

4887-29

GENERAL DIRECTIONS FOR USE

[4887-29]

When used according to directions, Stephenson Chemicals Fog and Mill Spray is a ready-to-use insecticide for application as a thermal fog, space spray, and surface spray in residences, institutions, public buildings, hospitals, hotels, restaurants, stores, theaters, food processing plants, bakeries, grain mills, dairies, breweries, bottling plants, warehouses, trucks and other types of situations where a pyrethrum-type insecticide is required for the control of the accessible exposed stages of flies, fruit flies, mosquitoes, silverfish, roaches, ants, crickets, gnats, spiders, wasps, hornets, small flying moths, bedbugs, clover mites, cheese mites, scorpions, granary weevils, rice weevils, grain beetle, spider beetle, Cigarette beetle, Dragstore beetle, carpet beetle, flour beetle, meal worms, grain mites, Angoumois grain moth, Mediterranean flour moth, Indian meal moth, Tobacco moth, cheese skippers, confused flour beetle, and saw-toothed grain beetle.

Read all directions and cautions before using this product. Apply only as specified on this label.

Thermal-fogging and space spraying:

Apply with equipment designed and adjusted to deliver a true aerosol mist (no droplets over 50 microns in diameter and 80% less than 30 microns). Close windows and doors and shut off ventilating systems. Extinguish all open flames and pilot lights. Apply at the rate of 2 ounces per 1,000 cu. ft. of space. Direct the spray towards the ceiling and upper corners of the area and behind obstructions. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary. When treatment is made in food-processing establishments, confine treatment to times when plant is not in operation. Foods should be removed or covered during treatment. All food-processing surfaces should be covered during treatment or thoroughly cleaned before using.

The above-described application will kill accessible exposed stages of flies, fruit flies, mosquitoes, small flying moths, gnats, hornets, clover mites, cheese mites, cheese skippers, granary weevils, rice weevils, confused flour beetles, saw-toothed grain beetles, spider beetles, Cigarette beetles, Dragstore beetles, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, Tobacco moths, meal worms, and grain mites.

Wasps: Application should be made in late evening when insects are at rest. Spray into hiding and breeding places contacting as many insects as possible.

Surface spray:

To control roaches, silverfish, crickets, spiders, clover mites, scorpions, cheese mites, cheese skippers, spider beetles — use Stephenson Chemicals Fog and Mill Spray in a good sprayer adjusted to deliver a coarse droplet and apply at the rate of 1 gallon of material to each 750 square feet of surface. Spray infested areas thoroughly and direct the liquid behind baseboards, moldings, cabinets, shelves, sinks, door and window frames, and pipes, toward drains and dark corners, and into cracks, crevices, recesses, and similar hiding places.

When treating for accessible stored product insects in homes, destroy all infested products. The shelves and doors should be cleaned, thoroughly sprayed so as to contact all pests, and covered with shelf paper after allowing shelves to dry. Any utensils that are contacted with spray should be washed before using. When this product is used in granaries, granaries, mills, elevators, and food storage situations, to kill accessible stages of those pests, it is applied liberally around and under pallets so as to directly contact the pests with spray. Repeat application as necessary.

Ants — treat shelves, cabinets, and storage areas. Spray ant runs, trails, baseboards, thresholds and other places of entry, and treat nests liberally.

Bedbugs — Apply liberally to top, ends, sides, and bottoms of mattresses. Spray thoroughly all tufts, seams and folds. Spray springs mattresses, boxsprings, and frames. Direct liquid into all cracks and lock joints. Treat walls, baseboards, moldings, floors, closets, bedroom furniture, picture frames with particular attention to protected bedbug hiding and breeding places, including all cracks and crevices about the bedroom. Adequate control can only be obtained by repeated applications and direct contact of bedbugs with the spray. Repeat applications as necessary to maintain control.

Carpet beetles — Apply to floor areas and baseboards. Spray directly into cracks, crevices, and under carpets where insects may be found. Treat both the underside and top side of infested carpets. Spray inside of trunks, closets, and infested areas of shoeing. Repeat application as necessary.

Stored grain and flour pests — Stephenson Chemicals Fog and Mill Spray is useful in mills, elevators, granaries, warehouses, food storages, and other situations for control of exposed stages of those insects listed under fog and space spray directions. Apply according to fog and space spray directions, paying particular attention to treatment of cracks and crevices in floors and walls. Repeat applications as needed.

For treatment of floors and bins — Stephenson Chemicals Fog and Mill Spray is effective against those insects listed under fog and space directions when used in a good sprayer adjusted to deliver a coarse droplet spray using approximately 1 gal. of material to each 750 sq. ft. of surface. Repeat application as needed.

In mills, elevators, and granaries — Spray floors, walls, and other surfaces of bins, storage, and handling area thoroughly with particular attention to cracks and crevices and similar protected locations. Waste grain, dust, dirt, and debris should be removed and destroyed and storage areas cleaned before spraying. Treat unloading, handling, and processing areas, and apply the insecticide to conveying, processing, and handling equipment, the inside of reel sifter, purifier conveyors, sifters, reel housings and hoppers, pick up conveyors, etc. Spray thoroughly around the base of heavy machinery and equipment.

(CONTINUED ON OTHER SIDE PANEL)

FOR USE BY THE USER

STEPHENSON

FOG and SPRAY

CAUTION: KEEP OUT OF REACH OF CHILDREN
(See Caution Label)

Active Ingredients
Piperonyl Butoxide, Technical
Pyrethrins
Petroleum Oil

Equivalent to 12% of the piperonyl butoxide, and to 0.5% of the pyrethrins.

Manufactured by
STEPHENSON CHEMICALS
COLLEGE PARK, GEORGETOWN, MD.

87-29]

4887-29

Contents gal.



FOG and MILL SPRAY

CAUTION: KEEP OUT OF REACH OF CHILDREN
(See Cautions on Side Panel)

Active Ingredients	100%
Piperonyl Butoxide, Technical**	1.5%
Pyrethrins	0.3%
Petroleum Oil	98.2%

Equivalent to 1.2% of (butylcarbityl) (6-propyl-piperonyl) ether, and to 0.3% of related compounds.

(CONTINUED FROM OTHER SIDE PANEL)

For in-transit protection and control, treat truck-beds, boxcars, and ships' holds before loading. For extended protection and control in warehouses and food products storages, treat exposed surfaces as recommended above and spray heavily cracks, crevices, recesses, hiding and breeding areas. Fully treat walls, floors, shelves, and other exposed surfaces and lightly spray each layer of cartons or containers as stacked.

Infested stored products could be fumigated or treated by other effective methods using an approved product intended for this use.

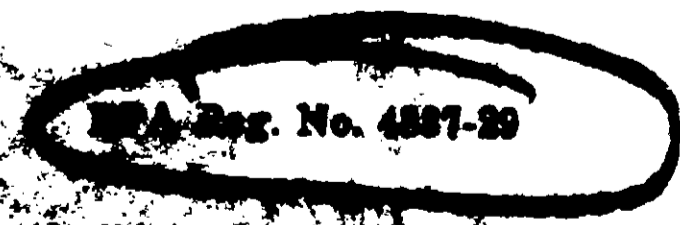
To control exposed accessible stages of Indian meal moth and Angoumois grain moth in stored grain — Apply to the surface of the binned grain at a rate of 2 gallons per 1,000 square feet (1.6 pints per 100 square feet). Apply at monthly intervals beginning with the first appearance of moths and continue until early fall. In case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks.

In barns, milking parlors, milkrooms, and dairies — To control flies, mosquitoes, and gnats, apply as a fog or fine mist, directing spray towards ceiling and upper corners until area is filled with mist, using about 2 ounces per 1,000 cu. ft. of space. For best results, close doors and windows before spraying and keep them closed for 10 to 15 minutes. Vacate the area and ventilate before reoccupying. Repeat application as necessary.

When treating for insects indoors, sweep up and destroy all fallen insects following application.

Mosquito control outdoors — To control adult mosquitoes, using ground application, apply as a fine mist or fog at the rate of 1/2 gal. per acre. Shrubbery and vegetation around stagnant pool, marshy areas, ponds, and shorelines may be treated. Application of this product to any body of water is prohibited when used as an adult mosquitoicide. Repeat as necessary, usually once or twice a week. With mobile or truck-mounted equipment, the above application rate will result if a 400 ft. swath is treated traveling at 5 miles per hour dispensing spray at a rate of 125 gallons per hour. To control mosquito larvae, dilute in oil at a rate of 1 part Fog and Mill Spray to 50 parts oil (5 parts of 15 gals.) and apply at a rate of 20-25 gals. per acre. Apply as a coarse wet spray only to the banks of shallow water of wetlands, swamps, and ponds where mosquito larvae are known to breed. Excessive use of this dosage or fish kill may result.

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CAUTION STATEMENTS

Harmful if swallowed. Avoid breathing vapors or spray mist. Avoid contact with skin.

Do not contaminate food or feedstuffs. When this product is used in food processing establishments, confine time of application to period when plant is not in operation. Food should be removed or covered during treatment. All food-processing surfaces should be covered during treatment or thoroughly cleaned before using.

In case of contact, immediately flush eyes or skin with plenty of water. Give medical attention if irritation persists.

If swallowed, do not induce vomiting. Get medical attention immediately. This product contains a petroleum distillate.

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. Wash hands, arms, and face with soap and water after handling and before eating and smoking. Wash all contaminated clothing with soap and hot water before reuse.

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

Environmental Cautions

This product is toxic to fish. Do not apply where runoff is likely to occur. Do not spray when weather conditions favor drift from areas treated.

Streams, rivers, and lakes may be killed at application rates recommended on this label. Do not apply where these are important resources.

Keep out of ditches, streams, ponds, thin water, and estuaries.

Do not contaminate water or ground with runoff or disposal of wastes.

Apply only as described on this label.

Container Disposal

Do not reuse empty containers. If spraying, perforating or crushing at a dry cleaning plant.

Notices of hazard are prominently expressed or implied concerning the use of this material other than indicated on the label. Review any potential risk of use and or handling of this material before use and or handling contrary to label instructions.

EPA Est. No. 4887-GA-1

Manufactured by
STEPHENSON CHEMICAL CO., INC.
COLLEGE PARK, GEORGIA

87-297

FOR USE BY TRAINED PERSONNEL ONLY

STEPHENSON
Chemicals

FOG and MILL SPRAY

CAUTION: KEEP OUT OF REACH OF CHILDREN
(See Cautions on Side Panel)

CONTINUED FROM OTHER SIDE PANEL

... recommended above and spray heavily cracks, crevices, pipes, doors, sills, and around windows. Fully saturate walls, floors, and other horizontal surfaces and heavily spray all vertical surfaces of containers as stacked.

Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this use.

To control exposed accessible stages of Indian meal moth and Angoumois grain moth in stored grain—

Apply to the surface of the binned grain at a rate of 2 gallons per 1,000 square feet (1.6 pints per 100 square feet). Apply at monthly intervals beginning with the first appearance of moths and continue until early fall. In case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks.

In barns, milking parlors, milkrooms, and dairies—

To control flies, mosquitoes, and gnats, apply as a fog or fine mist, directing spray towards ceiling and upper corners until area is filled with mist, using about 2 ounces per 1,000 cu. ft. of space. For best results, close doors and windows before spraying and keep them closed for 10 to 15 minutes. Vacate the area and ventilate before reoccupying. Repeat application if necessary.

When treating for insects indoors, sweep up and destroy all fallen insects following application.

Mosquito control outdoors—

To control adult mosquitoes, apply as a fine mist or fog at the rate of 2 gals. per acre. Shrubs, trees, and other areas of standing water in marshy areas, ponds, and swamps may be treated. Application of this product to any body of water is prohibited except as an adult mosquito control. Repeat application usually once or twice a week. With proper use of a properly equipped fogger, the above application rate will result in a fog which is treated throughout the area. For mosquito control, spray at a rate of 1 gallon per acre. For mosquito control, apply as a fine mist or fog at the rate of 2 gals. per acre. For mosquito control, apply as a fine mist or fog at the rate of 2 gals. per acre. For mosquito control, apply as a fine mist or fog at the rate of 2 gals. per acre.

CAUTION STATEMENTS

Avoid contact with skin. Do not contaminate food or foodstuffs. When the container is open, keep it tightly closed when pump is not in operation. Food should be removed or stored during treatment. All food storage surfaces should be covered during treatment and thoroughly cleaned before using. In case of contact, immediately flush eyes or skin with plenty of water. Give medical attention if irritation persists. If swallowed, do not induce vomiting. Seek medical attention immediately. This product contains petroleum distillate.

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 petroleum distillate. Wash hands, arms, and face with soap and water after use. Remove clothing worn during spraying.

Environmental Cautions

This product is highly flammable. Do not use near open flames or other sources of ignition. Do not use in confined spaces. Do not use in areas where it may be harmful to plants or animals. Do not use in areas where it may be harmful to fish or aquatic life. Do not use in areas where it may be harmful to birds or other wildlife. Do not use in areas where it may be harmful to bees or other beneficial insects.

Concerns

Do not use in areas where it may be harmful to humans or animals. Do not use in areas where it may be harmful to the environment. Do not use in areas where it may be harmful to the ozone layer. Do not use in areas where it may be harmful to the climate.

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EPA Est. No. 4887-GA-1