, grapes, strawberries. Controls aphids, mites, codling moth, leaf rollers, grape leaf folder, scale crawlers. Start spraying after blooming and repeat at 10 to 14 day intervals if needed. Apply as full cover spray. Do not spray fruit within 21 days of picking.

VEGETABLES. Beans, cabbage, cantaloupes, carrots, cucumbers, onions, peppers, tomatoes. Controls aphids, bean beetles, imported cabbage worms, diamond back moth larvae, leaf miners, leafhoppers. Apply 3 gals. per 1,000 sq. ft. Cover leaves and fruits with a fine mist. Do not spray within 14 days of picking (1 day for tomatoes).

NUISANCE PESTS. Outside areas only. Ants, boxelder bugs, chiggers, clover mites, earwigs, flies, roaches, spiders, ticks. Add 16 fl. oz. per 3 gallons water. Thoroughly spray window frames, doors, sills, screens, porch and patio walls and ceilings, foundations, walks, garbage cans, into cracks and other places where insects hide. Do not treat plants or animals with this dosage rate. Do not use indoors.

Mr. Henry Pratt
116 Clinton Place
Hackensack, NJ 07601

Dear Mr. Pratt:

Subject: Amendments - Change Solvent & Update Label
Science Diazinon Spray
EPA Registration No. 7125-58
Your Application Dated July 11, 1983

The proposed substitution of solvents to increase flash point is acceptable and the revised formula statement has been added to the registration file for this product.

The proposed label revision will be acceptable provided the following revisions are incorporated for the actual label printing. A stamped copy of the draft label is enclosed for your records.

1. The correct declaration for diazinon is Diazinon [0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl)phosphorothioate].
2. The correct declaration for solvent 100 is xylene Range Aromatic Solvent.
3. Please refer to the enclosed type size guide for assistance in selecting the correct print size for the front panel signal word, chill hazard warning, and the heading "Storage and Disposal."
4. Revise the "If swallowed" advice to read:

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

Note to Physician - Solvent presents aspiration hazard.
Gastric lavage is indicated if material was taken internally. If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

SYMBOL	NAME	ADDRESS	CITY	STATE	ZIP	DATE

EPA Form 1320-1 (4-81)

OFFICIAL FILE COPY

5. Delete "Do not apply where runoff is likely to occur" from the Environmental Hazards text.
6. Since the label calls for measurement with teaspoons, add the following to the Hazards to Humans & Domestic Animals text:
"Utensils such as teaspoons should not be used for food purposes after use in measuring pesticides."
7. In the "Lawns" section change "Ticks" to "Brown Dog Ticks" and add the additional precaution when treating for digger wasps to make the application at dusk when the wasps are not active. Also specify "Brown Dog Ticks" on the front panel (top) claims.
8. In the "General" paragraph either delete "remains effective for an extended period of time" or specify such as "remains effective _ weeks." For this type of product, a 2-week claim is normal, as indicated in your fruit directions to retreat in 10 to 14 days.
9. You appear to have taken a "worst case" approach to your pre-harvest intervals; strawberries require only 5 days, grapes and plums 10 days, and apples 14 days. Twenty one days is appropriate for oranges and peaches. Likewise in the vegetable section, canteloupes require only 3 days, peppers 5 days, beans, cabbage, and cucumber 7 days, and carrots and onions 10 days.
10. As noted in our letter of July 8, 1977, delete "or animals" from the Nuisance Pests sentence "Do not treat plants or animals with this dosage rate" since this implies that other dosage rates may be used on animals. Also add to this section "Do not use in the home."

Please submit five (5) copies of the revised finished labels within 75 days.

Sincerely yours,

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

RD:LAPOCCA:DCP-28697:WANG-0691C:HF:Raven:479-2013:9/29/83

*Per [unclear] letter from the registered
authorizing Mr. Henry Batt as liaison
with the company.*