

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Call a physician or Poison Control Center. IF INHALED: Remove to fresh air. IF ON SKIN: Wash promptly with soap and water. IF IN EYES: Flush eyes with plenty of water. Call a physician immediately. NOTE TO PHYSICIAN: product contains petroleum distillate and cholinesterase inhibitors - atropine is antidotal and should be administered only after symptoms appear.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE. CONTENTS UNDER PRESSURE. Keep away from heat, sparks, open flame or pilot lights. Do not puncture or incinerate container. Exposure to temperatures above 130° may cause bursting.

STORAGE AND DISPOSAL

STORAGE: Store away from heat or open flames, in an area inaccessible to children.

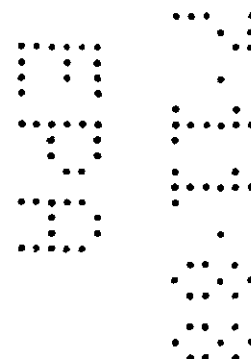
DISPOSAL: Replace cap, securely wrap in newspaper and discard in trash. Do not puncture or incinerate.

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

For additional information, call toll-free 800-558-5252. Weekdays 9-5 Eastern time, or write Carol Hansen.

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EPA Reg. No. 4822-84
EPA Est. No. 4822-WI-1



Ms. Carolyn Bussey
Ciba-Geigy Corporation
P.O. Box 19300
Greensboro, NC 27419

NOV 17 1988

Subject: Amendments - Update manufacturing-use labels
in response to Diazinon Comprehensive Data Call-In
issued May 1, 1987, to reflect supported use patterns
Stabilized Diazinon MG-8 Insecticide
EPA Reg. No. 100-524
Stabilized Diazinon Concentrate No. 1
EPA Reg. No. 100-577
Your submission dated November 14, 1988

Dear Ms. Bussey:

The amendments referred to above, submitted in connection with registrations under the Federal Insecticide, Fungicide, and Rodenticide Act, are acceptable provided the following revisions are made to each of the subject product labels prior to release for shipment:

- 1) Revise the percent active ingredient for each product back to that already accepted by the Agency, i.e. 87% and 90%, since to date the proposed increased declarations have not been accepted by the Agency.
- 2) The active ingredient should be declared as follows:

Diazinon [O,O-Diethyl C-(2-isopropyl-6-methyl-4-pyrimidinyl)
phosphorothioate]
- 3) In the "If Swallowed" advice, revise "fingers" to "finger". You may wish to use the term "vomit fluid" rather than "vomitus" in this same section. Also, revise the last sentence of this section on both labels to read: "Do not induce vomiting or give anything by mouth if person is unconscious or convulsing."
- 4) In the Note to Physician text, revise "... atropine sulfate is antidotal" to read "... atropine sulfate by injection is antidotal". Also, revise "2-PAM is also antidotal and may be administered in conjunction with atropine." to read "2-PAM is also antidotal and

- 4) Revise the Environmental Hazards text to appear as follows:

This pesticide is highly toxic to fish and wildlife. Do not discharge effluent containing this product 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 Environmental Protection Agency.

- 5) In the listing of acceptable end-use patterns, terrestrial food crops paragraph, make the following revisions:

- a) Delete "Pinto beans", since you have indicated that you are supporting only succulent bean (and pea) varieties.
- b) Specify "(including aerial application)" after each of the following crops: apples, apricots, cherries, corn, lettuce, nectarines, peaches, plums, prunes, tomatoes, and walnuts. It is noted that the crop "almonds" is not included on the submitted labels, although you have indicated earlier that you would support this use. If you intend to support this use it may be added, with the same parenthetical addition as indicated for the crops listed above, during revision.
- c) Add "(including greenhouse)" after each of the following crops: cabbage, cantaloupe, cauliflower, cucumber, summer squash, and watermelons. It is noted that the food crops eggplants and zucchini, which appear in the Agency's Index listing of registered greenhouse food crop uses, do not appear on the submitted labels. Is this omission intentional, or is it an oversight? If you are supporting these uses, then they may be added during the revision process and should carry the same parenthetical addition as the other crops listed above.

- 6) In the listing of acceptable end-use patterns, ornamentals and lawns paragraph, add "(including greenhouse)" after "ornamentals".
- 7) In the listing of acceptable end-use patterns, "inside and outside" paragraph, revise "food handling establishments" to read "food/feed handling establishments". Also, add "(excluding dairy barns, milk rooms, and poultry houses)" after "animal quarters".
- 8) In the listing of acceptable end use patterns, "and on the following animals" paragraph, replace "livestock" with "cattle (non-lactating), sheep"

It is noted that neither of the subject product labels refer to the (presumably) available Product Information Sheet (or Technical Bulletin) and/or the Product Safety Sheet. The manufacturing-use product purchaser should be made aware of such supplemental information, if available, by a label reference to it, including instructions on where to obtain these documents, if they are not routinely provided with the labeled product. If these supplemental documents do indeed exist, then please submit five (5) copies of each for the Agency's review and inclusion in the subject products' files.

Stamped copies of the labels are enclosed for your records. Please submit five (5) copies of the revised amended labels, including any associated supplemental document(s), prior to release for shipment. Since Ciba-Geigy is the main data generator under the May 1, 1987 Comprehensive Data Call-In, and your revised amended labels will serve as the model for other diazinon registrants (i.e. all supported use patterns are identified), it would be helpful to have either revised typed or finished amended labels as soon as possible. Thank you for your cooperation in this matter.

Sincerely yours,

George T. Labocca
Product Manager (15)
Insecticide-Fungicide Branch
Registration Division (TS-767)

CIBA-GEIGY

Stabilized Diazinon Concentrate No. 1

An Insecticide for Formulating Use Only

Active Ingredient:

Diazinon: O,O-diethyl O-(2-isopropyl-
o-methyl-4-pyrimidin-yl) 92.5%

Inert Ingredients: 7.5%

Total: 100.00%

EPA Reg. No. 100-577

_____ Gallons
U.S. Standard Measure

KEEP OUT OF REACH OF CHILDREN

WARNING

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

May be fatal if swallowed. May be absorbed through the skin. Do not breathe vapors or spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling and before smoking or eating. Avoid contamination of food and feed.

Statement of Practical Treatment

If swallowed: Call a physician or Poison Control Center immediately. Drink a large quantity of water and induce vomiting by touching back of throat with fingers. Continue until vomitus is clear. Never give anything by mouth to an unconscious or convulsing person.

If on skin: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Contact a physician or Poison Control Center if symptoms of poisoning develop.

If in eyes: Immediately flush eyes with plenty of water, and get medical attention.

If inhaled: Move to fresh air. If not breathing, apply artificial respiration, and get medical attention immediately. Do not apply mouth-to-mouth resuscitation if exposure was by swallowing.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

NOV 17 1966

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

100-577

Note to Physician: Diazinon is a cholinesterase inhibitor. If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Environmental Hazards:

This product is toxic to fish, birds, and other wildlife. Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance, contact your Regional Office of the U.S. Environmental Protection Agency.

9500

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and Conditions of Sale and Warranty before using this product.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. CIBA-GEIGY and the Seller offer this product and the buyer and user accept it subject to the foregoing conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

No end use of this product other than formulation is intended or implied by the above Conditions of Sale and Warranty.

CIBA-GEIGY

DIRECTIONS FOR USE

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

This pesticide may be used only for the formulation of an insecticide.

Formulators using this product are responsible for obtaining EPA registration of their formulated products.

This Technical product may be formulated into end use products for use on the following terrestrial food crops: apples, apricots, banana, beans (succulent only), beet, blackberries, boysenberries, broccoli, Brussels sprouts, cabbage, cantaloupe, carrots, Casaba melons, cauliflower, celery, cherries, cole crops, collards, red chicory (radicchio), corn (including feed treatment), cranberries, Crenshaw melons, cucumber, dewberries, endive (escarole), ginseng, grapes, guar, honeydew melons, hops, kale, kidney beans, kiwifruits, lettuce, Lima beans, loganberries, melon, muskmelons, mustard greens, nectarines, onions, parsley, parsnips, peaches, pears, peas (succulent only), peppers, Persian melons, pineapples, Pinto beans, plums, potatoes, prunes, radishes, raspberries, rutabagas, snap beans, soybeans, spinach, squash, strawberries, sugar beets, sweet potatoes, Swiss chard, tomatoes, turnips (including tops), walnuts, watermelons, and white beans.

in terrestrial non-crop areas including:

Uncultivated non-agricultural areas (including barrier strips, ditch banks, noncrop areas, roadsides and wastelands),

on:

ornamentals and lawns (excluding golf courses and sod farms),

inside and outside:

domestic dwellings, commercial buildings, food handling establishments, and animal quarters,

and on the following animals:

livestock, cats, and dogs.

Storage and Disposal

Do not use, pour, spill or store near heat or open flame. Do not contaminate water, food, or feed by storage or disposal. Cleaning of equipment. Open dumping is prohibited.

Pesticide: Pesticide wastes are toxic. Improper disposal is a violation of federal law. If pesticide or equipment cannot be used according to formulation instructions or chemically reprocessed, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.