Pyreth-It

Pyrethrum Insecticide

- Multi-purpose Insecticide
- For use on growing crops, ornamentals, stored products and livestock and for fruit fly control on harvested fruits and vegetables.
- Used alone as a clean-up spray or a preharvest spray.

**ACTIVE INGREDIENTS:**

- Pyrethrins .......................................................... 6.0%
- Piperonyl butoxide, Technical* ................................... 60.0%

**OTHER INGREDIENTS:**

* Equivalent to 48% (butylcarbityl) (6-propylpiperonyl) ether and 12% related compounds.
** Contains petroleum distillate

TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See inside booklet/back panel for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.

EPA Reg. No. 1021-1091-499 • EPA Est. No. 499-MO-1

Net Contents: 1 qt

WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC.
268 TREE COURT INDUSTRIAL BLVD.
ST. LOUIS, MO 63122-6682
800-777-8570
FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. 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 - 20 min. 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.

NOTE TO PHYSICIAN: Contains petroleum distillate – vomiting may cause aspiration pneumonia. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies, you may also call 1-800-225-3320.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor of spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies, you may also call 1-800-225-3320.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place. Keep container closed.

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

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.
Applicators and other handlers who may be exposed to the dilute and/or concentrate through application or other tasks must wear the following: Long-sleeved shirt and long pants; Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber or Viton; Shoes plus socks; Protective Eyewear.

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR 170.240 (d) (4 - 6), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION:

Causes moderate eye irritation. Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor of spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or a doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. 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 - 20 min. 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.

NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies, you may also call 1-800-225-3320.

Environmental hazards

This pesticide is highly toxic to fish. For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not discharge effluent containing this product to water in lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.
PHYSICAL OR CHEMICAL HAZARDS
Combustible. Do not use or store 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.
Avoid contamination of food and feedstuffs.
Do not apply space spray while food processing is underway. Cover or remove all food processing surfaces. Thoroughly wash all food processing surfaces before reuse. After spraying the bakeries, meat packing plants, food processing plants, etc., all benches, shelving, equipment, etc. where exposed food will be handled must be washed with an effective cleaning compound followed by a potable water rinse to remove all traces of contamination. Food processing operations do not have to be stopped while applying a wet spray with care and in accordance with the directions and cautions above and in those establishments which do NOT operate under Federal Meat, Poultry and Shell Egg grading and Egg Products inspection programs. Remove pets and birds and cover fish aquariums before spraying.
Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your state or tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS
Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR, Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

NOTE: Continued on next page.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hr.
PPE required for early entry to treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil or water, are: Coveralls; Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber or Viton; Shoes plus socks; and Protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS
The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR, Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.
Keep unprotected persons out of treated areas until sprays have dried.

USED ALONE: Pyreth-It® can be used also as a clean up or a preharvest spray where other materials cannot be used because of residue restrictions. Contains natural pyrethrins. Apply 2 - 16 oz of Pyreth-It® per acre and repeat if required to maintain effective control. Dilute in sufficient water for thorough coverage of upper and lower leaf surfaces (max. of 100 gal of water per acre) unless otherwise noted. Pyreth-It® may be applied by air in no less than 2 gal of water per acre and by ground in no less than 10 gal of water per acre. It is recommended that the final spray mix be buffered to a pH of 5.5 - 7.0.
Do not apply Pyreth-It® through any type of irrigation system.

USE AS A TANK MIX WITH OTHER INSECTICIDES: Where resistance is a problem, Pyreth-It® may be combined with other insecticides and acaricides, thereby flushing insects from hiding and into contact with other spray residues. This application should conform to accepted use precautions and directions for both products.
Pyreth-It® is relatively non-toxic to honey bees. Apply Pyreth-It® in the early morning or late evening hours to avoid possible harm to honey bees.

GROWING CROPS (OUTDOORS AND IN GREENHOUSES)
ROOT AND TUBER VEGETABLES: Including (but not limited to) Arracacha, Arrowroot, Purple Arrowroot, Japanese Artichoke, Jerusalem Artichoke, Beet, Sugar Beet, Edible Burdock, Carrot, Cassava (bitter or sweet), Celeriac (celery root), Chervil (turnip rooted), Chicory, Chuffa, Daikon, Ginger, Ginseng, Horseradish, Lemni, Parsley (turnip rooted), Parsnip, Potato, Radish, Japanese Radish (Daikon), Rutabaga, Salsify, Black Salsify, Spanish Salsify, Sweet Potato, Turnier, Tumip, Yam (true) and Yam Bean.
LEAVES OF ROOT AND TUBER VEGETABLES: Including (but not limited to) Beet, Sugar Beet, Edible Burdock, Carrot, Cassava (bitter or sweet), Celeriac (celery root), Chervil (turnip rooted), Chicory, Chuffa, Parsnip, Radish, Japanese Radish (Daikon), Rutabaga, Black Salsify, Sweet Potato, Turnier, Tumip and Yam (true).
LEAFY VEGETABLES: Including (but not limited to) Amaranth (Leafy Amaranth, Chinese Spinach, Tampal), Arugula, Celery, Cilantro, Chervil, Cilantro, Com Salad, Chrysanthemum (edible leafed), Chrysanthemum (garland), Cress (garden), Upham Cress (yellow rocket, winter cress), Dandelion, Dock (sorrel), Endive (escarole), Fennel (Florence), Lettuce (head and leafy), Orach, Parsley, Purslane (garden and winter), Rhubarb, Spinach, Fine Spinach (Malabar, Ceylon), Spinach (New Zealand) and Swiss Chard.
BRASSICA (COLE) LEAFY VEGETABLES: Including (but not limited to) Broccoli, Chinese Broccoli (Gai Lan), Broccoli Raab (Rapini), Brussels Sprouts, Cabbage, Chinese Cabbage (Bok Choy), Chinese Mustard Cabbage (Gai Choy), Cauliflower, Collards, Kale, Kohlrabi, Mustard Greens and Rape Greens.
FOLIAGE OF LEGUME VEGETABLES: Including (but not limited to) the plant part of any legume vegetable: including any variety of Beans, Field Peas and Soybeans.

FRUITING VEGETABLES: Including (but not limited to) Eggplant, Ground Cherry, Okra, Peppers, Pepper (Bell Pepper, Chili Pepper, Cooking Pepper), Pimento, Sweet Pepper, Tomatillo and Tomato.

CUCURBIT VEGETABLES: Including (but not limited to) Balsam Pear (Bitter Melon), Chinese Winter Squash, Citron Melon, Cucumber, Edible Gourds, Gherkin, Melons (including hybrids), Cucumber, Squash (summer and winter), and Watermelon (including hybrids).

CITRUS FRUITS: Including (but not limited to) Calamondin, Citrus Citron, Citrus Hybrids, Grapefruit, Kumquat, Lemon, Lime, Mandarin (Tangerine), Orange (sweet and sour), Pummelo and Satsuma Mandarin.

STONE FRUITS: Including (but not limited to) Apricot, Cherry (sweet and sour), Chickasaw Plum, Damson Plum, Japanese Plum, Nectarine, Peach, Plum and Prune.

SMALL FRUITS AND BERRIES: Including (but not limited to) Blackberry, Blueberry, Cranberry, Currant, Dewberry, Elderberry, Gooseberry, Grape, Huckleberry, Loganberry, Ollalie Berry, Raspberry (black and red), Strawberry and Youngberry.

ORIENTAL VEGETABLES: Including (but not limited to) Balsam Pear (Bitter Melon), Chinese Broccoli (Gai Lan), Chinese Cabbage (Bok Choy), Chinese long bean, Chinese Mustard Cabbage (Gai Choy), Chinese Spinach, Chinese Waxgourd, Citron Melon, Daikon, Ginger, Ginseng, Japanese Artichoke, Japanese Radish (Daikon) and Mung Bean.

ADDITIONAL CROPS: Such as Asparagus, Onion (bulb and green) and Rice.

ORNAMENTALS: Such as African Violet, Aster, Azalea, Begonia, Calceolaria, Calendula (Calli), Camellia, Carnation, Cineraria, Chrysanthemum, Cypress, Daffodil, Dahlia, Dogwood, Elm, Eucalyptus, Fern, Ficus, Geranium, Gladiolus, Gympsofila, Holly, Juniper, Lily, Marigold, Oak, Palm, Pennycress, Potzenia, Philodendron, Pine, Roses, Snapdragron, Sweet Pea, Tulips, Vikumum, Wandering Jew, Yew and Zinnia.


FOR USE AROUND HOMES AND OTHER BUILDINGS: In grassy undeveloped areas use Pyreth-It® at 1 part to 29 parts water or deodorized base oil up to 1 part to 11 parts water or deodorized base oil instead of water and applied as a space spray with an applicator such as mechanical or ULV fogger capable of producing particles of aerosol size.

FOR USE ON HARVESTED FRUITS AND VEGETABLES: To control Drosophila spp., Tephritid spp. and Fruit Flies dilute Pyreth-It® at the rate of 1 part with 600 parts water (1 pt Pyreth-It® per 75 gal or 1 tbsp Pyreth-It® with 2 gal water). Thoroughly mix the emulsion in the spray tank and treat as follows: 1) Apply liberally to fruits and vegetables in baskets, on trucks and in plants. For maximum coverage of the baskets or hampers, use sprayers at a high pressure for applying at the rate of 5 - 6 pt of diluted spray to a 2-ton load of produce. Pyreth-It® kills flies, and the emulsion loosens any dead flies so they are readily washed from the fruit.

FOR USE IN CANNERIES: Spray the entire space inside of the cannery, after washing and cleaning up and just before bringing produce into it, with Pyreth-It® diluted 1 part to 29 parts of water (1 qt with 7.5 gal water) up to 1 part to 11 parts of water (1 qt with 3 gal water). Use 1 gal of the spray per 750 ft³, directing it on walls, ceiling and floors, paying special attention to forcing the spray into all cracks and crevices for the control of Ants, Cheese Mites, Roaches, Silverfish and Spiders. This same dilution used as a space spray will give excellent control of Fruit Flies, Gnats, Grain Moths, Hornets, Houseflies, Mosquitoes and Skitter Flies. Use 1 oz diluted spray per 1,000 ft³ of space. Do not spray while the plant is in operation as dead flies may fall into containers or the products being processed.

FOR USE IN FOOD AND NONFOOD AREAS OF FOOD PROCESSING PLANTS, INDUSTRIAL INSTALLATIONS, BAKERIES, RICE AND WHEAT MILLS, RESTAURANTS, TOBACCO WAREHOUSE, GRAIN ELEVATORS AND WAREHOUSES: To kill flying insects such as Fruit Flies, Gnats, Grain Moths, Hornets, Houseflies, Mosquitoes, Skipper Flies and Wasps, dilute Pyreth-It® at the rate of 1 part with 29 parts water (1 qt with 7.5 gal water) up to 1 part to 11 parts water (1 qt with 3 gal water). Use at the rate of 1/2 - 1 oz of diluted spray per 1,000 ft³ of space. Direct the space treatment upward and whenever practical, keep doors and windows closed for at least 10 min after application. Conflue use of Pyreth-It® in food processing or food handling establishments to time periods when the plant is not in operation. Cover or remove food before treatment. Cover all food processing surfaces before treatment or thoroughly clean before use following treatment. Where oil residues are not undesirable, Pyreth-It® can be diluted at the rate of 1 part to 29 parts deodorized base oil (instead of water) up to 1 part to 11 parts deodorized base oil instead of water and applied as a space spray with an applicator such as mechanical or UV fogger capable of producing particles of aerosol size.

FOR USE ON STORED PRODUCTS: Pyreth-It® can be safely used on the following crops at the rate of 1 part to 29 parts water or deodorized base oil up to 1 part to 11 parts water or deodorized base oil: Almond Nutmeat and Shells, Barley, Beans, Corn, Dried Apricots, Dried Fruit, Dried Prunes, Figs, Grain Nuts, Olives, Peanuts, Pistachio, Raisins, Rice, Rye, Tobacco, Walnut Nutmeat and Shells and Wheat.
7) To kill Fleas and Ticks on livestock and pets and to obtain protection against reinfestation, dilute Pyreth-I® at the rate of 2 fl oz per gallon of water and wet the animal by dipping or spraying. For best results against Fleas and Ticks on Dogs and Cats, treat kennels and/or animal quarters and bedding.

FOR USE IN BARNS, DAIRIES, MILKING PARLORS, MILKING ROOMS AND POULTRY HOUSES: To control Flies, Gnats and Mosquitoes, dilute Pyreth-I® at the rate of 2 fl oz per gallon of water and apply to thoroughly wet the hair, paying special attention to topline, underline, flanks, withers and other infested areas. Repeat treatment at intervals of 5 - 12 days for small insect populations or as needed when flies are emerging in large numbers.

3) For effective control of Biting and Sucking Lice on Cattle, Goats, Hogs, Horses and Sheep, dilute Pyreth-I® at the rate of 2 - 3 fl oz of Pyreth-I® per gallon of water and apply diluted solution at the rate of 1 qt per adult animal to wet the hair thoroughly, paying special attention to the legs, flanks, barrel, topline and other body areas commonly attacked by these flies. Repeat treatment each week as needed.

5) For control of Bed Bugs and Mites on poultry and in poultry houses, dilute Pyreth-I® at the rate of 1 - 2 fl oz per gallon of water. Thoroughly mix the emulsion and apply at the rate of 1 gal diluted solution per 1,000 bushels of grain as it is carried along a conveyer band or as it enters the auger or elevator. Pyreth-I® may be used in combination with a registered fumigant for use on heavily infested stored products. Conduct monthly inspections. If the top 2 - 3" of grain are infested, retreat applying at the rate of 1 - 2 gal of diluted solution per 1,000 bushels of stored product.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place. Keep container closed.

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

CONTAINER DISPOSAL: Triple rise (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

A Prescription Treatment® brand product manufactured for: Whitmire Micro-Gen Research Laboratories, Inc.®

3568 Tree Court Industrial Blvd. St. Louis MO 63122-6682
Questions? Call 1-800-777-8570

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Peel to Open

• Multi-purpose Insecticide
• For use on growing crops, ornamentals, stored products and livestock and for fruit fly control on harvested fruits and vegetables.
• Used alone as a clean-up spray or a preharvest spray.

ACTIVE INGREDIENTS:
Pyrethrins .................................................................................................. 6.0%
Piperonyl butoxide, Technical* ................................................................. 60.0%
OTHER INGREDIENTS:** ............................................................................. 34.0%

*   Equivalent to 48% (isobutylcarbityl) (6-propylpiperonyl) ether and 12% related compounds.
**  Contains Petroleum Distillate

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION
See inside booklet/back panel for First Aid, Precautionary Statements, Directions for Use and Storage and Disposal.

EPA Reg. No. 1021-1091-499  •  EPA Est. No. 499-MO-1

NET CONTENTS: 1 gal

WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC.
3568 Tree Court Industrial Blvd.
St. Louis, MO 63122-6682
800-777-8570

base
FIRST AID

IF SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eyes open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. 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 - 20 min. 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.

NOTE TO PHYSICIAN: Contains petroleum distillate – vomiting may cause aspiration pneumonia.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies, you may also call 1-800-225-3320.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor of spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers who may be exposed to the dilute and/or concentrate through application or other tasks must wear the following: Long-sleeved shirt and long pants; Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber or Viton; Shoes plus socks; Protective Eyewear. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR 170.240 (d) [4 - 6], the handler PPE requirements may be reduced or modified as specified in the WPS.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place. Keep container closed.

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

CONTAINER DISPOSAL: Triple rise (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

090313-30
First Aid

If swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or a doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

If in eyes: Hold eyes open and rinse slowly and gently with water for 15 - 20 min. Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

If on skin in or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 min. 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.

Note to physician: Contains petroleum distillate - vomiting may cause aspiration pneumonia.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies, you may also call 1-800-225-3320.

Precautionary statements

Hazard to humans and domestic animals

Caution: Causes moderate eye irritation. Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor of spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Personal protective equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart. Applicators and other handlers who may be exposed to the dilute and/or concentrate through application or other tasks must wear the following: Long-sleeved shirt and long pants; Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber or Viton; Shoes plus socks; Protective Eyewear. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR 170.240 (d) (4 - 6), the handler PPE requirements may be reduced or modified as specified in the WPS.

User safety recommendations

Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.
ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Combustible. Do not use or store 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.

Avoid contamination of food and feedstuffs. Do not apply space spray while food processing is underway. Cover or remove all food processing surfaces. Thoroughly wash all food processing surfaces before reuse. After spraying the bakeries, meat packing plants, food processing plants, etc., all benches, shelving, equipment, etc. where exposed food will be handled must be washed with an effective cleaning compound followed by a potable water rinse to remove all traces of contamination. Food processing operations do not have to be stopped while applying a wet spray with care be washed with an effective cleaning compound followed by a potable water rinse to remove all traces of contamination. Food processing operations do not have to be stopped while applying a wet spray with care

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR, Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hr. PPE required for early entry to treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil or water, are: Coveralls; Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber or Viton; Shoes plus socks; and Protective eyewear.

Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are NOT covered by the Worker Protection Standard. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Keep unprotected persons out of treated areas until sprays have dried.

USED ALONE: Pyreth-It® can be used also as a clean up or a preharvest spray where other materials cannot be used because of residue restrictions. Contains natural pyrethrins.

Apply 2 - 16 oz of Pyreth-It® per acre and repeat if required to maintain effective control. Dilute in sufficient water for thorough coverage of upper and lower leaf surfaces (max. of 100 gal of water per acre) unless otherwise noted. Pyreth-It® may be applied by air in no less than 2 gal of water per acre and by ground in no less than 10 gal of water per acre. It is recommended that the final spray mix be buffered to a pH of 5.5 - 7.0.

Do not apply Pyreth-It® through any type of irrigation system.

USE AS A TANK MIX WITH OTHER INSECTICIDES: Where resistance is a problem, Pyreth-It® may be combined with other insecticides and acaricides, thereby flushing insects from hiding and into contact with other spray residues. This application should conform to accepted use precautions and directions for both products.

Pyreth-It® is relatively non-toxic to honey bees. Apply Pyreth-It® in the early morning or late evening hours to avoid possible harm to honey bees.

Growing Crops

(Outdoors and in Greenhouses)

Root and Tuber Vegetables: Including (but not limited to) Arracacha, Arrowroot, Purple Arrowroot, Japanese Artichoke, Jerusalem Artichoke, Beet, Sugar Beet, Edible Burdock, Carrot, Cassava (bitter or sweet), Celeriac (celery root), Chervil (turnip rooted), Chicory, Chuffa, Dasheen, Ginger, Ginseng, Horse-radish, Leren, Parsley (turnip rooted), Parsnip, Potato, Radish, Japanese Radish (Daikon), Rutabaga, Salsify, Black Salsify, Spanish Salsify, Sweet Potato, Tanier, Turmeric, Turnip, Yam (true) and Yam Bean.

Leaves of Root and Tuber Vegetables: Including (but not limited to) Beet, Sugar Beet, Edible Burdock, Carrot, Cassava (bitter or sweet), Celeriac (celery root), Chervil (turnip rooted), Chicory, Dasheen, Parsnip, Radish, Japanese Radish (Daikon), Rutabaga, Black Salsify, Sweet Potato, Tanier, Turnip and Yam (true).

Leafy Vegetables: Including (but not limited to) Amaranth (Leafy Amaranth, Chinese Spinach, Tamar)al), Arrugula, Celery, Cellox, Chervil, Cilantro, Corn Salad, Chrysanthemum (edible leaved), Chrysanthemum (garland), Cress (garden), Upland Cress (yellow rocket, winter cress), Dandelion, Dock (sorrel), Endive (escarole), Fennel (Florence), Lettuce (head and leafy), Orach, Parsley, Purslane (garden and winter), Rhubarb, Spinach, Fine Spinach (Malabar, Ceylon), Spinach (New Zealand) and Swiss Chard.

Brassica (Cole) Leafy Vegetables: Including (but not limited to) Broccoli, Chinese Broccoli (Gai Lan), Broccoli Raab (Rapini), Brussels Sprouts, Cabbage, Chinese Cabbage (Bok Choy), Chinese Mustard Cabbage (Gai Choy), Cauliflower, Collards, Kale, Kohlrabi, Mustard Greens and Rape Greens.

Legume Vegetables (Succulent or Dried): Including (but not limited to) Adzuki Beans, Asparagus Beans, Black-eyed Peas, Broad Beans (Fava Beans), Catjjang, Chick Peas (Garbanzo Beans), Chinese Longbeans, Cowpeas, Cowder Peas, Field Beans, Guar, Jackbeans (Sword Bean), Kidney Beans, Lablab...

**FRUITING VEGETABLES:** Including (but not limited to) Eggplant, Ground Cherry, Okra, Pepino, Pepper (Bell Pepper, Chili Pepper, Cooking Pepper, Pimento, Sweet Pepper), Tomatillo and Tomato.

**CUCURBIT VEGETABLES:** Including (but not limited to) Balsam Pear (Bitter Melon), Chinese Waxgourd, Citron Melon, Cucumber, Edible Gourds, Gherkin, Melons (including hybrids, Cantaloupe, Casaba, Crenshaw, Honeydew Melon, Honey Balls, Margo Melon, Muskmeigon, Persian Melon), Pumpkin, Squash (summer and winter), and Watermelon (including hybrids).

**CITRUS FRUITS:** Including (but not limited to) Calamondin, Citrus Citron, Citrus Hybrids, Grapefruit, Kumquat, Lemon, Lime, Mandarin (Tangerine), Orange (sweet and sour), Pummelo and Satsuma Mandarin.

**STONE FRUITS:** Including (but not limited to) Apricot, Cherry (sweet and sour), Chickasaw Plum, Damson Plum, Japanese Plum, Nectarine, Peach, Plum and Prune.

**SMALL FRUITS AND BERRIES:** Including (but not limited to) Blackberry, Blueberry, Cranberry, Currant, Dewberry, Elderberry, Gooseberry, Grape, Huckleberry, Loganberry, Ollallie Berry, Raspberry (black and red), Strawberry and Youngberry.

**ORIENTAL VEGETABLES:** Including (but not limited to) Balsam Pear (Bitter Melon), Chinese Broccoli (Gai Lan), Chinese Cabbage (Bok Choy), Chinese Longbean, Chinese Mustard Cabbage (Gai Choy), Chinese Spinach, Chinese Waxgourd, Citron Melon, Dasheen, Ginger, Ginseng, Japanese Artichoke, Japanese Radish (Daikon) and Mung Bean.

**ADDITIONAL CROPS:** Such as Asparagus, Onion (bulb and green) and Rice.

**ORNAMENTALS:** Such as African Violet, Aster, Azalea, Begonia, Calceolaria, Calendula, Calla, Camellia, Carnation, Cineraria, Chrysanthemum, Cypress, Daffodil, Dahlia, Dogwood, Elm, Euclayptus, Fern, Ficus, Geranium, Gladiolus, Gypsophila, Holly, Juniper, Lily, Marigold, Oak, Palm, Peony, Petunia, Philodendron, Pine, Roses, Snapdragon, Sweet Pea, Tulips, Viburnum, Wandering Jew, Yew and Zinnia.


**FOR USE AROUND HOMES AND OTHER BUILDINGS:** In grassy undeveloped areas use Pyreth-It® at 1 part to 59 parts water to control foraging fire ants. Also spray grassy areas around yard borders liberally to control ticks that may carry Lyme Disease.

**FOR USE ON HARVESTED FRUITS AND VEGETABLES:** To control *Drosophila* spp. and *Tephritid* spp. and Fruit Flies dilute Pyreth-It® at the rate of 1 part with 600 parts water (1 pt Pyreth-It® per 75 gal or 1 tbsp Pyreth-It® with 2 gal water). Thoroughly mix the emulsion in the spray tank and treat as follows:

1. Apply liberally to fruits and vegetables in baskets, on trucks and in plants. For maximum coverage of the baskets or hampers, use sprayers at a high pressure for applying at the rate of 5 - 6 pt of diluted spray to a 2-ton load of produce. Pyreth-It® kills flies, and the emulsion loosens any dead flies so they are readily washed from the fruit.

2. Spray the raw stock stacked in the yard.

3. Dip baskets in the diluted spray after dumping the produce to kill adhering larvae and pupae.

**FOR USE IN CANNERIES:** Spray the entire space inside of the cannery, after washing and cleaning up and just before bringing produce into it, with Pyreth-It® diluted 1 part to 29 parts of water (1 qt with 7.5 gal water) up to 1 part to 11 parts of water (1 qt with 3 gal water). Use 1 gal of the spray per 750 ft², directing it on walls, ceiling and floors, paying special attention to forcing the spray into all cracks and crevices for the control of Ants, Cheese Mites, Crickets, Roaches, Silverfish and Spiders. This same dilution used as a space spray will give excellent control of Fruit Flies, Gnats, Grain Moths, Hornets, Houseflies, Mosquitoes and Skipper Flies. Use 1 oz diluted spray per 1,000 ft² of space. Do not spray while the plant is in operation as dead flies may fall into containers or the products being processed.

**FOR USE IN FOOD AND NONFOOD AREAS OF FOOD PROCESSING PLANTS, INDUSTRIAL INSTALLATIONS, BAKERIES, RICE AND WHEAT MILLS, RESTAURANTS, TOBACCO WAREHOUSES, GRAIN ELEVATORS AND WAREHOUSES:** To kill flying insects such as Fruit Flies, Gnats, Grain Moths, Hornets, House Flies, Mosquitoes, Skipper Flies and Wasps, dilute Pyreth-It® at the rate of 1 part with 29 parts water (1 qt with 7.5 gal water) up to 1 part to 11 parts water (1 qt with 3 gal water). Use at the rate of 1/2 - 1 oz of diluted spray per 1,000 ft² of space. Direct the space treatment upward and whenever practical, keep doors and windows closed for at least 10 min after application. Confin e use of Pyreth-It® in food processing or food handling establishments to time periods when the plant is not in operation. Cover or remove food before treatment. Cover all food processing surfaces before treatment or thoroughly clean before use following treatment. Where oil residues are not undesirable, Pyreth-It® can be diluted at the rate of 1 part to 29 parts deodorized base oil (instead of water) up to 1 part to 11 parts deodorized base oil instead of water and applied as a space spray with an applicator such as a ULV fogger capable of producing particles of aerosol size.

**FOR USE ON STORED PRODUCTS:** Pyreth-It® can be safely used on the following crops at the rate of 1 part to 29 parts water or deodorized base oil up to 1 part to 11 parts water or deodorized base oil: Almond Nutmeat and Shells, Barley, Beans, Corn, Dried Apricots, Dried Fruit, Dried Prunes, Figs, Grain Nuts, Oats, Peanuts, Pistachio, Raisins, Rice, Rye, Tobacco, Walnut Nutmeat and Shells and Wheat held in storage for control of the accessible stages of Almond Moths, Angoumois Grain Moths, Cadelle Beetles, Cigarette Beetles, Confused Flour Beetles, Flat Grain Beetles, Granary Weevils, Indianmeal Moths, Red Flour Beetles, Rice Weevils, Rusty Grain Beetles, Sawtoothed Grain Beetles, Square-Necked Grain Beetles and Tobacco Moths.

**FOR USE ON SWEET POTATOES IN STORAGE:** For control of Fruit Flies (*Drosophila* spp.), dilute Pyreth-It® at 1 part to 18 parts water. Apply as a space fog with a mechanical fogger capable of producing particles of aerosol size at the rate of 1 gal diluted spray per 100,000 ft² of space.
FOR USE IN STORAGE SITES: Pyreth-It® can be used in Bin Hoppers, Cargo Ships, Conveying Equipment, Elevators, Mills, Trucks and Warehouse Bins as a clean up prior to using them for storage. In Elevators and Mills, remove all infested accumulations of grain from the bin hoppers. Thoroughly clean all storage areas and conveying equipment by sweeping out the waste grain, cobwebs and other debris from the walls and rafters as well as on the floor and door frames, paying special attention to material lodged in the cracks and crevices. Remove and burn all debris to kill eggs and insects that might be present.

For farms, pay special attention to cleaning up around the used feed and grain bags, grain residues from wagons, harvesting equipment and feed troughs. Do not place newly harvested grain in the same bin with carry-over grain. Fumigate all carry-over grain stocks not treated with grain protectant. Perform these cleaning operations within two or three (2 - 3) wks before harvest.

After above sanitation measures have been employed, spray all areas prior to use for storage with 1 part Pyreth-It® to 29 parts water (1 qt with 7.5 gal water) up to 1 part Pyreth-It® to 11 parts water (1 qt with 3 gal water). Apply at the rate of one gallon diluted solution per 750 ft² on walls, floors, ceilings and partition boards of bins, paying particular attention to forcing the spray into all cracks and crevices.

FOR USE AS A GRAIN PROTECTANT: When diluted with water and sprayed directly on grain, Pyreth-It® will effectively protect the grain against grain storage insects for a full season or approximately 8 mo. Dilute at the rate of 1 part Pyreth-It® to 29 parts water (1 qt with 7.5 gal water). Thoroughly mix the emulsion and apply at the rate of 4 - 5 gal per 1,000 bushels of grain as it is carried along a belt or as it enters the auger or elevator. Pyreth-It® may be used in combination with a registered fumigant for use on heavily infested stored products.

Conduct monthly inspections. If the top 2 - 3” of grain are infested, retreat applying at the rate of 1 - 2 gal of diluted solution per 1,000 bushels of stored product.

FOR USE ON LIVESTOCK

1) To kill and repel Gnats, Horn Flies, House Flies and Mosquitoes, dilute at the rate of 1 - 2 fl oz of Pyreth-It® per gallon of water and apply to thoroughly wet the hair, paying special attention to topline, underline, flanks, withers and other infested areas. Repeat treatment at intervals of 5 - 12 days for small insect populations or as needed when flies are emerging in large numbers.

2) To kill and repel Deer Flies, Horse Flies and Stable Flies, dilute at the rate of 2 - 3 fl oz of Pyreth-It® per gallon of water and apply diluted solution at the rate of 1 qt per adult animal to wet the hair thoroughly, paying special attention to the legs, flanks, barrel, topline and other body areas commonly attacked by these flies. Repeat treatment each week as needed.

3) For effective control of Biting and Sucking Lice on Cattle, Goats, Hogs, Horses and Sheep, dilute Pyreth-It® at the rate of 1 qt with 75 gal of water (1 fl oz with 2 gal) and spray to thoroughly wet the hair of the animal, including the head and brush of the tail. Repeat treatment in 10 days to kill newly hatched lice.

4) To control Poultry Lice, dilute Pyreth-It® at the rate of 2 - 3 fl oz per gallon of water. Thoroughly spray roosts, walls and nests or cages. Then spray a fine mist over the birds.

5) For control of Bed Bugs and Mites on poultry and in poultry houses, dilute Pyreth-It® at the rate of 2 - 3 fl oz per gallon of water and spray crevices of roost poles, cracks in walls and cracks in nests where Bed Bugs and Mites hide. Then spray a fine mist over the birds.

6) To control sheep “tick” or ked, dilute Pyreth-It® at the rate of 1 - 2 fl oz per 4 gal of water and thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.

7) To kill Fleas and Ticks on livestock and pets to obtain protection against reinfestation, dilute Pyreth-It® at the rate of 2 fl oz per gallon of water and wet the animal by dipping or spraying. For best results against Fleas and Ticks on Dogs and Cats, treat kernels and/or animal quarters and bedding.

FOR USE IN BARNS, DAIRIES, MILKING PARLORS, MILKING ROOMS AND POULTRY HOUSES: To control Flies, Gnats and Mosquitoes, dilute Pyreth-It® at the rate of 2 fl oz per gallon of water. Apply as a fog or fine mist (at approx. 2 fl oz per 1,000 ft³ of space), directing the nozzle for maximum coverage of area. For best results, close doors and windows before spraying and keep them closed for 10 - 15 min. Applicator should vacate the treated area and ventilate it prior to returning. Repeat application as necessary.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.  
STORAGE: Store in a cool, dry place. Keep container closed.  
PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.  
CONTAINER DISPOSAL: Triple rise (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned stay out of smoke.

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3988 Tree Court Industrial Blvd.  
St. Louis  MO  63122-6682

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