

COLUMN 1**NATIONAL CHEMSEARCH****MICRO-SYN 300**

Not Reviewed. Registrant claims to be in accordance with
 Reregistration of Pesticide Product Guidance for Phase 2
 Response, Page 2.12, Active to Inert Change in Status.

For indoor use in ULV Mechanical Misting Sprayers, or Thermal
 Foggers.

For Stores, Institutions, Restaurants, Food Processing Plants,
 Warehouses, Industrial Installations, and Horse Stables

ACTIVE INGREDIENTS:

* + resmethrin [(5-(phenylmethyl)-3-furanyl) methyl 2,2-dimethyl-3-(2-methyl-1-propenyl) cyclopropanecarboxylate].....	3.00%w/w
Related compounds.....	0.41%
** INERT INGREDIENTS.....	96.59%
TOTAL.....	100.00%

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

U.S. Patent Nos. 3,465,007 and 3,542,928.

** Contains Petroleum Distillates

BEST AVAILABLE COPY

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

EPA Reg. No. 1769-303

NET CONTENTS: _____

NATIONAL CHEMSEARCH

A Division of NCH Corporation
 2727 Chemsearch Blvd.
 Irving, Texas 75062

COLUMN 2**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner
 inconsistent with its labeling. FOR ULV USE IN MECHANICAL AEROSOL
 GENERATORS Apply undiluted at the rate of 0.5 fl. oz. of concentrate
 per 1,000 cubic feet of space. Direct output from aerosol generator
 upwards toward upper corners of room and ceiling. Turn off pilot
 lights in gas appliances and extinguish all flames in the area to be
 treated. Shut off all air-conditioning or ventilating equipment.
 Vacate room before application. Leave closed for one hour after

259

Space Spray - To kill adult and accessible juvenile stages of insect pests of stored foods: grain weevils, flour beetles, saw-toothed grain beetles, angoumois grain moths, Mediterranean flour moths, Indian meal moths, grain mites, carpet beetles and spider beetles. Direct output into corners, under pallets and around stacks of packaged goods, hitting as many of the insects as possible and then treat as a space spray upward toward upper corners of room and ceiling.

To kill house flies, mosquitoes and gnats, treat as a space spray directing output towards upper corners of room and ceiling.

Contact Spray - Use diluted to kill roaches, silverfish, earwigs, ants, spiders, crickets, centipedes, sowbugs, millipedes, carpet beetles: Apply the spray as a coarse wet spray into all cracks and crevices in woodwork, walls, floors, beneath sinks and other insect harborages, contacting as many insects as possible. To kill wasps and hornets, contact application should be made in late evening when insects are at rest. Spray liberally into hiding and nesting places, contacting as many insects as possible. Repeat as necessary.

FOR MECHANICAL MISTING EQUIPMENT

Diluting Instructions: Dilute to 0.5% MICRO-SYN 300 by adding 1 fl. oz. of the 3.0% concentrate to 5 fl. oz. of petroleum distillate.

Dilute to 0.25% MICRO-SYN 300 by adding 1 fl. oz. of the 3.0% concentrate to 11 fl. oz. of petroleum distillate (diesel fuel or kerosene).

Dilute to 0.20% MICRO-SYN 300 by adding 1 fl. oz. of the 3.0% concentrate to 14 fl. oz. of petroleum distillate (diesel fuel or kerosene).

Dilute to 0.10% MICRO-SYN 300 (which would be used for flying insects only) by adding 1 fl. oz. of the 3.0% concentrate to 29 fl. oz. of petroleum distillate (diesel fuel or kerosene).

For most effective results against flying insects, operate spraying dispenser adjusted to deliver a fine mist. For flying insects, use either 0.10% or 0.25% MICRO-SYN 300.

To kill house flies, mosquitoes, gnats, wasps, hornets and small flying insects: Close all doors and windows. Turn nozzle up and direct the spray mist to all parts of the room, especially windows and other light sources which attract these insects. Fill the room with mist, then leave the treated area. Keep the room closed for at least 15 minutes. Ventilate the room before re-entry. Repeat as necessary.

To kill crawling insects, adjust spray to produce large wetting type spray particles and use either 0.25% or 0.50% MICRO-SYN 300.

BEST AVAILABLE COPY

24-1

To kill roaches, earwigs, grain mites, sowbugs, spiders, silverfish, crickets, centipedes and grain insects (adults and accessible stages of confused flour beetles, red flour beetles, sawtoothed grain beetles, shiny spider beetles, carpet beetles, grain weevils, Angoumois grain moths, Indian meal moths): Spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators, baseboards, storage areas and other insect harborage areas. Spray directly on insects where possible. Repeat as necessary.

COLUMN 3

To kill wasps and hornets: Contact application should be made in late evening when insects are at rest. Spray liberally into hiding and nesting places, contacting as many insects as possible. Repeat as necessary.

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

THERMAL APPLICATION INDOORS: Use 0.2% MICRO-SYN 300 for the control of flies, mosquitoes and gnats in warehouses, restaurants and industrial institutions. Shut off ventilating systems, air ducts, air-conditioning equipment and close off room or area to be treated.

Extinguish all flames and pilot lights. Apply as a dry fog at the rate of 1-1/3 fluid ounce per 1,000 cubic feet of space. Direct nozzle of thermal applicator toward the upper corners of the room and along the ceiling. Close off room for at least one-half hour. Do not remain in treated areas. Ventilate the area before re-entry.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin, eyes or clothing. Wear mask or respirator of type recommended by NIOSH (National Institute for Occupational Safety or Health) to give adequate protection against this material. Wear protective clothing.

In food handling areas, food should be removed previous to treatment. Apply only when facility is not in operation. After treatment, food contact surfaces and equipment must be washed with an effective cleaning compound followed by a potable water rinse. Remove pets, birds and cover fish aquariums before spraying. Remove horses before spraying stables.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: DO NOT induce vomiting. Call a physician or Poison Control Center immediately.

IF INHALED: Remove to fresh air.

BEST AVAILABLE COPY