



# PYSTOL<sup>®</sup> Farm & Dairy Aerosol

Kills & Repels House Flies, Stable Flies, Fruit Flies, Horn Flies, Mosquitoes, Gnats and Fleas. For Indoor and Outdoor Areas as Listed. For use on or around livestock and livestock housing.

For use in non-food areas of Food handling establishments.

## FOR USE IN AND AROUND OUTSIDE PERIMETER:

Beef Cattle Operations, Campgrounds, Catteries, Dairy Farms (including Milk Houses, Milk Parlors, Lathering Sheds and Holding Lots), Hog Operations, Homes, Horse Barns and Stables, Kennels, Poultry Operations, Utilities, and the non-Food/Feed Areas of Food Storage Areas.

**FOR USE ON:** Beef Cattle, Dairy Cattle, Horses, Hogs, Poultry, and other listed livestock.

## ACTIVE INGREDIENTS:

Pyrethrins, a botanical insecticide .....	0.25%
Permethrin** .....	0.25%
Piperonyl Butoxide** .....	2.00%

## OTHER INGREDIENTS :

.....	97.50%
<b>TOTAL:</b> .....	<b>100.00%</b>

\* Contains petroleum distillate. (C10-hydrocarbon) methyl (r)-2-cyano-3,4,2-dichloroethoxy(10,2-dimethylcyclopropane carboxylate) cis/trans ratio, Min. 35% (r-r) cis and Max. 65% (r-r) trans. \*\* (Glycidylcarbonyl(6-propylpiperonyl) ether) and related compound

EPA Reg. No: 53883-403 EPA Est. No: 11623-GA-1 (SMYRNA GA), 33595-MO-4 (PACIFIC)

## KILLS:



Fleas



Flies



Lice



Mosquitoes

And More

# KEEP OUT OF REACH OF CHILDREN CAUTION

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area.

## PHYSICAL OR CHEMICAL HAZARDS

**FLAMMABLE.** Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

## DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. Read entire label before each use. Apply this product only as specified on this label. USE RESTRICTIONS: DO NOT TREAT COMPANION ANIMALS SUCH AS DOGS, CATS, PUPPIES OR KITTENS WITH THIS PRODUCT. Do not apply more than 1 time per day. \*Product should only be used when can temperature is above 60°F. If can temperature is below 60°F, store at room temperature until a temperature above 60°F is reached. Do not apply this product in a way that will contact adults, children or pets, either directly or through drift. \*Only protected handlers may be in the treatment area during application. \*For Space Sprays: Do not enter or allow others to enter the treated area until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated. Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed. \*Remove pets, birds, cover fish aquariums and turn off air pump motor before application. \*Use only with the supplied actuator and injection tubes or other application equipment approved by the registrant. \*Do not spray on plastic, painted, or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc. \*Do not use in food areas of food handling establishments, restaurants or other areas where food is commonly prepared or processed. Do not use in serving areas where food is exposed or facility is in operation. Service areas are areas where prepared foods are served, such as dining rooms, but exclude areas where foods may be prepared or held. Do not make space spray applications when facility is in operation. \*In the home, do not apply when exposed food is present. Cover or remove all exposed food in the treatment area. Cover all food preparation surfaces and utensils, in the treatment area, or wash thoroughly before use. \*Do not use in greenhouses where plants are grown for food. \*Do not use in animal cabins. Use only in cargo areas. \*Remove animals prior to treatment for indoor space treatments in livestock housing. \*Except when applying to livestock (domestic animals), do not enter or allow others to enter until sprays have dried. \*When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking. \*Remove poultry before treating poultry houses. \*Do not apply the product in hospital rooms, waiting rooms or in any rooms occupied by the elderly or infirm. Remove patients from room prior to treatment and thoroughly ventilate (2 hr) after application. Do not return patients to room until after ventilation. \*Do not use in patient rooms in hospitals and nursing homes for treatment of bed bugs. \*Do not apply to classrooms when in use. \*Do not make outdoor applications during rain. \*Do not water treated areas outdoors to the point of runoff. All outdoor applications must be limited to spot or crack and crevice treatments only, except for the following permitted uses: \*Treatment to soil or vegetation adjacent to structures. \*Applications to building foundations, up to a maximum height of 3 ft. \*Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, door and eaves) are limited to spot and crack and crevice applications only. \*Not for broadcast use on indoor residential surfaces. \*Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies or aquatic habitats can occur. Do not allow the product to enter any drain during or after application.

**APPLICATION INSTRUCTIONS**  
Apply according to specific directions for pest(s) to be treated. **CRACK AND CREVICE APPLICATION:** Inject this product into cracks and crevices or void spaces in which insects are harbored, living and breeding. Place injector tip into cracks, crevices, holes and other small openings. Apply product for 1 sec. For light infestations, move injector tip along cracks while treating at the rate of 3 ft/sec. For heavy infestations, move injector tip along at 1 ft/sec. For treatment of inaccessible voids (including wall and equipment voids), calculate the void's cubic area and treat at the rate of 3 - 5 sec/ft<sup>3</sup>. Several holes may be required in long-running voids. **DIRECT SPRAY:** Apply the product as a spot treatment, in short bursts into the area where insects are found such as corners of the room, behind and under furniture or curtains. Apply from a distance of 36 inches from the surface. The amount of product to be applied must not exceed 10 seconds per room for residential areas and 1 second per 2' x 2' for commercial areas. **SPACE SPRAY:** Open cabinets and closets in area to be treated. Turn off air conditioners, fans, close doors and windows before treating. Calculate the cubic footage of the area to be treated and apply as follows: **Flying insects:** Apply at the rate of 1 to 3 seconds per 1,000 cubic feet. **Crawling insects:** Apply at the rate of 20 seconds per 1,000 cubic feet. **For most effective results, apply the product at the greatest insect infestations. Disperse in all locations contacting as many insects as possible. Keep area closed for 15 minutes. Open and thoroughly ventilate before reoccupying. For Treatment of Inaccessible Voids (such as false ceilings, wall and equipment voids):** Calculate the volume of the void (in cubic feet) and treat at the prescribed rate for the pest(s) to be treated. Several holes may be required in long-running voids. **FOR USE ON AND AROUND LIVESTOCK AND LIVESTOCK HOUSING:** **Dairy Barns and Poultry Houses:** Apply to stalls, stalls, milk parlors, milk rooms, beef cattle barns, horse & stable barns, hog barns, and poultry houses. Use to combat Fleas, Gnats, Horn Flies, House Flies, Lice, Mosquitoes, Small Flying Moths, Stable Flies and Ticks. **REMOVE LIVESTOCK BEFORE APPLYING AS A SPACE SPRAY:** **Dairy Farms (Milk House, Milking Parlors and Milk Rooms):** Close all windows and doors. Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. **Direct spray upward, and in all directions at a rate of 1 - 3 sec/1,000 ft<sup>3</sup>. Keep room closed for 15 min following application. Wash teats of animals before milking. **DOMESTIC ANIMAL USE-Not for commercial sale (Cattle, Hogs, Horses, Ponies. Do not spray sick animals):** Thoroughly spray entire animal, from a distance of approx. 2 ft, as it is being released to pasture. Do not spray directly toward animal's face or eyes. Spot treat withers, shoulders and back where saliva accumulates from head tossing. Use 2-4 sec/animal. **STANCHION BARN USE:** Walk behind animals and direct spray over backs allowing 1 second. For most effective results, apply each morning. **BEEF CATTLE OPERATIONS:** In barns, close all windows and doors. Spray at the rate of 1 - 2 sec/1,000 ft<sup>3</sup>. Keep area closed for 15 min following application. If area cannot be closed, double the dosage. **HORSE BARN AND STABLES:** Close all windows and doors. Spray at a rate of 1 - 2 sec/1,000 ft<sup>3</sup>. Keep area closed for 15 min following application. If area cannot be closed, double the dosage. **POLITRY OPERATIONS:** Use only in empty poultry houses (when birds are not present). Close all windows and doors. Spray at the rate of 1 - 2 sec/1,000 ft<sup>3</sup>. Keep area closed for 15 min following application. Thoroughly ventilate before reintroducing the birds to the treated area. If area cannot be closed, double the dosage. **HOG OPERATIONS:** In hog houses, close all windows**

and doors. Spray at the rate of 1 - 2 sec/1,000 ft<sup>3</sup>. Keep area closed for 15 min following application. If area cannot be closed, double the dosage. For animal application, direct spray over backs and spray for 1 - 2 sec/hog. Do not spray directly toward animal's face or eyes. Do not spray sick animals. Do not ship animals for slaughter within 5 days of last application.

## INDOOR AND OUTDOOR USE

**MUD DAUBER AND WASP NESTS:** Spray directly on insects and their nests from a distance of approx. 18" Disperse into hiding and breeding places, contacting as many insects as possible.

**KENNELS:** For open construction (fences only), spray toward fly resting sites. For closed kennels (boarded or enclosed), remove animals prior to application; turn off air conditioner, close all doors and windows, and spray at rate of 1 - 2 sec/1,000 ft<sup>3</sup>. Thoroughly ventilate before returning animals. Do not use this product on companion animals/pets (including cats and dogs).

**OUTDOOR USE:** For campground applications, remove or cover all exposed food and cooking utensils. Cover all food handling surfaces or wash thoroughly after treatment and before use. Do not use on edible crops. **FLIES, GNATS AND MOSQUITOES-GROUND APPLICATION:** Treat landscapes and open areas around residence, outer buildings and in campgrounds. Apply at a rate of 15 - 35 sec/1,000 ft<sup>3</sup>. Apply in wide swaths across the area to be treated. Allow treatment to penetrate dense foliage. Best results are obtained when wind speed is ≤ 5 mph. **BEES, CLOVER MITES CLUSTER FLIES, FLIES, MUD DAUBERS AND WASPS:** Apply directly on insects and their nests from approx. 18". Disperse into hiding and breeding places (voids) contacting as many insects as possible.

**INDOOR USE:** Apply this product as a crack and crevice treatment, space spray and/or direct spray. Apply according to the Application Instructions unless otherwise instructed below. **CLUSTER FLIES, CLOVER MITES, FLIES, FRUIT FLIES, GNATS, HOUSE FLIES, MOSQUITOES, SMALL FLYING MOTHS AND STABLE FLIES, WASPS AND BEES:** Perform a spot, space or void treatment in infested areas. **INSIDE STRUCTURAL VOIDS:** Locate all insect entrances and close all but one opening. Apply product through that opening. **ANTS, BOOKLICE, CLOVER MITES, COCKROACHES, CRICKETS, MILLIPEDES, SILVERFISH, SOBBUGS AND SPIDERS:** Treat harborage areas such as behind baseboards, sinks, cabinets, meter boxes, door frames, corners of rooms and windows. Open and thoroughly ventilate the treated area before reoccupying. **BED BUGS:** Take bed apart. Treat joints and channels if hollow, such as square or round tubing, and see that the interior framework is treated. Treat mattress seams, especially along folds and edges. Cover mattresses with clean bedding before use. When bed bugs are found in upholstered furniture, apply only to the infested tufts, seams, folds and edges and underneath all areas, but do not apply to flat surfaces where human contact will occur. Apply as a crack and crevice treatment to all baseboards, moldings, beneath floor coverings and carpets, closets, shelves, curtains, furniture and picture frames. Direct spray into areas where bed bugs harbor. Do not use in patient rooms in hospitals and nursing homes for treatment of bed bugs. If apply under beds, as necessary, until infestation is eliminated. **CARPET BEETLES (in Residences):** Hold product 36" above floor and direct spray toward floor and lower walls, where carpet beetles might be found. Treating, in short bursts, at the rate of no more than 1 second per 2' x 2' area. Also apply to cracks and crevices near the source of the infestation. **FLEAS (in Buildings):** Hold container 36" above floor and direct spray, in short bursts, toward floor and lower walls at the rate of no more than 1 second per 2' x 2' area. Ensure that the underneath and lower surfaces of furniture are contacted. Keep area closed for 15 min. Open and thoroughly ventilate before reoccupying. Repeat treatment after 7 days if necessary. **TICKS:** Hold container 36" above the floor and direct spray, in short bursts, toward pet beds and resting quarters, treating at the rate of no more than 1 second per 2' x 2' area. \*Apply as a crack and crevice treatment into adjacent cracks and crevices such as behind baseboards and edges of carpet and floor covers. Treat higher cracks such as upper door jams and window framing, behind pictures and other areas where females may crawl to lay eggs.

## FOOD HANDLING ESTABLISHMENTS

Use this product only in the non-food/feeds areas of food handling establishments. Food handling establishments are places other than private residences in which food is held, processed, prepared or served.

**FOOD AREAS:** Include areas for receiving, serving, storing (dry, cold, frozen, raw), packing (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups).

**NON-FOOD AREAS:** Include areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling).

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, dry (preferably locked) area away from heat or open flame that is inaccessible to children and pets.

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

**CONTAINER HANDLING:** Do not puncture or incinerate! If empty, Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

**LIMITATION OF WARRANTY AND LIABILITY** Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY. CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inefficacy, loss of life or other consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer. **DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the information on this label. To the extent consistent with applicable law, Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid for Control Solutions, Inc. election, the replacement of product.

**FIRST AID: IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Do not give ANY liquid to the person. Do not induce vomiting unless told to do so by a poison control center or physician. Do not give anything by mouth to an unconscious person. **IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. **IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this product, you may contact SafetyCall International at (866) 897-8050 for emergency medical treatment information. **NOTE TO PHYSICIAN:** Contains petroleum distillate - vomiting may cause aspiration pneumonia.

## PRECAUTIONARY STATEMENTS / HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes and gloves. Remove and wash contaminated clothing before wear. **Personal Protective Equipment (PPE):** Applicators and other handlers must wear the following: Long-sleeved shirt, long pants, socks and shoes, and chemical-resistant gloves. Materials that are chemical-resistant to this product are: Barrier Laminate, Nitrile Rubber ≥ 14 mils, Neoprene Rubber ≥ 14 mils, and Viton.

In addition to the above PPE, applicators fogging this product (applying as a space spray) in an enclosed area must wear a half-face (with goggles), full-face, or hood-style NIOSH-approved respirator with a NIOSH approved particulate filter with any R or P filter with NIOSH approval number prefix TC-84A, or a NIOSH approved canister for pesticides with NIOSH approval number prefix TC-14G, or a NIOSH approved power air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C.

**User Safety Requirements:** Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**User Safety Recommendations:** Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. \*Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. Under some conditions, it may also have a potential for transport into surface water in runoff (primarily adsorbed to suspended soil particles), for several months or more after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas and areas overlying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-lying tile drainage systems that drain to surface waters.

Manufactured for:  
**Control Solutions Inc.**  
5903 Genoa-Red Bluff Road  
Pasadena, Texas 77007

NET WEIGHT:  
**20 OZ.**

