

MATERIAL SAFETY DATA SHEET 000377

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME Terminix International, Inc.		EMERGENCY TELEPHONE NO. 800-238-9254 OR 800-424-9300 (CHEMTREC)
ADDRESS (Number, Street, State, and ZIP Code) P.O. Box 17167, Memphis, TN 38187 or 855 Ridgeland Blvd., Memphis, TN 38119		
CHEMICAL NAME AND SYNONYMS cyano (3-phenoxyphenyl) methyl 4-chloro-alpha-(1-methylethyl) benzoacetate		TRADE NAME AND SYNONYMS PYRID tm
CHEMICAL FAMILY Pyrethroids	FORMULA C ₂₅ H ₂₂ ClNO ₃	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST	NA		ALLOYS	NA	
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NA					

SECTION III - PHYSICAL DATA

BOILING POINT (°F)		SPECIFIC GRAVITY (H ₂ O=1)	.862
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR =1)		EVAPORATION RATE (_____ =1)	
SOLUBILITY IN WATER	Emulsifiable		
APPEARANCE AND ODOR	Solvent Odor, Liquid		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (Method Used)	94° F TCC	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	Treat as any oil fire. Dry foam or CO2			
SPECIAL FIRE FIGHTING PROCEDURES	Use self contained breathing apparatus.			
UNUSUAL FIRE AND EXPLOSION HAZARDS Toxic and Irritant gasses may be generated.				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None established

EFFECTS OF OVEREXPOSURE

Nervous system disorders and vomiting

EMERGENCY AND FIRST AID PROCEDURES If in eyes: Hold eyelids open and flush with a steady gentle stream of water for 15 minutes. Get medical attention if irritation persists. If on skin: Wash skin with soap and warm water. Get medical attention if irritation persists. If swallowed: Call a physician or Poison Control Center. Do not induce vomiting because of aspiration hazard. Drink promptly a large quantity of milk, egg whites, gelatin solution or large quantities of water.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Strong bases and acids

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Soak up on absorbent material and dispose of as below. Wash area of spillage with strong caustic solution.

WASTE DISPOSAL METHOD

Pesticide disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or Local procedures. Container disposal: Do not reuse empty container. Wrap empty container in several layers of newspaper and discard in trash.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

X

OTHER

PROTECTIVE GLOVES

Natural Rubber

EYE PROTECTION

Goggles

OTHER PROTECTIVE EQUIPMENT

Work clothing

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a warm dry place. Keep container closed.

OTHER PRECAUTIONS

PYRID

RESIDUAL INSECTICIDE CONCENTRATE

CONTROLS NUMEROUS PESTS IN AND AROUND STRUCTURES

ACTIVE INGREDIENTS

Chlorpyrifos (99% pure) methyl
chlorpyrifos (1% impurities)
7.12%
7.12%
100.00%

INERT INGREDIENTS

7.12%
7.12%
100.00%

1. Licensed under U.S. Patent No. 4,082,944 to Tennessee Chemical Company
2. Do not use on food or feed. Do not use on ornamentals or lawns.
3. Do not use on lawns or ornamentals if rain is expected within 24 hours of application.
4. Do not use on lawns or ornamentals if rain is expected within 24 hours of application.

EPA Reg. No. 102-1152-102 EPA Est. No. 11719-TN-1

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention if irritation persists.

If on skin or clothing: Remove contaminated clothing. Wash skin with soap and warm water. Get medical attention if irritation persists.

If swallowed: Call a physician or Poison Control Center. Do not induce vomiting because of aspiration hazard and probability of mucosal damage. Drink promptly a large quantity of milk, egg whites, gelatin solution or large quantities of water.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Corrosive. May be irritating to skin, eyes, nose and throat. Causes eye damage. Do not get in eyes or on skin, or on clothing. Wear protective clothing, rubber gloves and goggles while mixing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Harmful if swallowed. Contains petroleum distillate. Do not induce vomiting because of aspiration hazard and probability of mucosal damage. Avoid breathing vapors. Do not apply directly to food. Cover or remove all food and food processing equipment during application. After spraying in meat packing plants, bakeries, and other food processing plants, wash with an effective cleaning compound and then rinse with potable water all equipment, benches, shelving, etc., where exposed food will be handled. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Cover exposed food. Do not spray plants used for food or feed.

Remove pets, birds and cover fish aquariums before spraying. Do not permit humans or pets to contact treated surfaces until the spray has dried.

Environmental Hazards

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

Physical or Chemical Hazards
Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

Storage: Store in a warm, dry place. Keep container closed.

Pesticide Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or Local procedures.

Container Disposal: Do not reuse empty container. Wrap empty container in several layers of newspaper and discard in trash.

Directions For Use

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

Do not tank mix this product with dichlorvos (DDVP)-containing products. It can be mixed with methoprene or pyrethrin-containing products.

Shake Well Before Use

For Indoor Pests

General: Use PYRID[®] Residual Insecticide Concentrate to control the pests indicated in the listed areas by mixing either two (2) or four (4) fluid ounces of concentrate in one (1) gallon of water or oil and mix thoroughly before use. For initial clean out or heavy infestations use four (4) ounces of concentrate per gallon of spray; for maintenance control or light infestations use two (2) ounces of concentrate per gallon. When using oil as the diluent, an odorless light petroleum hydrocarbon as defined by CFR Title 21, Sec. 121.1182, 121.2594, 121.2597 should be used for all food area and food related applications. For all applications use these sprays at the rate of one (1) gallon (diluted spray) per 1,000 square feet of surface area.

Application Within Food and Non-Food Areas of Food Service and Handling Establishments (Places Other Than Private Residences) Including, But Not Limited to: Restaurants, Grocery Stores, Bakeries, Food Manufacturing and Processing Establishments, and Food Warehousing Establishments.

As a Surface Spray to Kill the Accessible Stages of Granary Insects: Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Saw-Toothed Grain Beetles, Cigarette Beetles, Meal Moth Larvae and Adults, Cigarette Beetles, Drug Store Beetles, and Granary Weevils: Apply as a coarse, wet spray to surfaces where these pests are normally found, such as floors, baseboards, around walls, benches, and pieces of equipment. Use a dosage of one (1) gallon of spray per 1,000 square feet. Pay particular attention to cracks, crevices, and similar protected locations in floors and walls. Spray thoroughly around and into floor drains, non-food conveyors, and other areas where granary insects may be found. Do not apply when food processing facility is in operation or foods are exposed. Do not apply this spray to surfaces or utensils that may

come into contact with food; excessive residues in food may result.

To Kill Cockroaches, Silverfish, Waterbugs, Ants, Crickets, Sowbugs, Spiders and Centipedes in Sheltered Situations: Apply this spray with a sprayer that produces coarse, wetting droplets into all cracks and crevices in woodwork, floors, underneath sinks, areas behind pipes, and in all places where these insects shelter. Use a dosage of one (1) gallon of spray per 1,000 square feet. Contact as many insects as possible with direct spray. Repeat applications as needed, but do not exceed more than one application every seven (7) days in restaurants and similar food service establishments or more than one application every fourteen (14) days in other types of food handling establishments.

For Premise Pests

Application Within Residential Buildings Including Homes, Apartment Buildings and Kitchens, and Non-Food Areas of Industrial, Institutional, and Commercial Buildings, Such as Hospitals, Hotels, Warehouses, Theaters, Office Buildings, and Schools.

General: Apply as a coarse wet spray to thoroughly treat hiding places, such as cracks, crevices, and moist areas around pipes, under refrigerators and along baseboards to control pests listed below. Use at the rate of one (1) gallon of spray mixture per 1,000 square feet. Spray directly on insects when possible. Do not permit humans or pets to contact treated surfaces until the spray has dried. Repeat as necessary.

To Kill Cockroaches, Crickets, Ants, Silverfish, Spiders, Sowbugs, Centipedes and Carpet Beetles: Spray areas where these pests are found or may hide, including dark corners of rooms and closets; cracks and crevices in walls; along baseboards and door and window frames; behind and beneath sinks, stoves, refrigerators and cabinets and around garbage cans, plumbing and other utility installations. Pests driven out of hiding places should be sprayed directly. For Ants, apply to ant trails, also around doors and windows and wherever these pests may find entrance. Repeat as necessary.

To Kill Brown Dog Ticks and Fleas: For control of Brown Dog Ticks, thoroughly apply as a spot treatment to infested areas such as pet beds and resting quarters, nearby cracks and crevices, along and behind baseboards, window and door frames and localized areas of floor and floor coverings where these pests may be present. For control of Fleas, thoroughly apply a fine particle broadcast spray, using the two (2) ounces per gallon of water dilution only to infested rugs, carpets, and pet resting areas. Prior to treatment, aquariums and fish bowls should be covered and birds, such as canaries, removed from the area. Do not permit humans or pets to contact treated surfaces until the spray has dried. Old bedding should be removed and replaced with clean, fresh bedding after treatment. Do Not Spray Pets With This Product. Treat dogs and cats with a product

registered for use on animals.

To Kill Carpenter Ants: Apply four (4) ounces per one (1) gallon of water as a coarse wet spray to the point of run-off around doors, door frames, windows and other areas where these ants enter the premises or hide. Spray into cracks and crevices, through openings or small newly drilled holes into wall voids where these ants or their nests are present.

For Outdoor Pests

Use PYRID[®] Residual Insecticide Concentrate at the rate of four (4) fluid ounces per one (1) gallon of water to control on contact cockroaches, ants, crickets, sowbugs, spiders and ticks. Use at the rate of one (1) gallon per 1,000 square feet to outside surfaces of buildings, porches, patios, garages and other areas where these pests have been seen or are found. Do not spray in or near fish ponds or other bodies of water. Do not allow spray to contact ornamental plants or shrubs because of possible injury.

Building Perimeter Treatment: To help prevent infestations of buildings by ants, crickets, spiders, centipedes, and sowbugs (pillbugs), treat a 12-18 inch band of soil or other substrate adjacent to buildings and the building foundation to a height of 2 to 3 feet where these pests are active and may find entrance. Use four (4) fluid ounces of concentrate per gallon of water and apply as a coarse wet spray at the rate of one (1) gallon per 1,000 square feet.

Lawn Flea Control

To kill fleas harboring in lawns use PYRID[®] Residual Insecticide Concentrate in a spray tank or hose-end sprayer. Place required amount of concentrate in tank or sprayer jar (see chart below) and fill with water to the recommended level. Mix well. Attach to hose or sprayer and spray as recommended. For best results lawn should be mowed a day or two before spraying. Spray using a slow, even sweeping motion, being sure to cover the entire lawn surface where pets will normally frequent. Spray under ornamentals and trees, but avoid soaking young or flowering plants. Repeat treatments may be necessary at 7 to 14 day intervals.

Keep pets and children out of the treated area until after the spray has dried. Do not spray animals. Dogs, cats, their kennel or bedding area should also be treated with a registered flea control product in conjunction with this application.

Amount of Product to Use Fluid Ounces

Amount of Water to Use

Area to be Treated

1/3 Fluid Ounce

3 gallons

500 sq. ft. (50' x 10')

2/3 Fluid Ounce

6 gallons

1,000 sq. ft. (50' x 20')

1 1/3 Fluid Ounce

12 gallons

2,000 sq. ft. (50' x 40')

NOTICE: This product is not for use on lawns or ornamentals.

NOTICE: Seller makes no warranty, express or implied, including the effectiveness of merchandise and/or fitness for any particular purpose, concerning this material, except those which are contained on the label.

Manufactured exclusively for: Tennessee International, Inc.

Memphis, TN 38119

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