



DIAZINON SPRAY

ACTIVE INGREDIENTS:

Petroleum Distillate	97.412%
Aromatic Petroleum Derivative Solvent	1.925%
O,O-Diethyl O-(2-isopropyl-4-methyl-6- pyrimidinyl) phosphorothioate* ...	0.500%
Technical Piperonyl Butoxide**	0.063%
Pyrethrins	0.025%
Inert Ingredients:.....	0.075%

*Diazinon

**Equivalent to 0.05% of (butylcarbityl)
(6-propylpiperonyl) ether and 0.013%
of related compounds.

FLASH POINT 180°

CAUTION

KEEP OUT OF THE REACH OF CHILDREN

See additional cautions on side panels.

NET CONTENTS _____ GALLONS

EPA Reg. No. 3624-80 — EPA Est. No. 3624-MO-1

NOVA PRODUCTS, INC.

Kansas City, Kansas 66119

DIRECTIONS

APPLICATION (General): Apply with a low pressure sprayer which gives a coarse wet spray and very little mist. DO NOT USE AS A SPACE SPRAY FOR FLYING INSECTS AROUND FOOD INDUSTRIES AND HOMES. USE ONLY FOR SPOT APPLICATION FOR CONTROL OF CRAWLING INSECTS. Do not use in edible products areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

ROACHES: Apply thoroughly to infested cracks and other hiding or resting places. Spray a limited amount of exposed surface where roaches will crawl over it when they come out of hiding. Repeat applications as needed.

SILVERFISH: Apply as for roaches but in addition treat baseboards, areas behind shelves, bookcases and storage areas.

BROWN DOG TICKS IN PREMISES: Spray around baseboards, window and door frames, wall cracks and sleeping quarters of household pets. The frequency of application should depend on the source and the intensity of infestation. Fresh bedding should be placed in animal quarters following the spraying. DO NOT APPLY DIRECTLY OR INDIRECTLY TO ANIMALS. To control the source of your flea infestation treat your pets with a product registered for animal application.

CARPET BEETLES IN PREMISES: Spray localized areas of the floor and baseboards. Use oil can to squirt diluted material into cracks and behind baseboards. Small areas under carpets may be sprayed BUT DO NOT APPLY TO LARGE AREAS OF THE CARPET. Spot application to floors, baseboards and shelves may be made and applications should be repeated as needed.

ANTS: Spray trails and areas around door sills and window frames where the pests may enter the premises. Spray openings around water pipes, heat ducts, electrical outlets and baseboards. Repeat applications as often as needed.

FLYING INSECTS: (Flies, gnats, mosquitoes): Residual treatment of outdoors (selected outside portions of dwellings, as around windows, doors and screens, walls and ceilings or porches and out-buildings other than dairy barns) will help control these insects.

ACCEPTED
with COMMENTS
to EPA Label Draft
MAY 1982

3624-80



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

300/93494
17/2

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Nova Products, Inc.
800 Hickory
Kansas City, MO 64101

Attn: Ms. Marie Highley

Dear Ms. Highley:

Subject: Update Labeling
Nova Diazinon Spray
EPA Reg. No: 3624-80
Appl. Date: February 10, 1983

The labeling referred to above, submitted in connection with amended registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable, subject to the following comments, and a stamped copy is enclosed for your records.

Prior to printing the subject labeling and releasing the product into channels of commerce, make the following revisions:

1. Since there do not appear to be directions about use of a self contained sprayer that accompanies the product, it must be assumed that this is a professional use product. Therefore, you must add a user group statement to the top of the front panel such as "ONLY FOR SALE TO, USE AND STORAGE BY SERVICEPERSONS" (You may substitute other categories such as Janitorial Personnel, Pest Control Operators, etc.) Note: this phrase must be of the same minimum type size as "KEEP OUT OF REACH OF CHILDREN".
2. "Diazinon" is now the common accepted name for the residual in this product; insert "Diazinon" immediately preceding the chemical name.
3. Correct the chemical name for "Diazinon"; the positions of the "6" and the "4" must be switched.
4. The "KEEP OUT OF REACH OF CHILDREN" should be moved to a position immediately preceding (appearing above) the front panel signal word "CAUTION".
5. Under "HAZARDS TO HUMANS..." revise the following:

"Wash hands after using and before eating or smoking."

(Underscore indicates added text and should not be reproduced on the labeling.)
6. Immediately preceding "Do not spray into or near fire or open flame...." insert the heading: "PHYSICAL OR CHEMICAL HAZARDS".

7. At the top of the right panel change "DIRECTIONS" to "DIRECTIONS FOR USE (Continued)".
8. On the second line of text change "corase" to "coarse".
9. Delete "AROUND FOOD INDUSTRIES AND HOMES" from "DO NOT USE AS A SPACE SPRAY....HOMES"; this sentence as it was written conveys the idea that the product may be used as a space spray in other situations. This product should not be used as a space spray in any circumstance.
10. The Flash Point should ideally be placed under "PHYSICAL OR CHEMICAL HAZARDS" rather than the front panel.

Sincerely yours,

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

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

SPOT TREATMENT ONLY

Di-Tox E insecticide mixes readily with water or oil. Dilute the required amount of Di-Tox E in water or in a base oil such as deodorized kerosene or No. 2 fuel oil. Mix according to the following table to obtain the desired concentration of 0.25% and 0.25% DDVP Vapona or 0.5% and 0.5% DDVP Vapona insecticides. Use the higher concentrations of DDVP Vapona and to quickly reduce heavy cockroach infestations and the lower concentration of DDVP Vapona and on light infestations.

WATER EMULSION			
(A) Conc. Desired	Amount Required For		Mixing Ratio
	1 Gal	6 Gals	
0.25% ↓ 2			
0.25% DDVP Vapona	2 2/3 Oz	1 Pt	1:47
0.5% ↓ 3			
0.5% DDVP Vapona	5 1/3 Oz	1 Qt	1:23
OIL SOLUTION			
(A) Conc. desired	Amount Required For		Mixing Ratio
	1 Gal	6 Gals	
0.25% ↓ 2			
0.25% DDVP Vapona	1 1/5 Oz	13 1/5 Oz	1:58
0.5% ↓ 3			
0.5% DDVP Vapona	4 1/3 Oz	1 Pt 10 Oz	1:28.5

FOOD HANDLING ESTABLISHMENTS: Places other than private residences in which exposed food is held, processed, prepared or served.

FOOD AREAS APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY: Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing) preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation also would be considered a food area).

Apply a small amount of material in a .25% or .5% solution directly into crack and crevices using equipment capable of delivering a pin stream of insecticide in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases, conduits, motor housings, junctions or switch boxes where cockroaches, ants, crickets, firebrats and silverfish hide. Prior to application de-energize electrical equipment. After application, allow time for oil to evaporate before starting motors or placing switches in the "ON" position. Use as oil base solution only around electrical equipment. Do not use water emulsion in conduits, motor housing and electrical switch boxes. Aids in the control of pantry pests (exposed stages of sawtooth grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle and Indian Meal Moth) which come into contact with treated surfaces. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food processing surfaces.

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED. Directions continued on other side panel.

CHLORPYRIFOS

CHLORPYRIFOS

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 6 1983

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, this product is registered under EPA Reg. No. 5602-97

Hub States Corporation

EVERY PRODUCT "Always A Winner"
2020 North Illinois St., Indianapolis, IN 46202

DI-TOX E

CONTROLS PEST OF HOUSEHOLDS (COCKROACHES, ANTS, BROWN DOG TICKS, SILVERFISH, SPIDERS), CRICKETS, FLEAS, FIREBRATS, SAWTOOTH GRAIN BEETLE, FLOUR BEETLE, RICE WEEVIL, CIGARETTE BEETLE, DRUGSTORE BEETLE, INDIAN MEAL MOTH.

To Be Applied Only By or Under the Supervision of Pest Control Operators, Public Health Organizations, and Other Trained Personnel Responsible for Insect Control Programs.

ACTIVE INGREDIENTS

O,O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate..... 12.31 %
2,2-Dichlorovinyl dimethyl phosphate..... 11.45 %
Related compounds..... 0.86 %
Xylene..... 70.38 %

INERT INGREDIENTS..... 5.00 %
Total 100.00 %

DANGER KEEP OUT OF REACH OF CHILDREN
POISON

STATEMENT OF PRACTICAL TREATMENT

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 the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED - Remove victim to fresh air. Apply respiration if indicated.
IF ON SKIN - Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES - Flush eyes for at least 15 minutes with water. Call a physician immediately.

NOTE TO PHYSICIAN: DI-TOX E is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote. 2-PAM is also antidotal and may be administered in conjunction with Atropine.

(See side panels for additional precautions.)

MFG. BY: HUB STATES CORP.
INDIANAPOLIS, IN.

EPA EST. NO. 5602-IN-01 EPA REG. NO. 5602-97 NET CONTENTS: GALLONS