



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

Adm

APR 23 1994

COPY FOR YOUR
INFORMATION

KAREN M. PITCHER
MILES, INC.
AGRICULTURAL DIVISION
8400 HAWTHORNE ROAD BOX 4913
KANSAS CITY, MO. 64120

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 7/14/93 in Response to PR Notice 93-7
EPA Reg. No. 3125-116
DI-SYSTON SYSTEMIC INSECTICIDE GRANULES

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements, the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

James Tompkins
James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

DI-SYSTON Systemic Insecticide

116-7907.YLD

Base Pre-Reg (7907)

U.S. LABEL(S)

Reason to Issue: To revise label to remove from scope of Worker Protection Standard., PR Notice 93-7.

Date of Draft: 07/10/93(Pre-Reg(P))

DI-SYSTON[®] SYSTEMIC INSECTICIDE GRANULES FOR ROSES, SHRUBS, FLOWERS

Protects plants, such as roses, chrysanthemums, azaleas, pyracantha, spirea, birch, and other flowers and shrubs from damage by aphids, spider mites, thrips, whiteflies, lace bugs, leafhoppers, and certain other pests in interior plantscapes, home gardens, home greenhouses or in ornamental gardens or parks.

ACTIVE INGREDIENT:

Disulfoton (O,O-Diethyl S-[2-(ethylthio)-ethyl] phosphorodithioate)	2%
INERT INGREDIENTS:	98%
	100%

EPA Reg. No. 3125-116

EPA Est. No. 3125-IA-1

Net Weight: ___ Pounds

STOP - READ THE LABEL BEFORE USE.

KEEP OUT OF REACH OF CHILDREN

WARNING

(See rear panel for Statements of Practical Treatment and Additional Precautionary Statements)

AVISO

PRECAUCION AL USUARIO: Si usted no puede leer o entender inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you).

MILES 

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 25 1994

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

3125-116

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed or inhaled. Rapidly absorbed through skin. Do not breathe dust. Do not get in eyes, on skin or clothing. Wear rubber gloves when applying this product.

Do not contaminate feed or food. Keep out of reach of children. Wash thoroughly after handling. Keep children and pets off treated areas until product is worked into the soil and the treated areas have dried completely.

STATEMENTS OF PRACTICAL TREATMENT

If swallowed, vomiting should be induced. Administer water freely and induce vomiting by giving one dose (1/2 oz or 15 ml) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Have patient lie down and keep quiet. Professional medical assistance should be secured immediately. **If inhaled,** remove victim to fresh air. Apply artificial respiration if indicated. **If on skin,**

remove contaminated clothing and wash affected areas with soap and water. **If in eyes,** flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN: Disulfoton is a cholinesterase inhibitor. Atropine sulfate is antidotal only if signs of cholinesterase inhibition are present. 2-PAM is also antidotal and may be administered in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water by disposing of equipment washwaters. Cover or incorporate spills.

This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

DIRECTIONS FOR USE

NOTE: Not for use in commercial greenhouses and nurseries or on ornamental crops grown for seed.

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

IMPORTANT: Read these entire Directions and Conditions of Sale before using DI-SYSTON Insecticide Granules.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MILES OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

HOW INSECTS ARE KILLED: DI-SYSTON Systemic Insecticide enters a plant through its roots (systemic action) to the soil around the base of the plant. Mix the granules into the top soil, then water. The chemical, released from the granules, will leach into the root zone and be absorbed into the plant. The granules can also be scattered over planting beds and mixed into the top soil before sowing seed or setting bulbs or transplants. Additional applications of DI-SYSTON Systemic Insecticide Granules can be made as needed to maintain insect control after the plants start to grow.

NOTE: THE CAP OF THIS CONTAINER, LEVEL FULL, HOLDS APPROXIMATELY ONE ROUNDED TEASPOONFUL OF DI-SYSTON GRANULES. *(Printer see below).

RECOMMENDED APPLICATIONS		
FOR FLOWERS	TO CONTROL	AMOUNT TO USE
Ageratum Calendula Carnation Chrysanthemum Delphinium Petunia & Other Flowers	Aphids (plant lice) Lace bug Leafhoppers Spider mites Thrips Whiteflies	BEFORE PLANTING: Apply 16 oz evenly over 200 sq ft (10 x 20 ft) of bed area and work into the top 2 to 3 inches of soil. Sow seed or set plants and water thoroughly. GROWING PLANTS: For individual plants, apply one rounded teaspoonful around base of the plant, work into soil and water thoroughly. For flowers in a row, apply one rounded teaspoonful per foot of row in a narrow band near base of plants. Work into top soil and water thoroughly. Repeat application at 4- to 6-week intervals if insects reappear.
FOR SHRUBS	TO CONTROL	AMOUNT TO USE
Azalea Birch Camellia Euonymus Moraine locust Pine Rhododendron Roses Yew & Other Shrubs	Aphids (plant lice) Birch leafminer <i>Camellia scale</i> Holly leafminer Lace bug	POTTED PLANTS: Apply one rounded teaspoonful per 6-inch pot. Mix thoroughly in top soil and drench with water. AMOUNT TO USE: Apply 2 to 4 rounded tablespoonfuls per foot of shrub height. Use the lower rate for shrubs up to 3 feet and the higher rate for shrubs from 3 to 6 feet in height (for shrubs over 6 feet in height, use METASYSTOX-R 2 Ornamental Insecticide according to label directions). Distribute the required amount evenly from the base of shrub to the drip line on all sides of the plant. Work into the top 1 to 2 inches of soil and water thoroughly. Repeat application at 4- to 6-week intervals if required.
* Recommendation for use of the cap for measuring purposes will not be included on the printed label unless a handle is provided on the cap.		

RESTRICTIONS

Use this product only in accordance with label directions.

Do not apply broadcast applications to lawns. Food utensils such as teaspoon or measuring cup should not be used for food purposes after use with insecticide.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Do not reuse empty container. Securely wrap original container in several newspapers and put in trash collection.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800 424-9300.

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