

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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 and 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 re-use.

**FIRST AID**

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

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

**PHYSICAL OR CHEMICAL HAZARDS**

Do not store near heat or open flame.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

**DIRECTIONS FOR USE**

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

**STORAGE AND DISPOSAL**

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

**Pesticide Disposal:** Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

**Container Disposal:** Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.

**General:** Consult Federal, State or Local disposal authorities for approved alternative procedures.

**INDOOR USE AS A SPACE SPRAY UNDILUTED:** The use of this product in food processing or food handling establishments should be confined to time periods when the plants or facilities are not in operation. Foods should be removed during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using.

Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at a rate of 1/2 ounce per 1,000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. Keep the area closed for at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary. Sweep up and destroy fallen insects.

This method of application will control exposed, accessible stages of FLIES (including FRUIT FLIES), MOSQUITOES, SMALL FLYING MOTHS, 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 MEALWORMS, DARK MEALWORMS, GRAIN MITES, CADELLES AND RED FLOUR BEETLES.

**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. As noted above 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 1,000 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.



**PYRETHRIN  
CONCENTRATE #3-6-10**

**FOR USE BY TRAINED PERSONNEL ONLY**

Authorized by U. S. D. A. for use in Federally inspected meat and poultry plants.

**ACTIVE INGREDIENTS:**

Pyrethrins	3.00%
Piperonyl Butoxide, technical*	6.00%
N-Octyl bicycloheptene dicarboximide	10.00%
Petroleum Distillates	12.00%

**INERT**

Mineral Oil	21%
<b>TOTAL</b>	<b>68.79%</b>
	100.00%

\*Consists of 4.80% (butylcarbityl) (6-propylpiperonyl) Ether and 1.20% related compounds.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

EPA Reg. No. 36480-28

EPA Est. No. 36480-KS-1

**NET CONTENTS**

**GAL. ( Liters)**

Manufactured by.



**MID AMERICA CHEMICAL CO., INC.**  
402 South Fifth Street  
Leavenworth, Kansas 66048

Concentrate #3610	
ANGOUMOIS GRAIN MOTHS	HORNFLIES
ANTS	HORNETS
BOXELDER BUGS	HORSE FLIES
CADELLES	HOUSE FLIES
CHEESE MITES	INDIAN MEAL MOTHS
CHEESE SKIPPERS	LICE
CIGARETTE BEETLES	MEDITERRANEAN FLOUR MOTHS
CLOVER MITES	MOSQUITOES
CONFUSED FLOUR BEETLES	MUSHROOM FLIES
DARK MEALWORMS	RED FLOUR BEETLES
DEER FLIES	RICE WEEVILS
DRIED FRUIT BEETLES	SAW-TOOTHED GRAIN BEETLES
DRUGSTORE BEETLES	SMALL FLYING MOTHS
EARWIGS	SPIDER BEETLES
FRUIT FLIES (DROSOPHILA)	STABLE FLIES
FUNGUS GNATS	TOBACCO MOTHS
GNATS	WASS
GRAIN MITES	WASPS
GRANARY WEEVILS	YELLOW MEALWORMS

**Directions for use (Continued)**

**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 MEALWORMS, CHEESE MITES, CHEESE SKIPPERS, CIGARETTE BEETLES, GRAIN MITES, GRANARY WEEVILS, DARK MEALWORMS, RED FLOUR BEETLES. Remove and destroy infested products. As noted above, 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 1,000 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.

**INDOOR USE AS A SPACE SPRAY, DILUTED:** For use in conventional mechanical fogging equipment to kill FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS, AND GNATS: Cover or remove exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating system equipment. Dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at the rate of 1 to 2 fluid ounces per 1,000 cubic feet 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.

**SURFACE SPRAY:** To insure maximum control of crawling insects (ANTS, BOXELDER BUGS, CLOVER MITES, DRUGSTORE BEETLES, EARWIGS, LICE, SPIDER BEETLES), dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well and apply as a coarse 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 when 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 MOTHS, and ANGOUMOIS GRAIN MOTHS in stored grain, apply to the surface of binned grain at a rate of 1 gallon per 1,000 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 from walls, ceilings, moldings, screens, door and window frames, beams, light cords and similar nesting places.

**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, MOSQUITOES, SMALL FLYING MOTHS, AND GNATS, dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at the rate of 2 fluid ounces per 1,000 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.

**IN MUSHROOM PRODUCTION AND PROCESSING:** To control MUSHROOM FLIES or FUNGUS GNATS in growing houses, dilute one part of concentrate plus 29 parts Methylene Chloride and mix well and apply at a rate of 1 ounce per 1,000 cubic feet of space. Fogger should be operated 8 to 10 feet away from beds and should be directed slightly upward over them. Circulating fans should be left in operation, but for best results, refrigeration should be turned off. In packaging and canning plants, use at a rate of one-half ounce per 1,000 feet of space.

**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 1,000 cubic feet of room space. Apply the spray into all cracks and crevices in wood work, 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, FF FLIES, MOSQUITOES, SMALL FLYING MOTHS AND GNATS. Before using, exposed food products and packaging materials must be covered or removed. After use, equipment utensils must be thoroughly rinsed with potable water before operations are resumed. 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 up-wind 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 coarse 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 above-mentioned application for outdoor ground application will afford temporary reduction of annoyance from these pests in public gathering places (diners, restaurants, drive-in theaters, 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, horses 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 to soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection.

To control the motile stage 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 every 2 or 3 weeks as required.