

NATIONAL

MICRO-SYN 300™

For indoor use in ULV
Mechanical Misting Sprayers
or Thermal Foggers

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

DIRECTIONS FOR USE

For ULV use in mechanical aerosol generators such as the EPI-Micro ULV or Micro-Gen. 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.

Extinguish all flames in the area to be treated. Shut off all heating or ventilating equipment.

Vacate room before application. Leave closed for 1 hour after spraying. Ventilate room thoroughly before re-entry.

Space Spray: To kill adult and accessible juvenile stages of most pests of stored foods: grain weevils, flour beetles, saw-toothed grain beetles, angoumois grain moths, Mediterranean flour moth and 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, cockroaches, spiders, crickets, centipedes, scorpions, beetles, carpet beetles. Apply the spray as a coarse wet spray to all cracks and crevices, woodwork, walls, floors, beneath sinks and other insect harborage areas 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 flying 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 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, contact spraying dispenser adjusted to deliver a fine mist. For gnats use either 0.10% or 0.25% MICRO SYN.

To kill house flies, mosquitoes, gnats, wasps, hornets and flying insects, close all doors and windows. Point nozzle upward so that the spray mist fills parts of the room, avoiding 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 1 hour after spraying. Ventilate the room before re-entry. Repeat as necessary.

To kill crawling insects, adjust spray to produce a coarse wetting type spray particles and use either 0.10% or 0.25% MICRO SYN.

To kill roaches, cockroaches, spiders, crickets, centipedes, scorpions, beetles, carpet beetles and grain weevils, use the spray as a coarse wet spray to all cracks and crevices, woodwork, walls, floors, beneath sinks and other insect harborage areas. Spray liberally on insects where possible. Repeat as necessary.

To kill wasps and hornets, contact application should be made in late evening when insects are at rest. Spray liberally into flying and nesting places, contacting as many insects as possible. Repeat as necessary. To kill ants, spray the nests and points of entry. Spray on ants where possible. Repeat as necessary.

THERMAL APPLICATION INDOOR: Use 0.2% M. EPD SYN 300 for the control of flies in warehouses and distribution warehouses, restaurants and industrial institutions. Shut off ventilating systems, air ducts, exhaust fumes 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 fl. oz. per 1,000 cubic feet of space. Direct nozzle of thermal fogger toward the upper corners of the room and along the ceiling. Close off room for at least one hour after use. Do not re-enter treated areas until the area is fully re-ventilated.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

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 and Health) to give adequate protection against this material. Wear protective clothing. Wash exposed skin with soap and water after handling and before eating. Wash all contaminated clothing with soap and water, separately from other clothing before re-use.

FIRST AID

In case of contact, immediately flush skin and eyes with plenty of water for at least 15 minutes. For skin and eyes, call a physician.

PHYSICAL OR CHEMICAL HAZARDS

Extinguish open flame before space spraying. This formulation is combustible. DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.

In food handling areas, food should be removed or covered previous to treatment. All food processing surfaces should be covered or thoroughly washed before using. Apply only when facility is not in operation. Remove pets, birds and cover fish aquariums before spraying. Remove bees before spraying stables.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. SEE SIDE PANEL FOR ADDITIONAL INSTRUCTIONS.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by method of storage or disposal. Open dumping is prohibited unless in an EPA approved landfill.

PESTICIDE DISPOSAL: Pesticide spray mixture or residue that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

CONTAINER DISPOSAL: Properly identify all used containers. Triple rinse (or equivalent) and offer for recycling, reconditioning or disposal in approved landfill or bury in a safe place. A container size of 30 gals. or more may be resealed and offered for reconditioning.

GENERAL: Consult Federal, state or local disposal authorities for approved alternate procedures.

NOT INTENDED FOR HOUSEHOLD USE OR RESALE

TO REORDER:

In Texas, call 1-800-442-7950
Outside Texas, call 1-800-527-9921

EPA Est. No. 4140

CA 1 IN 1 NJ 1 PR 1 TX 1

6-80

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%
Aromatic petroleum hydrocarbons	3.97%
Petroleum distillate	92.50%

INERT INGREDIENTS

0.12%

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

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

(See side panel for additional precautionary statements)

EPA Reg. No. 1769-303

NET CONTENTS

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