

M.A.G. 3-6-10

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FOR APPLICATION BY TRAINED PERSONNEL ONLY USING ULV OR CONVENTIONAL SPRAY EQUIPMENT

For use in Homes, Restaurants, Food Processing Plants, Warehouses and Industrial Installations

ACTIVE INGREDIENTS:

Pyrethrins	3%
*Piperonyl Butoxide, Technical	6%
N-octyl bicycloheptene dicarboximide	10%
INERT INGREDIENTS	81%
(Contains Petroleum Distillate)	
TOTAL	100%

Equivalent to 4.8% (butylcarbityl) (6-propylpiperonyl) ether and 1.2% related compounds.

When used according to label directions, this product is effective in the control of the following insects: Mosquitoes, Flies, Fleas, Flying Moths, Gnats, Cockroaches, Silverfish, Earwigs, Ants, Spiders, Boxelder bugs, Cheese Mites, Cheese Skippers, Cigarette Beetles, Clover Mites, Angoumis Grain Moths, Dark Mealworms, Deer Flies, Dried Fruit Beetles, Drugstore Beetles, Fruit Flies, Horn Flies, Hornets, Horseflies, Indian Meal Moths, Wasps, Mediterranean Flour Moths, Spider Beetles, Stable Flies, Tobacco Moths, Yellow Mealworms, Granary Weevils, Rice Flour Beetles, Meal Mouth larvae and adults, Cadelles, Grain Mites, and Sawtoothed Grain Beetles .

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautionary statements

NET CONTENTS: _____

DIRECTIONS FOR USE

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

GENERAL: This concentrate is designed for use undiluted in mechanical sprayers such as the LECO Mini-ULV or Micro-Gen Micro Generator which gives particles of aerosol size. It can be diluted with refined kerosenes, which meet Food Additive Regulation 121.1182 and applied in fogging equipment such as the Microsol or Challenger machines that give larger than aerosol particle size. It can also be diluted with the oil specified above and applied as a contact spray to kill crawling insects shown later on this label.

SPACE SPRAY - Undiluted in Aerosol Generators to Kill Exposed Accessible Stages of Flies (including Fruit Flies), Mosquitoes, Small Flying Moths, Fleas, Gnats, Wasps, Hornets, Clover Mites, Cheese Mites, Cheese Skippers, Boxelder Bugs, Earwigs, Ants and the following common stored product pests: Granary Weevils, Rice Weevils, Confused Flour Beetles, Saw-Toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths, Tobacco Moths, Yellow Meal Worms, Dark Meal Worms, Grain Mites, Cadellles and Red Flour Beetles. Remove or cover exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Apply at the rate of 1 ounce of undiluted concentrate per 1000 cubic feet of space. Direct output from aerosol generator toward upper corners of room and ceiling. Leave room closed for 1/2 hour and ventilate thoroughly before re-entry. Do not apply this undiluted spray in facilities operating under USDA poultry, meat, rabbit, and egg inspection programs.

SPACE SPRAY - Diluted for Ordinary Mechanical Fogging Equipment to Kill Flies, Fruit Flies, Mosquitoes, Small Flying Moths and Gnats: Remove or cover exposed food or food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts oil or 4-1/2 ounces per gallon and mix well. Apply at the rate of 2 fluid ounces of the dilute spray per 1000 cubic feet of space. Direct fog upward towards upper corners of room and ceiling area. Leave room closed for 1/2 hour and ventilate thoroughly before re-entry.

CONTACT SPRAY - Diluted for Use with Sprayers that Give Large Wetting Spray Particles to Kill Cockroaches and Accessible Stages of Granary Insects: Granary Weevils, Rice Weevils, Confused Flour Beetles, Red Flour Beetles, Meal Moth Larvae and Adults, Cadellles, Grain Mites and Sawtoothed Grain Beetles: Remove or cover exposed food and close room as described above. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts of oil or 4-1/2 ounces per gallon and mix well.....Spray outside walls of grain bins, flooring, about base of milling machinery, walls and baseboards, areas behind cabinets, around pipes, and other insect harborages using 1 gallon spray per 1000 square feet of surface. Force spray into cracks and crevices. Repeat applications as necessary.

CONTACT AND SPACE SPRAY - Undiluted to Kill Cockroaches, Silverfish, Earwigs, Ants and Spiders in Sheltered Situations: With ULV spraying

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device, apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes, and in all places where these insects find shelter. Contact as many insects as possible. Do not allow spray to contact stored food. Use at a dosage rate of approximately 1/2 fluid ounce per 1000 cubic feet of room space. Repeat dosage as necessary for control. Leave the room closed for 1 hour. Do not remain in treated areas and ventilate the area before re-entry. Do not apply this undiluted spray in facilities operating under USDA poultry, meat, rabbit and egg products inspection programs.

SURFACE SPRAY - To insure maximum control of crawling insects (Ants, Boxelder Bugs, Clover Mites, Drugstore Beetles, Earwigs, Fleas, Lice and Spider Beetles), dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well and apply as a course wetting spray using approximately 1 gallon of spray mixture to 750 square feet of surface. Spray walls, floor and other surfaces of bins and storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Treat unloading, handling and processing areas and inside conveying processing and handling equipment. Spray thoroughly around the base of heavy machinery and equipment. Spray insects directly where possible.

For in transit protection, clean and spray truck beds, boxcars, and ship's hold before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as stacked.

To control INDIAN MEAL WORMS, and ANGOUMOIS GRAIN MOTHS in stored grain, apply to the surface of binned grain at a rate of 1 gallon per 1000 square feet. Apply at monthly intervals with the first appearance of moths and continuing until early fall. In case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks.

As an aid in control of MOSQUITOES, GNATS, WASPS AND SKIPPERS: treat walls, ceilings, mouldings, screens, door and window frames, beams, light cords and similar resting places.

DRIED FRUIT PRODUCTS in storage or being processed, for control of CONFUSED FLOUR BEETLES, DRIED FRUIT BEETLES, INDIAN MEAL MOTHS, AND SAW-TOOTHED GRAIN BEETLES: Remove and destroy infested products. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts oil or 4-1/2 ounces per gallon and mix well. Disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use one-half ounce per 1000 cubic feet of space. Repeat application at this dosage in any given month. Leave the room closed for one hour. Do not remain in treated areas and ventilate the area before re-entry. Sweep up and destroy fallen insects.

STORED FOOD: (Stored in multi-wall bags or cloth bags) in warehouses, storage rooms, flour mills, grain elevators, granaries: for control of ANGOUMOIS GRAIN MOTHS, CADELLES, CONFUSED FLOUR BEETLES, INDIAN MEAL MOTHS, MEDITERRANEAN FLOUR MOTHS, RICE WEEVILS, SAW-TOOTHED GRAIN BEETLES, YELLOW MEAL WORMS, CHEESE MITES, CHEESE SKIPPERS, CIGARETTE BEETLES, GRAIN MITES, GRANARY WEEVILS, DARK MEAL WORMS, RED FLOUR BEETLES: Remove and destroy infested products. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts oil or 4-1/2 ounces per gallon and mix well. Disperse this product first by directing spray into corners, under pallets, and around stacks of packaged foods hitting as many insects as

possible and then treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of one-half fluid ounce per 1000 cubic feet of space. Do not remain in treated areas and ventilate area before re-entry. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.

ANIMAL QUARTER USE (Cattle barns, horse barns, poultry houses, swine houses, zoos): As a space spray diluted for use in conventional mechanical fogging equipment to kill FLIES, FLEAS, MOSQUITOES, SMALL FLYING MOTHS, AND GNATS: dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at a rate of 2 fluid ounces per 1000 cubic feet of space above the animals. Direct spray towards the upper portions of the enclosure filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment when reinfestation occurs.

FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS: Dilute one part concentrate with 3 parts base oil (refined kerosene) and use with a ULV spraying device at the rate of one ounce per 1000 cubic feet of room space. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary for control of exposed or accessible stages of ROACHES, SILVERFISH, WATERBUGS, EARWIGS, ANTS, SPIDERS, FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS AND GNATS. Before using, exposed food products and packaging materials must be covered or removed. After use, equipment and utensils must be washed with an effective cleaning compound and rinse with potable water after use of the product. Use as a space spray only when plant is not in operation.

OUTDOOR GROUND APPLICATION, UNDILUTED: To control ADULT MOSQUITOES, GNATS AND SMALL FLYING MOTHS. For best results, apply when there is a light breeze of approximately 5 mph and temperature is cool (75 or less). With a ULV spraying device spray at a dosage rate of 5 ounces per minute upwind of the area to be controlled. If the equipment is truck mounted, keep the speed to approximately 5 mph with a swath width of no more than 300 feet. To control MOSQUITO LARVAE, dilute at the rate of 15 ounces per 50 gallons of oil and apply at the rate of 20 to 25 gallons per acre. Apply as a course wetting spray to the border or on shallow water of wet lands, swamps and marshes where mosquito larvae are known to breed.

TEMPORARY REDUCTION OF ANNOYANCE from FLIES, MOSQUITOES, and SMALL FLYING MOTHS OUTDOORS. The afore-mentioned application for outdoor ground application will afford temporary reduction of annoyance from these pests in public gathering places (drive-in restaurants, drive-in theatres, golf courses, municipalities, parks, playgrounds and recreational areas). Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary. In additional outdoor areas (corrals, feed lots, swine lots and zoos), cover water, drinking fountains and animal feed before use. Fill area with mist, directing application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage in zoos; avoid exposure of reptiles to the product. Repeat as necessary.

FOR USE ON ANIMALS: To protect beef and dairy cattle, horse and dogs from HORN FLIES, HOUSE FLIES, MOSQUITOES, AND GNATS, dilute 1 part of concentrate plus 29 parts oil (refined kerosene) and mix well. Apply a light mist, sufficient to wet the tips of the hair. To control STABLE FLIES, HORSE FLIES, and DEER FLIES on beef and dairy cattle and horses, apply 2 ounces per adult animal, sufficient to wet the hair but not soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection. To control the motile stages of BLOOD SUCKING LICE on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 ounces or less per animal and repeat 2 to 3 weeks as required.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbant 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: Store in original container in a cool dry place inaccessible to children and pets. Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if inhaled, swallowed or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Food should be removed or covered during treatment. All food processing surfaces should be covered during treatment or washed with an effective cleaning compound followed by a potable water rinse before use. When using the product in these areas, apply only when facility is not in operation.

Do not breathe spray mist. Wear mask or respirator of a type recommended by the U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing. Wash hands, arms and face with soap and water after handling and before eating or smoking. Wash all contaminated clothing with soap and water before reuse.

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Remove birds and pets, and cover fish aquariums before spraying.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED : Contact a physician or Poison Control Center immediately. Do not induce vomiting unless directed by a physician. Vomiting may cause aspiration pneumonia.

IF INHALED : Remove affected person to fresh air. Apply artificial respiration if indicated.

IF IN EYES : Flush eyes with plenty of water. Contact a physician if irritation persists.

IF ON SKIN : Remove contaminated clothing and wash affected areas of skin with soap and water. Contact a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewithin.

