PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

WARNING: Causes eye irritation, Do not get in eyes. Avoid contact with skin or clothing. Harmful if swallowed, Avoid breathing vapor. Wash thoroughly after handling. For space spraying indoors wear NIOSH or MSHA approved respiratory protection device. Do not allow people or pets to enter treated areas until spray mist or fog has dissipated and treated surfaces are dry.

FIRST AID

IF SWALLOWED - Call a Poison Control Center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

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 mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment.

You may also call 1-800-858-7378 for emergency medical treatment advice. NOTE TO PHYSICIAN: Solvent presents aspiration hazard. Gastric Lavage is indicated if taken internally.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish, Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label. BEE WARNING: This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow drift when bees are actively visiting the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL and CHEMICAL HAZARDS

Do not use or store near heat or open flame. Flashpoint minimum of 105°F (41°C)

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

STORAGE: Store this product in its original container in a dry, cool, secured area out of reach of children. Do not contaminate water, foodstuffs, feed, or seed by storage or disposal.

PESTICIDE DISPOSAL: As a responsible environmental practice, where possible, it is recommended that all of the contents of the container be used, carefully following label directions and precautions. Pesticide wastes are toxic. Improper disposal of excess pesticide, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use, according to label instructions, they must be disposed of at, or by, an Approved Waste Disposal Facility, or contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

IF EMPTY: Do not reuse this container. Place in trash or offer for recycling if available.

IF PARTLY FILLED: Call your local waste agency or 1-800 CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain. SPILL: In case of spill, absorb liquid with absorbent material such as soil or clay etc. Place absorbed spill in a labeled container and dispose of according to PESTICIDE DISPOSAL directions above. (07-24-03)

CHEM-tox™

PERMA-TOX

INSECTICIDE

Recommended for use by Commercial Applicators

AN INSECTICIDE OFFERING: SPACE CONTROL OF FLYING INSECTS.

RESIDUAL KILL OF CRAWLING INSECTS FOR UP TO 4 WEEKS.

KEEP OUT OF REACH OF CHILDREN

WARNING

STOP: Read Label Before Use

See side panels for additional Precautionary Statements.

ACTIVE INGREDIENT:

*Permethrin CAS[52645-53-1] - - - - -	13.30%
OTHER INGREDIENTS**: - - - -	86.70%
Total	100.00%

*Cis/trans isomers ratio: min. 55%(±)cis and max. 45%(±)trans.

**Contains Petroleum Distillate

EPA REG. NO. 45385-69 EPA EST. NO. 36--OH-01

Net Contents: 1 Gallon / 3.785 Liters

Order Code 0-312

CENOL
INCORPORATED
P.O. Box 472
Twinsburg, OH 44087

WARRANTY STATEMENT Our recommendation for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damages, resulting from its misuse as such, or in combination with other materials.

DIRECTIONS FOR USE (Continued)

FOR USE IN NON-FOOD AREAS INDOORS AND OUTSIDE PREMISES OF MOTELS, HOMES, PRESCHOOLS, DAY CAMPS, HOME GREENHOUSES, SEED STORAGE HOUSES, FOOD HANDLING ESTABLISHMENTS, PACKAGING AND PROCESSING PLANTS, COMMERCIAL, INDUSTRIAL, OFFICES, INSTITUTIONAL AND STORAGE BUILDINGS, DAIRIES, MILK STORAGE ROOMS, EGG PROCESSING PLANTS, SUPERMARKETS, RESTAURANTS, BOTTLING PLANTS, CANNERIES, FLOUR AND FEED MILLS, BAKERIES, AND HOSPITALS. IN HOSPITALS, PATIENTS SHOULD BE REMOVED PRIOR TO TREATMENT. ALSO FOR USE IN DOG KENNELS AND HORSE STABLES. IN HORSE STABLES; NOT FOR APPLICATION IF HORSES WILL BE USED FOR FOOD.

Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms, but excluding areas where foods may be prepared or held.

Nonfood areas are 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 (after canning or bottling). One gallon of finished spray is sufficient to treat 1580 linear feet (482 m) with a 6 inch (15.2 cm) spray band. For contact and residual sprays, mix PERMA-TOX with water in the following manner:

FINISHED SPRAY	CHEM-TOX PERMA-TOX
0.25%	2-2/3 oz. or 79 ml in 1 Gal. or 3.79 L Water
0.25%	2/3 oz. or 20 ml in 1 Quart or 0.95 L Water
0.50%	5-1/2 oz. or 163 ml in 1 Gal. or 3.79 L Water
0.50%	1-1/3 oz. or 39 ml in 1 Quart or 0.95 L Water

INDOOR PEST CONTROL

RESIDUAL SPRAY and contact control of cockroaches (waterbugs), crickets, silverfish, (firebrats), clover mites, millipedes, centipedes, earwigs, sowbugs (pillbugs), spiders, brown dog ticks, lone star ticks, ants, fire ants, clothes moths, carpet beetles, fleas, boxelder bugs, scorpions, spider beetle, bed bugs, grasshoppers, house flies, mosquitoes, gnats, fruit flies, cluster flies, flying moths, confused flour beetles, saw-toothed grain beetles, shiny spider beetles, grain mites, red flour beetles, Angoumois grain moths, grain weevils, Indian meal moths, Mediterranean flour moths, lesser grain borers, cigarette beetles, drug store beetles, chocolate moths.

Spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators, baseboards and storage areas. Spray directly on insects where possible.

FOR BED BUGS: Apply as a spot treatment to cracks and crevices, around baseboards, floorboards, bedboards and walls. First thoroughly clean and air mattresses and springs. Then spot treat only areas that may harbor bedbugs, concentrating on tufts, folds and seams. Allow all treated articles to dry thoroughly before use.

GRAIN INSECTS: To control confused flour beetles, saw-toothed grain beetles, spider beetles, shiny spider beetles, grain mites, red flour beetles, Angoumois grain moth, grain weevil, Indian meal moth, Mediterranean flour moths, lesser grain borer, cigarette beetles, drug store beetles, chocolate moths, carpet beetles - remove infested grain, cereal or flour and destroy. Avoid contamination of other food and foodstuffs in the area by removing before spraying. Spray directly on exposed stages and into crack and crevices where grain insects may be hiding. In homes, dispose of all infested products. The shelves and drawers should be cleaned and 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. Repeat as necessary.

SPIDERS: Spray directly on these pests and use repeated applications to the webbing and all cracks and crevices which harbor spiders.

ANTS (including FIRE ANTS): To kill ants, spray trails, nests and points of entry within buildings and houses. Spray directly on ants where possible. Repeat as necessary.

WASPS, HORNETS, YELLOW JACKETS, BEES: Application should be made in the late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible.

FLEAS, BROWN DOG TICKS and LONE STAR TICKS: On DOGS, CATS and PREMISES: Lightly spray mist animals along back under forelege on other areas, except scrotum and anus. Part hair to contact skin and insure good coverage. Hold sprayer 2 foot (30 cm) away while spraying. Apply until hair is thoroughly moist. Do not spray directly in eyes mouth or nose on animals. To prevent reinfestations, thoroughly spray the animal bedding and other resting areas until the surface is slightly moist contacting as many insects as possible. Treat the floor areas, cracks and crevices in the floor and along baseboards at the rate of 2 seconds per linear foot (30 cm) at a distance of 12 to 18 ft.~ (30-45 cm). Also spray the entire surface of dog houses.

INDOOR PEST CONTROL (Continued)

CARPET BEETLES AND CLOTHES MOTHS: To treat carpets - hold container 14 - 18 inches (36 - 46 cm) from carpet. Apply spray evenly, covering the entire surface until slightly moist. Spray underside of carpet when possible. Avoid wetting or soaking. To treat garments, blankets, carpets and other fabrics before storage: Dry clean or wash before and after storage. Apply spray evenly, covering the material on both sides until slightly moist. For best results, place treated materials in plastic bags after drying, and store in dark place. Also spray floor and baseboards, closets, cracks, crevices, infested areas of shelving or wherever these insects are seen or suspected.

SPACE SPRAY: FOR HOUSE FLIES, MOSQUITOES, CLUSTER FLIES, GNATS, FRUIT FLIES and FLYING MOTHS: Close off all doors and windows. Cover or remove all food, food utensils, cover furniture or bedding. Point sprayer upward. Direct spray mist to all parts of the room especially windows and other light sources which may attract these insects. Fill the room with mist then leave the treated area. Keep the room closed for at least 15 minutes. Ventilate the area when treatment is completed.

OUTDOOR PEST CONTROL

PESTS ON OUTSIDE SURFACES OF BUILDINGS: Use this product to control ants, clover mites, crickets earwigs, millipedes, and sowbugs (pillbugs) on outside surfaces of buildings. To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3, ft (0.5 to 1 m), where pests are active and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps, and other areas where these pests congregate or have been seen. Repeat treatments as needed.

ANTS, LONE STAR TICKS, CRICKETS, FLEAS AND EARWIGS: For treatment of localized infestations of these insects in outdoor areas where there are weeds or brushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application as infestation warrants and as reinfestation occurs.

HORNETS, YELLOW JACKETS, BEES: Application should be made in late evening when insects are at rest. Also spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible.

TO CONTROL FIRE ANTS: Dilute 2 tablespoons (30 ml) of this product in 1 gal. (3.79 L) of water. Apply 1 gal (3.79 L) of solution as a gentle rain to each Fire Ant mound using a sprinkler can. Thoroughly wet the mound and surrounding area to a 4 foot diameter (1.22 m). For best results, apply in cool weather. 65-80oF 91]18.51-27oC), or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity, and treat all colonies which may not as yet have constructed a mound. Larger quantities of solution can be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gal (3.79 L) per mound is still required. Do not use equipment that produces a pressurized spray as pressurized sprays may disturb Fire Ants and cause migration, reducing effectiveness.

SPACE SPRAY: FOR HOUSE FLIES, MOSQUITOES, BITING FLIES, CLUSTER FLIES, GNATS, FLYING MOTHS: For outdoor use as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages, and other places where these insects alight or congregate. Repeat as necessary.

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08/21/2003

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TO: MS LINDA DeLOUISE
PM-13 - REVIEWER

ACCEPTED ...:00 PM

AUG 21 2003

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 45385-69

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