

ACCEPTED

SEP 17 1984

Under  
Fog  
as  
EPA Reg. No. 4887-29



4887-29

PM 17

1 of 2

# FOG and MILL SPRAY

Active Ingredients .....	100%
Piperonyl Butoxide, Technical** .....	1.6%
Pyrethrins .....	0.2%
Petroleum Oil .....	98.2%

\*\*Equivalent to 1.2% of (butylcarbityl) (6-propylpiperonyl) ether, and to 0.3% of related compounds.

This Product Contains \_\_\_\_\_ Lbs. of \_\_\_\_\_ Per Gallon

KEEP OUT OF REACH OF CHILDREN

## CAUTION

### STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED: Do not induce vomiting. Get medical attention immediately. This product contains a petroleum distillate.
- IF INHALED: Wear mask or respirator.
- IF ON SKIN: Flush with plenty of water. Get medical attention if irritation persists.
- IF IN EYES: Flush with water and get medical attention immediately.

See side panel for additional precautionary statements

EPA Reg. No. 4887-29

EPA Est. No. 4887-GA-1

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

(Continued from other side panel)

**Thermal fogging and space spraying:**  
Apply with equipment designed and adjusted to deliver a true aerosol mist (no droplet 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, Drugstore 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 Chemical 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 base boards, 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 warehouses, granaries, mills, elevators, and food storage situations, to kill accessible stages of those pests listed apply 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.

(Continued on back panel)

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USE FOR FOOD CONTACT SURFACES  
EPA Reg. No. 4887-29



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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, drugstore 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 Chemical 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 warehouses, granaries, mills, elevators, and food storage situations, to kill accessible stages of those pests listed apply 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.

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Continued from side panel

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 shelving. 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 conveying, handling, and processing areas, and apply the insecticide to conveying, processing, and handling equipment, the inside of reel sifter, purifier conveyors, sifters, roll housings and hoppers, pickup conveyors, etc. Spray thoroughly around the base of heavy machinery and equipment, beds, boxcars, and steel tanks before loading.

**For insect protection and control, treat truck** — For extended protection, 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 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 gal. 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 of areas infested with mist using about 2 quarts per 1,000 cu. ft. of space. For best results, close doors and windows before spraying and keep them closed for 2 to 3 hours. Ventilate 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 and stagnant pools in marshy areas, ponds, and shorelines may be treated. Application of this product to any body of water is prohibited when used as a 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. wide, 10 ft. high track is applied at 5 miles per hour. For spraying spray at a rate of 125 gallons per hour. To control mosquito larvae, drudge mud at a rate of 1 part Fog and Mill Spray to 5 parts of mud at 10 to 15 gals. per acre and apply at a rate of 20 to 25 gals. per acre. Apply as a coarse wet spray only to the borders of or in shallow water of swamps, sloughs, and other areas where mosquito larvae are known to breed. Do not exceed this dosage or fish kill may result.

### STORAGE & DISPOSAL

Keep safe water, food or feed by storage and disposal.

**PESTICIDE DISPOSAL** — Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL** — Empty container equipment clean after use, recycle or burn and dispose of in a sanitary landfill or by other means approved by State and Local Authorities.

Next on the list of insecticides is a warning expressed in the label concerning the use of it is provided other than indicated in the label. Be sure you are a user of this product, which is a warning of handling, storage, and disposal instructions.

Contents \_\_\_\_\_ gallons

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS

#### CAUTION

Harmful if swallowed. Avoid breathing vapors or spray mist. Avoid contact with skin. Do not contaminate food or feedstuffs. Food should be removed or covered during treatment. When this product is used in food processing establishments, confine time of application to period when plant is not in operation. All food processing surfaces should be covered during treatment or thoroughly cleaned before using.

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. Wash or decontaminate clothing with soap and hot water before reuse.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where there are important resources. Remove pets, birds, and cover fish aquariums before spraying.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour or spill near heat or open flame.

### DIRECTIONS FOR USE

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

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, cockroaches, crickets, ants, earwigs, gnats, spiders, wasps, hornets, small flying moths, beetbugs, fireworms, chinch bugs, scorpions, scyathid weevils, rice weevils, grain beetles, spider beetles, cigarette beetles, drugstore beetles, carpet beetles, flour beetles, meal worms, grain mites, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, European moths, house weevils, confused flour beetles, and saw-toothed grain beetles.

Read all directions and cautions before using this product. Apply only as specified on this label. (Continued on other side panel)

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EPA 700