

GOLD CREST

Vectrin™ 3%

NOT REVIEWED
Received per PR Notice 88-6

432-635
Pm 17
1052

INSECTICIDE

(Contains 0.2 pounds of SBP-1302 per gallon or 24 grams of SBP-1302 per liter)

FOR INDOOR USE IN ULV, MECHANICAL MISTING SPRAYERS, PUMP SPRAYERS, OR THERMAL FOGGERS

Authorized by USDA for use in edible product areas of official establishments operating under the Meat, Poultry, Shell Egg Grading and Egg Products Inspection Program.
For HOMES, 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

••INERT INGREDIENTS: 97.00%

100.00%w/w

**Contains Petroleum Distillate

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

••Roussel Bio's SBP-1302® brand of resmethrin insecticide.

Roussel Bio Corp., 400 Sylvan Avenue, Englewood Cliffs, N.J. 07632

PRECAUTION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que lo entienda lo haya sido explicado en español.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

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

In restaurants and food handling establishments while these facilities are in operation, for surface spray and crack and crevice treatment only. This method is not authorized by USDA for use as noted above.

EPA Est.: See Lot No. For Correlation

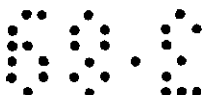
EPA Reg. No. 432-435

G 42545-MO-1

P-12/2/87

H 5005-AR-1

P 505-GA-1

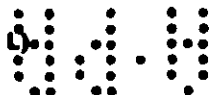


ROUSSEL BIO
CORPORATION



P.O. Box 1077, 400 Sylvan Avenue
Englewood Cliffs, New Jersey 07632

NET CONTENTS:
gallons (



PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & 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. 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 reuse.

Do not apply directly to food or foodstuffs. When space spraying in commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not space spray while food processing is underway. After space spraying in bakeries and other food processing plants, wash all equipment, benches, shelving, etc. where exposed food will be handled thoroughly with an effective cleaning compound and rinse with potable water. In the home, all food processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Remove pots, and cover fish aquariums before spraying.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Do not induce vomiting. This product contains petroleum solvents. Aspiration may be a hazard.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Flush with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water.

PHYSICAL OR CHEMICAL HAZARDS

Extinguish open flame before space spraying. **DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. FLASH POINT MINIMUM 199°F (93.5°C).**

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or food by storage or disposal.
For Containers One Gallon and Under: Store product in original container in a locked storage area.

PESTICIDE DISPOSAL: For Containers Over One Gallon: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: For containers one gallon and under: Do not reuse empty container. Wrap container and put in trash.

For containers over one gallon: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and Local authorities.

DIRECTIONS FOR USE (Continued on reverse side)

Gold Crest Vectrin 3% Insecticide
DIRECTIONS FOR USE (Continued) **EPA Reg. No. 432-636**

This concentrate is designed for use undiluted in ULV sprayers such as the LECO Mini ULV or Micro-Gun which give particles of aerosol size. It can also be diluted with oils which meet Food Additive Regulation (21 CFR 172.804) for use in mechanical mixing equipment such as the Microcol or Challenger machines which give larger particles. It can also be diluted with oil as specified and applied as a contact spray with mechanical mixing equipment or pump sprayers. Before application, remove plants and animals from area to be treated. Remove horses before spraying stables.

In horse stables: Not for application if horses will be used for food.
It is advisable to cover delicate furnishings when using this undiluted product.

FOR USE IN ULV MECHANICAL AEROSOL GENERATORS SUCH AS THE LECO MINI ULV OR MICRO-GUN: Apply undiluted at the rate of 0.5 fl. oz. (14.9 ml) of concentrate per 1,000 cu. ft. (28.3 cu. meters) of space. Direct output from aerosol generator upward toward upper corners of room and ceiling. 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 - two hours after spraying. Ventilate room thoroughly before re-entry.

SPACE SPRAY: To kill adult and susceptible 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, hitting as many insects as possible, and then treat as a space spray upward toward upper corners of room and ceiling.

TO KILL HOUSE FLIES, MOSQUITOES, GNATS AND SMALL FLYING INTHS: Treat as a space spray, directing output towards upper corners of room and ceiling.

CONTACT SPRAY

Applications may be made in restaurants and all other food handling establishments while the facility is in operation taking extreme care not to contaminate food or food handling surfaces. Use the 0.25% spray dilution (19.6 fl. oz. (512.5 ml) in 1 gal (3.78L) of petroleum distillate) for the following contact applications.

TO KILL COCKROACHES, SILVERFISH, EARWIGS, ANTS, SPIDERS, FLEAS, CRICKETS, CENTIPEDES, SCORPIONS, MILLIPEDES, CARPET BEETLES: Apply as a coarse wet spray on walls, floors and other surfaces of bins and storage handling areas, unloading and processing areas being careful to treat cracks and crevices in these places as well as beneath sinks, inside conveying, processing and handling equipment, and around the bases of heavy machinery equipment.

TO KILL BEDBUGS AND LICE: Apply as a spot treatment to cracks and crevices around baseboards, floorboards, bedboards and walls. First, thoroughly clean and air mattresses and springs. Then spot treat only areas that may harbor pests, concentrating on tufts, folds, and seams. Repeat as necessary. For persistent infestations, consult professional applicator.

TO KILL FLEAS: Hold spray nozzle about 18 inches (46 cm) from areas to be treated. Direct spray on resting areas and floor around these areas. Apply spray until area is moist. Treat pet bedding the same way. Also spray entire inside surface of dog houses. Repeat as necessary. Do not allow pets to contact treated areas until spray has dried. Remove or cover animal food before spraying. Also treat dogs, cats and horses with registered flea control product before they re-enter treated areas (such as SPP-1362® Aqueous Pressurized Spray Insecticide 0.25%, EPA Reg. No. 432-482 or 432-483, for the direct application to dogs and cats).

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 MIXING EQUIPMENT SUCH AS THE MICROCOL OR CHALLENGER MACHINES:
DILUTING INSTRUCTIONS: Dilute to 0.5% SPP-1362 by adding 1 fl. oz. (29.6 ml) of the 3.0% concentrate to 5 fl. oz. (149 ml) of petroleum distillate. Dilute to 0.25% SPP-1362 by adding 1 fl. oz. (29.6 ml) of the 3.0% concentrate to 11 fl. oz. (325 ml) of petroleum distillate. Dilute to 0.20

% SPP-1362 by adding 1 fl. oz. (29.6 ml) of the 3.0% concentrate to 14 fl. oz. (414 ml) of petroleum distillate. Dilute to 0.10% SPP-1362 (which would be used for flying insects only) by adding 1 fl. oz. (29.6 ml) of the 3.0% concentrate to 29 fl. oz. (828 ml) of petroleum distillate. 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% SPP-1362.

TO KILL HOUSE FLIES, MOSQUITOES, GNATS, WASPS, HORNETS, and SMALL FLYING INTHS: Close all doors and windows. Point nozzle upward, direct 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 one hour. 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% SPP-1362 in mechanical mixing or pump sprayer.

TO KILL COCKROACHES, EARWIGS, GRAM INTHS, SCORPIONS, SPIDERS, SILVERFISH, CRICKETS, FLEAS, CENTIPEDES AND GRAM INSECTS: (Adult and susceptible stages of contact flour beetles, red flour beetles, saw-toothed grain beetles, shiny spider beetles, carpet beetles, grain weevils, Angoumois grain moths, Indian meal moths, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, grain mites, carpel beetles and spider beetles): Spray thoroughly into hiding places such as cracks, crevices, mold areas, openings around pipes and sinks, under refrigerators, baseboards, storage areas and other insect harborages. Spray directly on insects where possible. Repeat as necessary.

TO KILL BEDBUGS AND LICE: Apply as a spot treatment to cracks and crevices around baseboards, floorboards, bedboards and walls. First, thoroughly clean and air mattresses and springs. Then spot treat only areas that may harbor these pests, concentrating on tufts, folds, and seams. Repeat as necessary. For persistent infestations consult professional applicator.

TO KILL FLEAS: Hold spray nozzle about 18 inches (46 cm) from areas to be treated. Direct spray on resting areas and floor around these areas. Apply spray until area is moist. Treat pet bedding the same way. Also spray entire inside surface of dog houses. Repeat as necessary. Do not allow pets to contact treated areas until spray has dried. Remove or cover animal food before spraying. Also treat dogs, cats and horses with a registered flea control product before they re-enter treated areas (such as SPP-1362® Aqueous Pressurized Spray Insecticide 0.25%, EPA Reg. No. 432-482 and 432-483, for the direct application to dogs and cats).

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 APPLICATIONS INDOORS: Use 0.20% SPP-1362 for the control of house flies, mosquitoes and gnats in warehouses, restaurants and industrial institutions. Shut off ventilating systems, air ducts, air conditioning equipment and close off room or areas to be treated. Extinguish all flames and pilot lights. Apply as a dry fog at the rate of 1-1/3 fl. oz. (39.3 ml) per 1,000 cu. ft. (28.3 cu. meters) 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 hour. Do not remain in treated area. Ventilate the area before re-entry.

WARRANTY STATEMENT

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practices. The buyer must assume all responsibility, including injury or damage, resulting from its misuse, or in combination with other materials.