



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:

Date of Issuance:

1769-371

OCT 12 1999

Term of Issuance:

Conditional

Name of Pesticide Product:

Drop Dead II

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

NCH Corporation  
2727 Chemsearch Blvd.  
Irving, Texas 75062

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phase "EPA Registration No. "1769-371".

b. On the front panel delete Use in Federally Inspected Meat and Poultry Plants since no authorization from USDA permitting use of this product in these facilities was submitted. We will submit the proposed draft labeling to the USDA as an ad hoc intra-Agency process to address your specific product labeling. This additional review process is not a part of the EPA's current Fast Track process. When the Agency receives a written response back from the USDA, the submission will be further processed with a formal reply. If you have any questions, you may contact Linda DeLuise at (703) 305-5428.

Signature of Approving Official:

Date:

c. Change "CONTROLS ORNAMENTAL PLANT PESTS" to "CONTROLS LISTED ORNAMENTAL PLANT PESTS" and "CONTROLS FLYING AND CRAWLING INSECTS" to "CONTROLS LISTED FLYING AND CRAWLING INSECTS".

d. Delete "nonflammable" since this conflicts with your physical/chemical hazard statement.

e. On page 2 add the following limitation to the residential label "Do not use in commercial food/feed handling establishments including restaurants and other facilities where food is commercially prepared or processed."

f. Either delete "Repeat treatment as necessary (or as needed)" or qualify by adding time period based upon residual effectiveness of spray.

This labeling will be considered the master label. Any changes to the split label must also be made to the master label and submitted for approval.

3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Enclosure

# DROP DEAD II

## FLYING AND CRAWLING INSECT KILLER

- SUITABLE FOR USE IN NON-FOOD/FEED AREAS OF FOOD/FEED PROCESSING PLANTS AND OFFICIAL ESTABLISHMENTS OPERATING UNDER THE MEAT, POULTRY, SHELL EGG GRADING AND EGG PRODUCTS INSPECTION PROGRAMS.
- CONTROLS ORNAMENTAL PLANT PESTS
- FOR INDOOR AND OUTDOOR USE
- CONTROLS FLYING AND CRAWLING INSECTS
- SEEKS OUT BUGS WHERE THEY HIDE
- KILLS ON CONTACT
- A BROAD-SPECTRUM INSECTICIDE HIGHLY EFFECTIVE AGAINST ANTS (INCLUDING CARPENTER ANTS), BEES, BEETLES (INCLUDING CARPET, FLOUR, GRAIN AND GROUND BEETLES), CENTIPEDES, CLOVER MITES, COCKROACHES, CRICKETS (INCLUDING MOLE CRICKETS), EARWIGS, FIREBRATS, FLEAS, MILLIPEDES, MOTHS, PILLBUGS, SCORPIONS, SILVERFISH, SOWBUGS, SPIDERS, TICKS, WASPS AND OTHER PESTS LISTED ON THE LABEL.
- KILLS LICÉ AND THEIR EGGS
- FOR USE ON BEDDING, FURNITURE AND OTHER INANIMATE OBJECTS INFESTED WITH LICE
- NONSTAINING
- NO UNPLEASANT ODOR
- WATER-BASED FORMULA
- FOR USE ON PREMISES TO CONTROL FLEAS AND TICKS
- CONTACT AND RESIDUAL INSECTICIDE
- PROTECTS FOR UP TO [4 WEEKS], [12 WEEKS], [3 MONTHS]
- NONFLAMMABLE

Optional text for use on labels for residential markets

- CONTROLS RESIDENTIAL AND ORNAMENTAL PLANT PESTS
- FOR HOUSEHOLD USE

### ACTIVE INGREDIENTS

Pyrethrins.....	0.10%
Piperonyl Butoxide, Technical*.....	0.50%
Permethrin**.....	0.20%
<b>OTHER INGREDIENTS.....</b>	<b>99.20%</b>
<b>TOTAL.....</b>	<b>100.00%</b>

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 12 1999

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

1769-371

\*Equivalent to min. 0.4% (butylcarbityl)(6-propylpiperonyl) ether and 0.1% related compounds.

\*\* (3-phenoxyphenyl) methyl (+/-) *cis/trans* 3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate. *Cis/trans* ratio: min. 35% (+/-) *cis* and max. 65% (+/-) *trans*.

EPA REG. NO.: 1769-???

EPA EST. NO.:

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See the Back Panel For Additional Precautionary Statements.

**NET WEIGHT: 1 lb (454 g)**

**DIRECTIONS FOR USE**

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

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For use on labels for non-residential markets

For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

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For use on labels for residential markets

In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

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For use on labels for non-residential markets

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are

areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held.

Nonfood areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

Do not use in rooms/areas while occupied by patients, the elderly or infirm. Do not apply to classrooms when in use.

**SHAKE WELL BEFORE USING**

Remove the protective cap, hold the container upright and spray from a distance of 12 to 15 inches/30 to 38 centimeters.

**INDOORS**

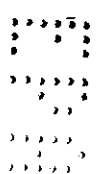
**CLUSTER FLIES, HOUSEFLIES, FRUIT FLIES, MOSQUITOES, GNATS, WASPS, HORNETS, BEES, BLACK FLIES, SKIPPER FLIES, BLOW FLIES AND SMALL FLYING MOTHS:** Close all doors and windows and direct spray upward into the center of the room with a slow sweeping motion. Spray 5 to 10 seconds for an average room, moving toward the door. Direct spray to all parts of the room, especially windows and other light sources that attract these insects. Keep the nozzle in constant motion. Leave the room and keep the area closed for 15 minutes after spraying. Ventilate the room thoroughly before re-entry. Sweep up and discard fallen insects. Repeat treatment as necessary.

**COCKROACHES, WATERBUGS, PALMETTO BUGS, SILVERFISH, FIREBRATS, CRICKETS, SCORPIONS, SPIDERS, MILLIPEDES, CENTIPEDES, SOWBUGS AND PILLBUGS:** Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible. Repeat treatment as necessary.

**ANTS:** Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary.

**INDIAN MEAL MOTHS, ANGOUMOIS GRAIN MOTHS:** Close doors and windows; direct spray into all parts of the room, especially around stored food product containers, pallets and darkened areas. Spray 7 to 10 seconds for each 1000 cubic feet of space, moving toward the door. Leave the room and keep the area closed for 15 minutes following treatment. Repeat application as necessary.

**EXPOSED STAGES OF CONFUSED FLOUR BEETLES, CIGARETTE BEETLES, DRUG STORE BEETLES, SAW-TOOTHED GRAIN BEETLES, RED FLOUR BEETLES, RICE WEEVILS, GRANARY WEEVILS, GRAIN MITES IN EXPOSED ADULT AND LARVAE**



**STAGES:** Spray into cracks and crevices, processing and handling equipment, around cartons or containers or other areas where these insects tend to congregate. Contact as many insects as possible. Spray 30 seconds for each 100 square feet of surface. Keep the area closed for 45 minutes to 1 hour after treatment. **Space spray:** Spray 20 seconds per 1000 cubic feet of space, moving toward the door. Leave the room and keep the area closed for 15 minutes following treatment. Repeat application weekly or as necessary. Infested stored food products should be disposed of or treated using an E.P.A.-registered product intended for this purpose.

**CARPET BEETLES:** Spray directly on beetles, floors, baseboards, shelves and carpets. Repeat treatment as necessary.

**BEDBUGS:** Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, moldings and floors. Repeat treatment as necessary. Allow all sprayed articles to dry thoroughly before use.

**TO CONTROL CLOTHES MOTHS AND CARPET BEETLES:** On wool and other proteinaceous fibers: Remove infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages, directing the spray into cracks, joints and crevices. After airing, infested articles may be treated by spraying lightly, keeping the nozzle at least three feet from fabric to avoid staining.

**FLEAS IN BUILDINGS – SPACE SPRAY:** Hold the can 36 inches/92 centimeters above the floor and direct spray toward the floor and lower walls at a rate of 10 seconds per 100 square feet/9.3 square meters making sure that all floor, sofa and chair surfaces are contacted. Leave the room and keep the area closed for 15 minutes. Open and ventilate before reoccupying. Repeat treatment after 7 days or as needed.

**FLEAS AND TICKS (ADULTS AND LARVAE):** Remove and thoroughly clean or destroy pet bedding. Spray pet sleeping quarters, bed, entire floor and floor covering, with special attention to cracks and crevices around baseboards, and window and door frames. Infested upholstered furniture and mattresses may also be treated with this product. A test application should be made to upholstery or drapery fabrics in an inconspicuous place before use. **DO NOT** spray pets. Treat pets with an E.P.A.-registered product intended for this purpose.

**TO KILL LICE AND LOUSE EGGS:** Spray in an inconspicuous area to test for possible staining and discoloration. Inspect again after drying, then proceed to spray the entire area to be treated. Hold the container upright with the nozzle away from you. Depress the nozzle and spray from a distance of 8 to 10 inches/20 to 25.4 centimeters. Spray each square foot/929 square centimeters for three seconds. Spray only those garments and parts of bedding, including mattresses and

furniture, that cannot be either laundered or dry cleaned. Allow all sprayed articles to dry thoroughly before use. This product is not for use on people.

**OUTDOORS**

Point the spray nozzle away from the face. Hold the can at a slight downward angle. For best results, spray when the air is calm. Allow a few minutes for product to take effect. Spray with the wind if a breeze is blowing.

**FLYING INSECTS: FLIES, MOSQUITOES, GNATS, SMALL FLYING MOTHS, HORNETS, WASPS AND YELLOW JACKETS.** Allow a fog to drift over the area. Direct spray toward bushes or grass from at least 4 to 6 feet/1.2 to 1.8 meter away. Give special attention to breeding areas such as garbage cans and compost piles. Repeat as necessary.

**MUD DAUBERS AND WASP NESTS:** Spray mist directly on insects and their nests from approximately 2 feet/61 centimeters away. Contacted insects will fly away from the fog. Applications should be made in late evening when insects are at rest. Spray into hiding and breeding places, contacting as many insects as possible.

**CRAWLING INSECTS: ANTS, COCKROACHES, INCLUDING ASIAN COCKROACHES, CRICKETS, MOLE CRICKETS, CENTIPEDES AND SILVERFISH.** Spray infested surfaces of patio or picnic areas, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. Spray anthills for best control.

**FOR CONTROL OF ORNAMENTAL PLANT PESTS:** For use on roses, dahlias, asters and other ornamentals to kill Japanese beetles hit by spray, as well as whiteflies, aphids, exposed thrips, spiders, red mites and leafminers.

May be used on plants, as well as a multi-purpose spray in small areas, and for spot treatments of minor insect infestations to prevent spreading in large areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwood, English ivy, euonymus, fuchsias, geraniums, crassulas, grape vines, Kentia palms, laurels, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed against whiteflies, aphids, spider and red mites, exposed thrips, lace bugs, Japanese beetles, pavement ants, clover mites and army worms. When spraying plants, do not operate closer than 18 inches/46 centimeters. Use sweeping motion. Spray in one second bursts. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F/32°C. Contact insects directly whenever possible. Repeat treatment as infestations occur.

**STORAGE AND DISPOSAL**

Store in a cool, dry area. Do not transport or store below 32°F/0°C. Wrap the container in several layers of newspaper and dispose of in trash. Do not incinerate or puncture.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if inhaled. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash before reuse. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before spraying. Vacate the room after treatment and ventilate before reoccupying. Do not allow children or pets to contact treated areas until surfaces are dry.

**FIRST AID**

**IF INHALED:** Remove the victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

**Environmental Hazards**

This product is toxic to fish. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

**Physical Or Chemical Hazards**

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate the container. Exposure to temperatures above 130°F/54°C may cause bursting. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

For medical or environmental emergencies, call 972-438-1381.

**MADE IN THE USA**

NCH Corporation  
2727 Chemsearch Blvd.  
Irving, TX 75062

