

MAY 22 1991

Mr. Gary N. Clark
NCH Corporation
2727 Chemsearch Blvd.
Irving, TX 75062

Mr. Clark:

Subject: Resmethrin Registration Standard
Armada, EPA Reg. No. 1769-240
Submissions: December 13, 1989; January 12, 1990

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

- 1) The term "related compounds" should be deleted from the label ingredient declaration. Unless otherwise substantiated, these isomers should be considered inert. If the "related compounds" are determined to be active, they should be incorporated in the declaration for the active ingredient and not distinguished as "related compounds" or "other isomers".
- 2) Add the following precautions to your Precautionary Statements paragraph:
 - "In commercial food handling facilities, cover or remove any food or food processing equipment during application, Do not apply while food processing is underway."
 - "In hospitals, remove all patients prior to treatment. Ventilate rooms for 2 hours before returning patients."
- 3) Refer to the Resmethrin Registration Standard regarding the label declaration for Resmethrin.
- 4) Have your supplier submit, directly to us, the chemical identity of all components, MSD Sheets and CAS numbers of Belmay Insecticide Fragrance. List all chemical components by CAS number and percent in the mixture.

- 5) Submit a new Confidential Statement of Formula (CSF) providing data in block 7 (density), and block 8 (pH). The total percent by weight on your CSF (block 13b.) equals 100.005% instead of 100.00%. Please correct as necessary.
- 6) It is understood that the use of methylene chloride as a solvent in this formulation would no longer be consistent with the terms of its registration.

Sincerely,

RFM

Richard F. Mountfort
Product Manager (10)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

COLUMN 1

NATIONAL CHEMSEARCH

ARMADA

INSECTICIDE

For Interiors, Food Plants, Restaurants, Schools, Hotels, Motels, Office Buildings, Hospitals, and Food Handling Plants.

ACTIVE INGREDIENTS:

Pyrethrins	0.250%
* Resmethrin (5-(phenylmethyl)-3-furanyl)methyl 2,2-dimethyl-3-(2-methylprop-1-enyl) cyclopropanecarboxylate	0.2500w/w
Related Compounds	0.004%
** Technical Piperonyl Butoxide	0.625%
N-octylbicycloheptene dicarboximide	0.625%
*** INERT INGREDIENTS	98.216%
TOTAL	100.000%

* Dis/trans isomers ratio: max. 30% (+) cis and min. 70% (+) trans.

U.S. Patent No. 3,465,007

** Equivalent to 0.500% (butylcarbitol) (6-phenylpiperonyl) ether and 0.125% related compounds.

*** Contains Petroleum Distillates.

EPA Reg. No. 1769-240
EPA Est. No. 4140-TX-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND STATEMENT OF PRACTICAL TREATMENT.

NET CONTENTS: _____

NATIONAL CHEMSEARCH
A Division of NCH Corporation
2727 Chemsearch Blvd.
Irving, TX 75062

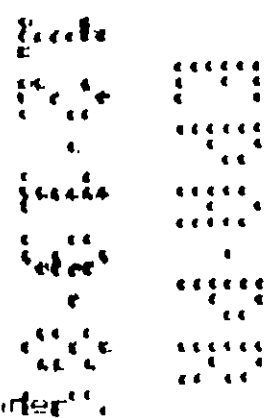
COLUMN 2

DIRECTIONS FOR USE:

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

ACCEPTED
with COMMENTS
in EPA Letter Dated
MAY 22 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
1769-240

BEST AVAILABLE COPY



TOTAL RELEASE DIRECTIONS

BEFORE SPRAYING:

1. Close all outside doors and windows. Turn off all heating or air conditioning fans. Extinguish all open flames.
2. Open all areas where pests may hide, such as cupboards, storage areas, closets, under refrigerators, under sinks and stoves.
3. Cover asphalt tiles, waxed wood floors and other surfaces which may be exposed to spray. Plastic, cloth or newspaper may be used to cover these areas.

DIRECTIONS FOR SPRAYING:

1. Place container on a table or stand. Spread product on ceiling under can to protect area directly below.
2. Tilt top of container away from face and body. Push thumb over arrow and press forward until latch locks securely over the top of the can.
3. Set container back on paper and leave area at once. Keep the area closed for 4 hours or more.
4. After 4 hours, open all doors and windows. Turn on fans and air conditioners and let area air for 30 minutes. (Repeat spraying in two weeks or when necessary.)

Used as a Total Release Fogger, this product will kill exposed stages of Houseflies, Mosquitoes, Small Flying Moths, Silverfish, Cockroaches, Gnats, Earwigs, Ants, Grain Mites, and Sawflies.

This container treats an open area of 10,000 cubic feet. This is an area of 1,250 square feet with 8 foot ceilings.

NOT FOR RESALE

COLUMN 3

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN AND DOMESTIC ANIMALS

CAUTION

Avoid contact with eyes or clothing. Wash thoroughly after handling. Harmful if swallowed. Cover or remove exposed foods. Avoid contamination of cooking utensils and food preparation surfaces. Remove pets and cover fish aquariums before spraying. Do not spray on walls, composition tiles, or plastics.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Treat symptomatically. If swallowed DO NOT induce vomiting. Call a physician immediately.

NOTE TO PHYSICIAN: Atropine sulfate is antidotal.

IF INHALED: Move to fresh air. Give supportive treatment if necessary. Try to avoid breathing vapor or spray.

IF ON SKIN: Avoid contact with the skin. If contact does occur, wash the skin thoroughly with soap and water. Wash contaminated clothing. If skin irritation occurs, contact a physician.

IF IN EYES: Flush with water for 15 minutes. Get medical attention if irritation persists.

PHYSICAL AND CHEMICAL HAZARDS

Contents under pressure. Do not puncture. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. Never throw the container into a fire or incinerator.

STORAGE

Keep in a locked, cool, dry area.

CONTAINER DISPOSAL

Replace the cap and discard the container in a safe way.

TO REORDER:

In Texas, call 1-800-447-2710
Outside Texas, call 1-800-527-5411

BM91210

BEST AVAILABLE COPY

