

JUN 8 1990

Mr. William M. Dickson  
NCH Corporation  
Administrative Group  
2727 Chemsearch Blvd.  
Irving, TX 75062

390/260910  
17/9

Dear Mr. Dickson:

Subject: Amendment - Deletion of Nonylphenol Inert  
Di-Sect Residual Spray  
PA Registration No. 1769-184  
Layos Oil Soluble Spray  
EPA Registration No. 1769-216  
Your Letter Dated September 22, 1989

Your Confidential Statement of Formulas (CSFs) dated September 20, 1989 for the deletion of Nonylphenol are acceptable for the subject products. A copy of each have been inserted into record files of the subject products. Please provide a CSF for each product which include the related compounds from Dichlorvos, including the certified limits. The correct registration number for Dichlorvos supplied by Amvac Chemical Corp. is EPA Registration No. 5481-96.

Since the solvent system has been substantially changed, new product chemistry data and data matrix on the reformulated product will be required for both products. Upon submitting label revision, the solvents should be removed from the active ingredient statement and incorporated into the total of inert ingredients. Also a footnote should be added in close proximity to the ingredient statement indicating **Contains aromatic petroleum distillates**. Note this was brought to your attention in our last letter dated November 18, 1987. To date we have not received upgraded labeling.

Sincerely yours,

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

**LEFT PANEL**

NATIONAL CHEMSEARCH

**DI-SECT**

Residual Spray  
Lasts for Weeks

**ACTIVE INGREDIENTS:**

Deodorized Kerosene.....	30.00%
Aromatic Petroleum Solvents.....	50.00%
2-(1-methylethoxy)phenyl methylcarbamate*.....	4.00%
2,2-dichlorovinyl dimethyl phosphate.....	0.93%
Related Compounds.....	0.07%
<b>INERT INGREDIENTS:.....</b>	<b>15.00%</b>
<b>TOTAL.....</b>	<b>100.00%</b>

\*U.S. Pat. No. 3,111,539 Sold under license from Chemagro Corp.

This product contains the toxic inert ingredient nonylphenol.

**KEEP OUT OF REACH OF CHILDREN**

**WARNING:**

(See side panel for additional precautions.)

EPA Reg. No. 1769-184

NET CONTENTS:

National Chemsearch  
Div. of NCH Corporation  
2727 Chemsearch Blvd.  
Irving, Texas 75062

ACCEPTED  
with COMMENTS  
in EPA Reg. No. 1769-184

NOV 18 1987

Use of this product is limited to the uses and conditions as specified on the label. This product is registered under EPA Reg. No. 1769-184

**CENTER PANEL**

**KILLS:**

Ants	Brown Dog Ticks	Clover Mites
Crickets	Earwigs	Fleas (outdoors)
Flies (outdoors)	Millipedes	Mosquitoes (outdoors)
Sowbugs	Spiders	Silverfish
Roaches		

DI-SECT is a highly effective formulation for use in and about industrial plants, municipal buildings, hospitals, schools and food processing plants. Provides rapid kill of the insects listed above including those resistant to certain chlorinated hydrocarbon and phosphate insecticides. This product stays on a treated surface and kills insects many weeks after the spray deposit has dried.

**PRECAUTIONARY STATEMENTS**

**HAZARD TO HUMANS AND DOMESTIC ANIMALS**

**WARNING:**

May be fatal if swallowed, inhaled, or absorbed through the skin. Do not breathe spray mist and provide adequate ventilation of areas being sprayed. Do not get in eyes, on skin or on clothing. Causes eye and skin irritation. Wash thoroughly after handling and before eating or smoking. Avoid contamination of food, utensils, and food preparation areas.

**ENVIRONMENTAL HAZARDS:**

This product is toxic to fish and wildlife. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of waste. Do not apply when weather conditions favor drift from areas treated. Apply this pesticide only as specified on the label.

**PHYSICAL OR CHEMICAL HAZARD**

Do not use or store near heat or open flame.

**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 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 immediately.

**NOTE TO PHYSICIAN:** Solvent presents aspiration hazard. Gastric lavage is indicated if material was taken internally. If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

**RIGHT PANEL**

**STORAGE AND DISPOSAL**

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

**STORAGE: KEEP CONTAINER CLOSED.**

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, 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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**NOT FOR RESALE**

**NOT FOR RESIDENTIAL USE AND STORAGE UNLESS APPLIED AND STORED BY SERVICE PERSONS.**

**DIRECTIONS FOR USE:**

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

**INDOOR APPLICATION:** For Ants, Cockroaches, Crickets, Silverfish, Waterbugs: Mix 1 part of DI-SECT to 3 parts of water. Spray this mixture into cracks, crevices, around baseboards, and other places where these insects hide. Apply behind and beneath cabinets, refrigerators, sinks, stoves and in and around waste containers. For ants, spray trails and places where ants enter premises.

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

**AREAS—APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT**

**ONLY**—Including areas for receiving, storage, packing (canning, bottling, wrapping, boxing) preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Service areas (when food is exposed and facility is in operation also would be considered a food area).

Mix 1 part of DI-SECT with 3 parts of water. Apply in small amounts directly into cracks 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, where cockroaches, silverfish and waterbugs hide. Do not use this product in conduits, motor housings and electrical switch boxes.

**RESTRICTIONS:** Do Not Apply to rugs, carpets, draperies, wallpaper or similar materials that may be stained. Do Not Use as a space spray. Do not allow children in treated areas until surfaces are dry.

Care should be taken to avoid depositing DI-SECT solutions onto exposed surfaces or introducing the material into the air. Avoid contamination of food or 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.**

Brown Dog Ticks: Mix 1 part DI-SECT to 3 parts of water. Spray sleeping quarters of pets around baseboards, window and door frames, wall cracks, and local areas of floor. Repeat when necessary. Fresh bedding should be placed in animal quarters after spraying. Do not treat animals.

**OUTDOOR APPLICATION:** Houseflies: Mix 1 part DI-SECT to 3 parts of water. For fly control apply with a coarse spray to runoff. Thoroughly treat breeding areas, paying particular attention to surfaces of screens, doors, window frames, foundations, garbage cans, and patios where flies are a pest or enter.

Ants, Clover Mites, Crickets, Earwigs, Fleas, Flies, Millipedes, Mosquitoes, Spiders, Sowbugs and Brown Dog Ticks: Treat infested areas thoroughly including outside surfaces of screens, doors, window frames, foundations, patios or other places where insects may enter. For ants, treat hills and runways. Repeat when necessary. Do not spray vegetation.

TO REORDER:

In Texas, call 1-800-442-7950

Outside Texas, call 1-800-527-9721

(DATE)

\_\_\_\_ EPA Est. NO. 4140 \_\_\_\_\_  
CA-1 IN-1 NJ-1 PR-1 TX-1