

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

OCT 31 1989

300-1254260  
178

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Handwritten: 300-1254260

Dear Mr. Thornton:

Subject: Amendment - Change in Location of Statement of  
Practical Treatment  
DI-SYSTON 68% Concentrate  
EPA Registration No. 3125-158 ✓  
DI-SYSTON Seed Treatment Insecticide  
EPA Registration No. 3125-173  
Your Applications Dated May 12, 1989

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

For 3125-158 you have spinach on your label. In your November 15, 1985 letter responding to residue chemistry data required to support registration of disyston on certain crops you indicated Mobay's decision not to support use of disyston on spinach. Thus delete this use from the directions for use.

57388: I: CR-44: Richards: LR-12: KENCO: 10/26/89: 12/06/89: CL: SW: VO: AS

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							



-2-

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

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

Sincerely yours,

George T. LaRocca  
Product Manager (15)  
Registration Manager (15)

Enclosure

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158-6687.BLD

Base Reg. (6687)

U.S. LABEL

Reason to Issue: To revise in accordance with EPA comments, including modification of Statement of Practical Treatment; to show DI-SYSTON is a Reg. TM.

Date of Draft: 5/1/89 (S)  
Supersedes Draft Dated: 6/30/87

EPA Reg. No. 3125-158

DI-SYSTON® 68% CONCENTRATE

Insecticide

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 31 1989

FOR FORMULATING GARDEN PRODUCTS

AN INSECTICIDE FOR FORMULATING USE

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

3125-158

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ACTIVE INGREDIENT:

Disulfoton, O,O-Diethyl S-[2-(ethylthio)ethyl]  
phosphorodithioate

68%

INERT INGREDIENTS:

32%  
100%

EPA Reg. No. 3125-158

EPA Reg. No. 3125-158

KEEP OUT OF THE REACH OF CHILDREN

DANGER POISON

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

NET CONTENTS 5 POUNDS

MOBAY CORPORATION  
A Bayer USA INC. COMPANY  
AGRICULTURAL CHEMICALS DIVISION  
Box 4913, Kansas City, Mo. 64120



## DI-SYSTON 68% Concentrate insecticide

### PELIGRO

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.)

### DRUM HANDLING

1. Handle drums carefully so as to avoid damage and prevent leakage.
2. Store drums in a cool, well-ventilated place.
3. Open drums only when set on end and under a ventilated hood. Unscrew bungs slowly to release any internal pressure. Then fit both bungs with valves.
4. To empty drums, connect one valve to an open vent pipe and the other to a closed storage or impregnation system.
5. Drums that have contained DI-SYSTON 68% Concentrate should never be re-used. Refer to STORAGE AND DISPOSAL STATEMENTS on this label.

### DIRECTIONS FOR USE

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

DI-SYSTON 68% Concentrate insecticide is intended for formulation into end use products for:

#### Terrestrial, food uses on:

Beans, Brussels sprouts, cauliflower, broccoli, cabbage, lettuce, peas, potatoes, spinach, tomatoes.

#### Domestic outdoor use on:

Potted plants, ornamentals (herbaceous plants, flowers, woody shrubs, trees)

#### Domestic indoor use on:

Potted plants, ornamentals (specified above)

#### Greenhouse non-food use on:

Ornamentals (specified above)

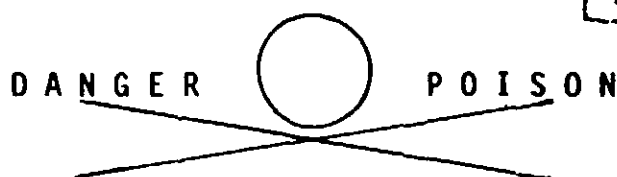
Information pertinent to the manufacturing use of this product may be obtained from your Mobay Sales Representative. Labeling for products made from DI-SYSTON 68% Concentrate must conform to the registered labeling for either DI-SYSTON 2% Granular, EPA Reg. No. 3125-83, DI-SYSTON Systemic Insecticide Granules, EPA Reg. No. 3125-116, or SYSTEMIC 2 in 1 Rose Care, EPA Reg. No. 3125-152. Any variance from the labeling for these products may have to be supported by data submitted by the formulator.



DI-SYSTON 68% Concentrate insecticide

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS



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POISONOUS BY SKIN CONTACT OR IF INHALED OR SWALLOWED. RAPIDLY ABSORBED THROUGH THE SKIN. REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS.

Do not breathe fumes. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

Do not get in eyes or on skin. Wear clean, heavy, natural rubber gloves and clean, waterproof, protective clothing (coveralls, rubber boots, cap etc.) Destroy and replace gloves frequently. Bathe immediately after work and change all clothing.

**HANDLING OF CONTAMINATED ARTICLES:** Clothing and rags receiving undiluted DI-SYSTON 68% Concentrate as a result of leaks, spills, or mishaps should be removed immediately and not reused. These contaminated articles should be disposed of in the same manner as the empty container; see Container Disposal section for directions. (Contaminated articles which should be discarded would include: hats, gloves, aprons, coats, boots, etc. not made of rubber or coated with rubber or other similar materials). Protective clothing and equipment should be washed down with detergent or soap and bleach in water. Wash water from the cleaning of protective clothing or equipment should not be allowed to run off or otherwise enter water supplies.

In case of contact, immediately remove contaminated clothing and wash thoroughly with soap and warm water.

In case of spillage, cover with an absorbent such as soda ash, clay, or sawdust. Sweep up and bury. Wash area thoroughly with strong lye solution.

Wash hands, face, and arms thoroughly with soap and warm water before eating or smoking. Keep all unprotected persons out of the operating area or vicinity. Do not contaminate feed or foodstuffs.

**SYMPTOMS OF POISONING:** A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

STATEMENTS OF PRACTICAL TREATMENT

In case of poisoning call a physician immediately. Have patient lie down and keep quiet. 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. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Professional medical assistance should be secured immediately. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. Get medical attention immediately. If in eyes, wash with flowing water. Get medical attention immediately. In inhaled, remove victim to fresh air. Apply artificial respiration if necessary. Get medical attention immediately.



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STATEMENTS OF PRACTICAL TREATMENT (Cont'd)

TO PHYSICIAN:

**ANTIDOTE** - Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this active ingredient into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

**Pesticide Disposal:** Do not contaminate water, food or feed by storage or disposal.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, or rinsate, is a violation of Federal Law. If these wastes 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:** Drums that have contained DI-SYSTON should NEVER be reused. Empty drums should be decontaminated by washing with hot, 5% caustic soda solution. They should then be perforated to prevent further use and disposed of in a sanitary landfill, or by other procedures approved by state and local authorities.

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 container is leaking invert to prevent leakage. If the container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. Wash area with strong lye solution. 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 Bayer AG, Germany.