

432-1097

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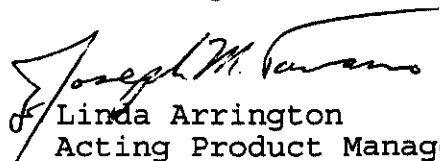
Norma C. Pangilinan, Ph.D.
Bayer Environmental Science
95 Chestnut Ridge Road
Montvale, NJ 07645

Subject: Synthrin 40% Mosquito Formulation
EPA Registration No. 432-1097
Application dated September 29, 2003

Dear Dr. Pangilinan:

The Proposed amendment to the registration of the product cited above under The Federal Insecticide, Fungicide and Rodenticide Act, as amended revising the label in accordance with PR Notice 2001-1 is acceptable. A stamped copy of the label is enclosed for your records.

Sincerely,



Linda Arrington
Acting Product Manager 10
Insecticide Branch
Registration Division (7505C)



RESTRICTED USE CLASSIFICATION
 Due to Acute Fish Toxicity
 For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicators Certification.

**SYNTHRIN® 40%
 MOSQUITO FORMULATION**

- **A SYNTHETIC PYRETHROID FOR EFFECTIVE ADULT MOSQUITO, BLACK FLY AND STABLE FLY CONTROL**
- **TO BE APPLIED BY MOSQUITO ABATEMENT DISTRICTS, PUBLIC HEALTH OFFICIALS AND OTHER TRAINED PERSONNEL IN MOSQUITO CONTROL PROGRAMS**

ACTIVE INGREDIENTS:

*Resmethrin	40.00%
Related Compounds	5.45%
**Other Ingredients:.....	<u>54.55%</u>
	100.00%

*[5-(phenylmethyl)-3-furanyl]2,2-dimethyl-3-(2 methyl-1-propenyl) cyclopropanecarboxylate with max. 30% (+/-) cis and min. 70% (+/-) trans.

**Contains Petroleum Distillates.

EPA REG. NO. 432-1097

EPA EST. NO.

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

**ACCEPTED
 with COMMENTS
 In EPA Letter Dated:**

DEC 2 2003

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under EPA Reg. No.
432-1097

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER: 1-800-331-2867	
[Synthetic Pyrethroid]	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-334-7577 for emergency medical treatment information.	
Note To Physician: Contain petroleum distillate – vomiting may cause aspiration pneumonia.	

See Side Panel For Additional Precautionary Statements

NET CONTENTS:

PRECAUTIONARY STATEMENTS
Hazards To Humans & Domestic Animals

CAUTION

Harmful if swallowed. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes with plenty of water. For skin, wash with soap and water. Get medical attention if irritation persists.

Environmental Hazards

This pesticide is highly toxic to fish. Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Consult your local State's Fish and Wildlife agency before treating around such waters.

Physical Hazards

Do not store near an open flame. This product is combustible. Do not store below 45°F. This material may have been exposed to temperatures below 40°F. To insure uniformity, warm to 100°F and mix well before using.

DIRECTIONS FOR USE

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

ADULT MOSQUITO & ADULT BLACK FLY: For ULV portable pack equipment mix 4 1/3 fluid ounces with one gallon of light mineral oil of 54 second viscosity. Adjust equipment to deliver fog particles of 18 microns, median mass diameter. Apply at the rate of 8 fluid ounces of finished formulation per acre as a 50 ft. swath while walking at a speed of about 2 mph. This is equivalent to 0.007 pounds of active ingredient per acre.

For truck mounted ULV equipment mix 12 1/2 fluid ounces with one gallon of light mineral oil of 54 second viscosity. Adjust equipment to deliver fog particles of 12 microns, median mass diameter. Apply at the rate of 3 fluid ounces of finished formulation per acre as a 300 foot swath at a truck speed of 5 mph. This is equivalent to 0.007 pounds of active ingredient per acre.

Fog only when air currents are less than 5 mph. It is preferable to fog during early morning and late afternoon when there is less breeze and convection currents are minimal. Arrange to apply the fog in the direction with breeze to obtain maximum swath length and better distribution. Direct spray head of equipment in a manner to insure even distribution of the fog throughout the area to be treated. Avoid prolonged inhalation of fog.

Guide the direction of the equipment so that the discharge nozzle is maintained at a distance of more than six feet from ornamentals and fifteen feet or more from painted objects. Temperature fluctuations will require periodical adjustment of equipment to deliver the desired flow rate at the specified speed of travel (mph). This must be maintained to insure the distribution of the proper dosage of finished formulation. Spray parks, campsites, woodlots, athletic fields, golf courses, swamps, tidal marshes, residential areas and municipalities, around the outside of apartment buildings, restaurants, stores and warehouses. Do not spray on croplands. Avoid direct applications over lakes, ponds and streams.

STABLE FLY CONTROL: Treat shrubbery and vegetation around stagnant pools, marshy areas, ponds and shore lines where *Stable Flies* may rest. Application of this product to any body of water is prohibited. For control of *Adult Stable Flies* in residential and recreational areas apply liquid formulation undiluted at a rate of 0.25 gallons per hour (gph) with a suitable ULV generator traveling at 5 miles per hour (mph), or at a rate of 0.5 gph while traveling 10 mph. Apply in winds of 1 to 10

mph, spraying with the wind direction. Applied in this manner, this application covers a 300 ft. swath. Repeat as required for effective control.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store upright at room temperature.

Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc.

Dispose of with chemical waste.

Pesticide Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures. **CONTAINERS ONE GALLON AND SMALLER:** Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of manner of use and other factors beyond Bayer Environmental Science's control, it is impossible for Bayer Environmental Science to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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