

Do not get in eyes, on skin or clothing.
Wear rubber gloves when applying this
product.

5. You are reminded that this product must be in child-resistant packaging.
6. For the data matrix, please provide the following information:
 - Certification of Limits--upper and lower limits of each active and individually added inert component, together with a brief discussion of how these limits were established - by analysis or by calculation. Active ingredients are normally determined by analysis, and inerts by calculation from weighings during the formulation process. Please note the lower limit for the active ingredient must not fall below the label claim.

Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

BLD32

Base Reg. (5245)

U.S. LABEL-(S)

Reason to Issue: To update in accordance with reregistration guidance document.

Date of Draft: 7/16/85 (S)
Supersedes Draft Dated: 4/3/67

EPA Reg. No. 3125-126

® DI-SYSTON

SYSTEMIC INSECTICIDE

FOR VEGETABLES

Protects vegetable plants such as beans, cabbage, lettuce, peas, potatoes, and tomatoes from damage by aphids, mites, leaf miners, leafhoppers, flea beetles, and certain other pests.

ACTIVE INGREDIENT.

~~XXXXXXXXXX~~ O,O-Diethyl S-[2-(ethylthio)ethyl]
phosphorodithioate 2%

ACCEPTED
with COMMENTS
in EPA Letter Dated:

INERT INGREDIENTS: 98%
100%

MAR-1 1989

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
3125-126

EPA Reg. No. 3125-126
EPA Est. 3125-IA-1

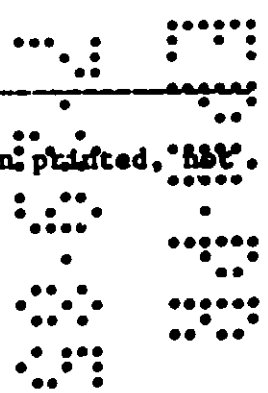
WARNING

KEEP OUT OF REACH OF CHILDREN

(See Side Panel for Statements of Practical Treatment and Other Precautionary Statements)

MOBAY CHEMICAL CORPORATION
AGRICULTURAL CHEMICALS DIVISION
P. O. Box 4913, Kansas City, MO 64120

Note: Underlined letters in chemical nomenclature should be italicized when printed, ~~not~~ underlined.



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DI-SYSTON Systemic Insecticide

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.)

DIRECTIONS FOR USE

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 Systemic Insecticide.

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. MOBAY 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 MOBAY AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

HOW INSECTS ARE KILLED:

DI-SYSTON Systemic Insecticide enters a plant through its roots (systemic action) and is then moved to all parts of the plant through natural growth and sap flow. Working from inside the plant, it kills sucking insects that feed on the plant.

HOW TO USE:

Apply the ready-to-use granules uniformly (see Recommended Applications) to the soil near the seed or around the base of the plants at planting time only. Mix the granules into the top soil or below or to one side of the seed furrow, then water. The chemical, released from the granules, will leach into the root zone and be absorbed into the plant or be taken up by the roots as the seed develops into a plant.

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DI-SYSTON Systemic Insecticide

RECOMMENDED APPLICATIONS

<u>VEGETABLE</u>	<u>INSECT</u>	<u>AMOUNT TO USE</u>
Beans Lettuce	Aphids Leafhoppers Mexican bean beetle (larvae) Mites Thrips	Apply 3 ounces per 50 feet of row either below or to one side of the seed at planting time only. Do not allow seed to come into direct contact with the granules.
Broccoli Brussels sprouts Cabbage Cauliflower	Aphids Leafhoppers Mites Thrips Flea beetles	<u>In the Seed Furrow:</u> Apply 2 ounces per 50 feet of row either below or to one side of the seed. Do not allow seed to come into direct contact with the granules. <u>In the Transplant Hole:</u> Apply 1 level teaspoonful per plant in the transplant hole. Mix granules with soil in hole prior to setting plant.
Peas Spinach	Aphids Leafhoppers Leaf miners Mites Thrips	Apply 2 ounces per 50 feet of row either below or to one side of the seed at planting time only. Do not allow seed to come into direct contact with the granules.
Potatoes	Aphids Flea beetles Leafhoppers Potato psyllid	Apply 6 ounces per 50 feet of row with seed pieces at planting time only. Do not mix this product with Phosalone.
Tomatoes	Aphids Flea beetles Leafhoppers Leaf Miners Mites	<u>In the Seed Furrow:</u> Apply 6 ounces per 50 feet of row either below or to one side of the seed. Do not allow seed to come into direct contact with the granules. <u>In the Transplant Hole:</u> Apply 2 level teaspoonfuls per plant in the transplant hole. Mix granules with the soil in hole prior to setting plant.

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 insecticides.

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DI-SYSTON Systemic Insecticide

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Poisoning may occur as a result of exposure. May be fatal if swallowed. May be absorbed through skin. Do not breathe dust. Do not get in eyes, on skin or on clothing.

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, O,O-Diethyl S-[2-(ethylthio)ethyl] phosphorodithioate 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. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.

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.

DI-SYSTON Systemic Insecticide

STORAGE AND DISPOSAL (Cont'd)

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 Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

DI-SYSTON is a Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

