

**PRECAUTIONARY STATEMENTS**  
**Hazards To Humans & Domestic Animals**  
**Caution**

Harmful if swallowed. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing. Wear a NIOSH approved respirator with any R, P or HE filter to give adequate protection against this material. Wear protective clothing. Wash thoroughly with soap and water after handling and before eating or drinking. Remove contaminated clothing and wash clothing before reuse. Do not apply directly to food or feedstuffs. When space spraying in commercial food handling facilities cover or remove any food and food processing equipment during application. Do not space spray while 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, cover all food processing surfaces and utensils during treatment, or thoroughly wash before use. Remove pets, and cover fish aquariums before spraying.

**Environmental Hazards**

This pesticide is highly toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated sites may be toxic to fish in adjacent waters. Do not contaminate water when using equipment washwaters.

**Physical or Chemical Hazards**

Combustible. Do not use or store near heat or open flame. Extinguish open flame before space spraying. Do not use this product in or on electrical equipment due to the possibility of shock hazard. Examples are junction boxes, switches, etc.

**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 feed by storage or disposal.

**STORAGE:** Store product in original container in a cool, dry area away from heat or open flame.  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**INNER DISPOSAL:** 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. Containers one gallon and under - Do not reuse empty container. Replace cap and place in trash or offer for recycling if available.

In restaurants and food handling establishments while those facilities are in operation, for surface spray and crack and crevice treatment only. Do not use this method in federally-inspected facilities.

Can be used in edible product areas of official establishments operating under the Meat Poultry, Shell Egg Grading and Egg Products Inspection Programs. For HOMES, STORES, INSTITUTIONS, RESTAURANTS, FOOD PROCESSING PLANTS, WAREHOUSES, INDUSTRIAL INSTALLATIONS, AND HORSE STABLES FOR INDOOR USE IN ULV, MECHANICAL MISTING SPRAYERS, PUMP SPRAYERS, OR THERMAL FOGGERS.



**RESMETHRIN ULV 3**  
**MULTIPURPOSE SPRAY**

**ACTIVE INGREDIENTS**  
 • Resmethrin ..... 3.00%

**OTHER INGREDIENTS** ..... 97.00%  
 100.00%

• cis/trans isomers ratio: max 30% (+/-) cis and min 70% (+/-) trans  
 Valent BioScience Corporation's brand of resmethrin insecticide.

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que la etiqueta. La haya sido explicada apropiadamente.

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**  
 SEE SIDE PANEL FOR ADDITIONAL  
 PRECAUTIONARY STATEMENTS

**FIRST AID**

Call a poison control center or doctor immediately for treatment advice.  
**If Swallowed:** 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 In Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
**If On Skin Or Clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.  
**HOT LINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.  
**NOTE TO PHYSICIAN:** Contains petroleum distillate - vomiting may cause aspiration hazard.

MANUFACTURED BY:

**Dickson Chemical Co., Inc.**  
 STUTTGART, ARKANSAS 72160

EPA Reg. No. 46579-12  
 EPA Est. No.

NET CONTENTS: GALLONS

This concentrate is designed for use in ULV sprayers such as the LECO Mini ULV or Micro-Gen which gives particles of aerosol size. It can also be diluted with oils which meet Food Additive Regulation (21 CFR 172.884). It can also be diluted with oil as specified and applied as a contact spray with mechanical misting 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.  
 To avoid the possibility of staining, cover delicate furnishings before using this undiluted product.

**FOR USE IN ULV MECHANICAL AEROSOL GENERATORS SUCH AS THE LECO MINI ULV OR MICRO-GEN:**

Apply undiluted at the rate of 0.5 fl. oz. to 1.0 fl. oz. of concentrate per 1,000 cu. ft. 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 accessible stages of insect pests of stored foods: grain weevils, flour beetles, saw-toothed grain beetles, cigarette 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. May also be applied at the 0.5% dilution (see diluting instructions.) Apply at 1 to 2 oz. Per 1,000 cu. ft.

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

**CONTACT SPRAY**

Application may be made in restaurants and all food handling establishments while the facility is in operation taking extreme care not to contaminate food or food handling surfaces. Use the 0.25% or 0.50% spray dilution (see diluting instructions) for the following contact applications.

**TO KILL COCKROACHES, SILVERFISH, EARWIGS, ANTS, SPIDERS, FLEAS, CRICKETS, CENTIPEDES, SOWBUGS, 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 & LICE:** Apply as a spot treatment to cracks and crevices around baseboards, floorboards, bed boards, 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.

**TO KILL FLEAS:** Hold spray nozzle 18 inches 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 doghouses. Do not allow pets to contact treated area until spray has dried. Remove or cover animal feed before spraying. Also, treat dogs, cats and horses with a registered flea control product before they re-enter the treated areas.

**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.

**DILUTING INSTRUCTIONS:** Dilute to 0.5% by adding one part of the 3.0% concentrate to five parts of petroleum distillate. Dilute to 0.25% by adding one part of the 3.0% concentrate to 11 parts of petroleum distillate. Dilute to 0.20% by adding one part of the 3.0% concentrate to 14 parts of petroleum distillate. Dilute to 0.10% by adding one part of the 3.0% concentrate to 29 parts of petroleum distillate. For most effective results against flying insects, operate spraying dispenser adjusted to deliver an aerosol mist. For flying insects, use either 0.10%, 0.25% or 0.50%.

**TO KILL HOUSE FLIES, MOSQUITOES, GNATS, WASPS, HORNETS, AND SMALL FLYING MOTHS:** 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.

**TO KILL CRAWLING INSECTS:** Adjust spray to produce large wetting type spray particles and use either 0.25% or 0.50% dilution in mechanical misting or pump sprayer.

**TO KILL COCKROACHES, EARWIGS, GRAIN MITES, SOWBUGS, SPIDERS, SILVERFISH, CRICKETS, FLEAS, CENTIPEDES, AND GRAIN INSECTS:** (Adult and accessible stages of confused flour beetles, red flour beetles, saw-toothed grain beetles, shiny spider beetles, carpet beetles, grain weevils, Angoumois grain moths, Indian meal moths, cigarette beetles): Spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators, baseboards, storage areas and other insect harborages. Spray directly on insects where possible.

**TO KILL BEDBUGS & LICE:** Apply as a spot treatment to cracks and crevices around baseboards, floorboards, bed boards, 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.

**TO KILL FLEAS:** Hold spray nozzle about 18 inches 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 doghouses. Do not allow pets to contact treated area until spray has dried. Remove or cover animal feed before spraying. Also, treat dogs, cats and horses with a registered flea control product before they re-enter the treated areas.

**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.

**TO KILL ANTS:** Spray trails, nests and points of entry. Spray on ants where possible.

**THERMAL APPLICATIONS INDOORS:** Use 0.25% or 0.50% 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. per 1,000 cu. ft. 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 areas. 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 effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

46579-12

03/26/2005

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**ACCEPTED**  
MAR 26 2003  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 46579-12

