



LICENSED
LICENSED PERIOD 2015-2017 LIC. NO.
 PERIOD 2012-2014 LIC. NO. **9454.136**

DISCONTINUED

Prescription Treatment® brand
ULD® BP-50
 Contact Insecticide



Formula 1

Designed for Use in Edible Product Areas of Official Establishments Operating Under the Federal Meat, Poultry, Shell Egg Grading and Egg Products Inspection Programs and in Other Food Processing Plants

KILLS: Ants, Angoumois Grain Moths, Cockroaches, Flies, Granary Weevils, Indian Meal Moths, Mites, Mosquitoes, Rice Weevils and Spiders

FOR USE IN AND AROUND: Animal Areas & Quarters, Bakeries, Cattle Barns, Dairy & Livestock Barns, Egg Processing Plants, Food Handling Establishments, Food Processing Plants, Homes, Industrial Installations, Meat Packing Plants, Milk Rooms, Nursing Homes, Office Buildings, Poultry Houses, Poultry Processing Plants and Restaurants

For additional insects and use sites, see listings beginning on page 5.

ACTIVE INGREDIENT:

Pyrethrins, a botanical insecticide 0.5%
 Piperonyl butoxide, technical* 5.0%

OTHER INGREDIENTS: 94.5%

Contains petroleum distillate TOTAL: 100.0%

* Equivalent to 4.0% (butylcarbityl) (6-propylpiperonyl) ether and 1.0% related compounds
 1 gallon contains 0.033 lbs of pyrethrins

EPA Reg. No. 499-453 • EPA Est. No. 7969-MO-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

ULTRA LOW DOSAGE THROUGH MICRON GENERATION

NET CONTENTS: 1 gal

81046942

120520-70

30473277

100%
Booklet (base page) - 5.25" (w) x 5.5" (h)
Applied to front of gallon jug

ULD® BP-50 Contact Insecticide Formula 1

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 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.

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 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call 1-800-225-3320 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 or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

TERRESTRIAL USES: Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate bodies of water when disposing of equipment rinsate or washwaters.

WIDE-AREA MOSQUITO CONTROL APPLICATIONS BY GROUND OR AERIAL EQUIPMENT: Runoff from treated areas or deposition of spray droplets into a body of water may be hazardous to fish. Before making the first application in a season, it is advisable to consult with the state or tribal agency with primary responsibility for pesticide regulation to determine if other regulatory requirements exist. Do not apply over bodies of

water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes or estuaries) except when necessary to target areas where adult mosquitoes are present and weather conditions will facilitate movement of applied material away from the water in order to minimize incidental deposition into the water body.

Do not apply to blooming crops or weeds when bees are visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by the state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Note: some furniture finishes and particularly plastics can be damaged by petroleum-based insecticides. To avoid damage, cover those items and do not spray directly. If in doubt, test by applying this material to an inconspicuous area before spraying.

DIRECTIONS FOR USE

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

See inside booklet for additional Directions for Use.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in secured dry storage area. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site in accordance with the label directions or at an approved waste disposal facility.

CONTAINER DISPOSAL: Empty container by using the product in accordance with the label directions. Do not reuse this container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

Manufactured for:
Whitmire Micro-Gen Research Laboratories, Inc.®
by BASF Corporation
3568 Tree Court Industrial Blvd.
St. Louis MO 63122-6682
Questions? Call 1-800-777-8570
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81040454

120520-70

30473277

100%
Back label - 5.25" (w) x 5.5" (h)
Applied to back of gallon jug

Prescription Treatment® brand

ULD® BP-50

Contact Insecticide

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120520-70

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100%

Booklet (cover page) - 5.25" (w) x 5.5" (h)
Applied to front of gallon jug

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Do not apply to blooming crops or weeds when bees are visiting the treatment area, except when applications are made to prevent or control a threat to public and/or animal health determined by the state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Note: some furniture finishes and particularly plastics can be damaged by petroleum-based insecticides. To avoid damage, cover those items and do not spray directly. If in doubt, test by applying this material to an inconspicuous area before spraying.

DIRECTIONS FOR USE

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

Use Restrictions

- Apply this product only as specified on this label.
- Do not remain in treated area.
- Do not allow adults, children or pets to enter until treated area has been thoroughly ventilated.

100%

Booklet (page 2) - 5.25" (w) x 5.5" (h)
Applied to front of gallon jug

NOTE: Same size and application on the following 3 PDF pages which are pages 3-8 of the booklet.

- Do not apply directly to food.
- Remove or cover all food and water in the treatment area before use.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces in the treatment area before use or wash them thoroughly after ventilation of treated area.
- All food processing surfaces and equipment in the treatment area should be covered or washed with an effective cleaning compound followed by a potable water rinse after use of this product.
- Remove pets, birds, cover fish aquariums and turn off air pump motor before application.
- In health care facilities, remove patients prior to treatment and thoroughly ventilate treated area for two hours before returning patients.

Dependent upon insects to be killed and the area to be treated, this product may be applied through mechanical aerosol or ULV generators, such as Whitmire Micro-Gen equipment, as well as thermal and conventional fogging or spraying equipment.

SPACE SPRAY - Indoor: For control of accessible, exposed stages of flies, including fruit flies, mosquitoes, small flying moths, gnats, wasps, hornets, cheese skippers and these common stored product pests: granary weevils, rice weevils, confused flour beetles, sawtoothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, angoumois grain moths, mediterranean flour moths, Indian meal moths, tobacco moths, mealworms and grain mites. Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at the rate of 1 fl oz/1,000 ft³ of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. For best control of wasps and hornets, apply directly to nests in the evening when the insects have returned to nests. Keep the area closed for at least 15 min. Vacate the treated area and ventilate before re-occupying. Reapply once/day if retreatment is necessary.

SPACE AND CONTACT SPRAY: Use full strength or dilute as desired according to dilution table and apply through equipment which can deliver a pin stream spray. For control of accessible exposed stages of silverfish, crickets, roaches, spiders, scorpions, clover mites, cheese mites, earwigs and ants, first using equipment, which can deliver a pin stream spray, direct spray in all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects are known to seek shelter. Contact as many insects as possible, spray directly all ant trails. Do not allow spray to contact stored food. Then, shutting all doors, windows and shutting off all ventilating systems proceed with space spraying directions as given above. Use a dosage rate of 1 fl oz/1,000 ft³ of space or if diluted 1 - 2 fl oz/1,000ft³. Keep the area closed for at least 15 min. Vacate the treated area and ventilate before re-occupying. Reapply once/day if retreatment is necessary.

DILUTION: Use a white mineral oil conforming to regulation 21 CFR 121.2589(b) or an odorless light petroleum hydrocarbon conforming to 121.1182. 40 CFR 180.910 (Inert ingredients used pre and post-harvest; exemptions from the requirement of a tolerance), and 180.930 (Inert ingredients applied to animals; exemptions from the requirement of a tolerance). Combine oil and this product as directed below and mix well just prior to application.

Pyrethrins % Desired	Mixture Rate	Application Rate Per 1,000 cu ft
0.30	3 Parts Conc. to 2 Parts Oil	1 - 2 fl oz
0.15	3 Parts Conc. to 7 Parts Oil	1 - 2 fl oz

SPOT APPLICATION: With equipment designed for deep void Ultra Low Volume (ULV) applications, follow the manufacturer's recommendations for proper equipment setup and operating pressures. Place the tip of the applicator at or into the crack and crevice to be treated. Apply product in short bursts while keeping tip in position. Allow the air stream to push insecticide deep into voids. Reapply once/day if retreatment is necessary. Avoid applying to the point of runoff or drip. Ventilate thoroughly before occupants are allowed to re-enter.

LINEAR APPLICATION ALONG BASEBOARDS, TRIM MOLDING, OTHER CRACK & CREVICES AND DEEP VOIDS, ETC.:

With equipment designed for deep void ULV application, move applicator tip along the crevice to be treated applying a constant burst of insecticide. Move the tip at a steady rate approximately 1 ft/sec. Avoid applying to the point of runoff or drip. Reapply once/day if retreatment is necessary. Ventilate thoroughly before occupants are allowed to re-enter.

OUTDOOR USE

OUTDOOR GROUND FOGGING APPLICATION: Use to kill flies, mosquitoes, and gnats in open areas near buildings and in campgrounds. Use preferably at a time when temperature is cool (75°F or less) and the wind velocity is approximately 5 mph or less.

HANDHELD EQUIPMENT: When using equipment such as Whitmire Micro-Gen ULV equipment, apply at the rate of 4.0 fl oz/acre. Allow spray drift to penetrate foliage. Reapply as necessary, but not more than 5/week.

For wide area community applications, see the Wide Area Mosquito Control section for appropriate Directions for Use.

FOR USE ON ANIMALS

To protect beef and dairy cattle and horses from horn flies, houseflies, mosquitoes and gnats, apply a light mist sufficient to wet the tips of the hair. To control stable flies, horse flies and deer flies on beef and dairy cattle and horses, apply 2 fl oz/adult animal, sufficient to wet the hair but not to soak the hide. **Do not use Dogs or Cats.**

Use Restrictions

- Do not apply more than 1 time per day.
- Do not reapply within 1 day.
- Do not remain in treated area.
- Do not allow unprotected persons to enter until treated area has been thoroughly ventilated.

IN MUSHROOM PROCESSING

In packing and canning plants, use at a rate of 1 fl oz to 2,000 ft³ of space.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container in secured dry storage area. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site in accordance with the label directions or at an approved waste disposal facility.

CONTAINER DISPOSAL: Empty container by using the product in accordance with the label directions. Do not reuse this container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

In addition to sites listed on the front panel, this product is acceptable for use in the following sites:

INDOOR:

Animal Areas & Quarters	Granaries	Rice Mills
Auditoriums	Homes	Shade Houses
Bakeries	Horse Stables/Barns	Ships
Beverage Plants	Hospices	Shipholds
Boats	Industrial Installations	Stables
Bottling Plants	Institutions	Stable Bins
Brandy Storage Warehouses	Jails	Stored Food in Multiwalled Paper or Cloth Bags
Buildings	Laboratories	Stored Seed Warehouses
Buses	Libraries	Stores
Cabins	Livestock Barns	Supermarkets
Canneries	Loafing Sheds	Swine Houses
Cattle Barns	Locker Rooms	Textile Mills & Warehouses
Churches	Mills	Theaters
Closets	Mausoleums	Tobacco Plants
Condominiums	Meat Packing Plants	Tobacco Warehouses
Communication Centers	Milk Rooms	Townhouses
Correctional Facilities	Missions	Trains
Dairy & Livestock Barns	Mobile Homes	Transportation Equipment
Dried Fruit Processing Plants	Museums	Trucks
Drains & Sewers	Mushroom Processing Plants	Truck Trailers
Dried Fruit Warehouses	Nursing Homes	Utilities
Drugstores	Offices	Utility Rooms
Dumpsters	Office Buildings	Voids (Attics, Walls, Ceilings)
Dwellings	Passenger Rail Cars	Warehouses
Egg Processing Plants	Peanut Processing Plants	Wineries
Factories	Peanut Storage Warehouses	Wine Storage Warehouses
Flour Mills	Planes	Zoos
Food Handling Establishments	Poultry Houses	
Food Processing Plants	Poultry Processing Plants	
Freight Containers	Prisons	
Fruit Packing Shed	Public Buildings	
Garbage Cans	Rabbit Processing Plants	
Garbage Compactors	Rabbit Houses	
Goat Houses	Railroad Cars	
Grain Elevators	Recreational Vehicles	
Grain Mills	Research Animal Areas	
Grain Handling Equipment	Restaurants	
	Restrooms	

This product is also effective against the following insects when used according to label directions:

FLYING INSECTS:

Barn Flies	Confused Flour Beetles
Bees	Cigarette Beetle
Blow Flies	Carpet Beetles
Black Flies	Cereal Beetles
Bottle Flies	Corn Sap Beetles
Cheese Skippers	Drugstore Beetles
Deer Flies	Dried Fruit Beetles
Face Flies	Dermestid Beetles
Flies	Depressed Flour Beetles
Fruit Flies	Flat Grain Beetles
Fungus Gnats	Foreign Grain Beetles
Horn Flies	Fungus Beetles
Hornets	Ground Beetles
House Flies	Hairy Fungus Beetles
Gnats	Hairy Spider Beetles
Mosquitoes	Hide Beetles
Mushroom Flies	Khapra Beetles
Stable Flies	Large Black Flour Beetles
Skipper Flies	Longheaded Flour Beetles
Vinegar Flies	Merchants Grain Beetles
Wasps	Mexican Grain Beetles
Yellowjackets	Red Flour Beetles
	Red Horned Grain Beetles
	Rusty Grain Beetles
	Sawtooth Grain Beetles
	Spider Beetles
	Slenderhorned Flour Beetles
	Smalleyed Flour Beetles
	Squarenecked Grain Beetles
	Spider Beetle
	Two Banded Beetles
	Trogoderma Beetles
	White Marked Spider Beetles

WORMS:

Dark Mealworms
Lesser Mealworms
Yellow Mealworms

FLEAS AND TICKS:

Brown Dog Ticks
Fleas
Sheep Ticks
Spinosa Ear Ticks
Ticks

BEETLES:

American Black Flour Beetles
Black Fungus Beetles
Black Carpet Beetles
Brown Spider Beetles
Broadhorned Flour Beetles

CRAWLING INSECTS:

Ants
Bed Bugs
Centipedes
Chiggers
Cockroaches
Crickets

Earwigs
Firebrats
Palmetto Bugs
Fire Ants
Grasshoppers
Millipedes
Pill Bugs
Scorpions
Sowbugs
Silverfish
Water Bugs

SPIDERS & MITES:

Spiders
Mites
Clover Mites
Cheese Mites
Grain Mites

WEEVILS:

Bean Weevils
Broadnosed Grain Weevils
Coffee Bean Weevils
Granary Weevils
Maize Weevils
Rice Weevils

MOTHS:

Almond Moths
Augoumois Grain Moth
Cocoa Bean Moths
Chocolate Moths
Clothes Moths
European Grain Moths
Indian Meal Moth
Tobacco Moth
Meal Moth
Mediterranean Moths
Pink Scavenger Caterpillars
Rice Moths

GRAIN BORERS:

Larger Grain Borers
Lesser Grain Borers

WIDE AREA MOSQUITO CONTROL

(For wide area community applications by ground or aerial equipment, Ultra Low Volume (ULV) sprays or fogs.)

For use only by federal, state, tribal, or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform adult mosquito control applications, or by persons under their direct supervision.

DIRECTIONS FOR USE

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

OUTDOOR USE – MOSQUITO CONTROL

Use at 0.1% to 0.5% rate

OUTDOOR GROUND FOGGING APPLICATION: Use to kill mosquitoes in open areas near buildings and in campgrounds. Use preferably at a time when temperature is cool (75°F or less) and the wind velocity is approximately 5 mph or less.

DILUTION: Use a white mineral oil conforming to regulation 21 CFR 178.3620(b), or an odorless light petroleum hydrocarbon conforming to 21 CFR 172.882 or 40 CFR 180.910 (Inert ingredients used pre and post-harvest; exemptions from the requirement of a tolerance), and 180.930 (Inert ingredients applied to animals; exemptions from the requirement of a tolerance). Combine oil and BP-50 as directed below and mix well just prior to application.

Pyrethrins % Desired	Mixture Rate	Fluid Ounces of Diluted Product Delivers 0.0025 lb Pyrethrins/Acre
0.50%	1 Part Conc. to 1 Part Oil	19.4 fl oz
0.30%	6 Part Conc. to 7 Parts Oil	32.2 fl oz
0.25%	1 Part Conc. To 4 Parts Oil	38.8 fl oz
0.15%	6 Part Conc. to 17 Parts Oil	64.4 fl oz
0.10%	1 Part Conc. To 9 Parts Oil	97.0 fl oz

This product may be used for mosquito control programs involving residential, industrial, recreational, and agricultural areas as well as swamps, marshes, overgrown waste areas, roadsides and pastures where adult mosquitoes occur. This product may be used over agricultural crops. For best results, apply when temperature is at least 50°F, and when meteorological conditions create a temperature inversion and wind speed is greater than 1 mph. The application should be made so the wind will carry the insecticidal fog into the area being treated. Do not apply more than once/day at a rate of 0.0025 lb/acre/day for a maximum of 260 applications/year. No more than 10 applications should be made to a site in any 2 weeks. More frequent treatments may be made to prevent or control a threat to public and/or animal health determined by a state, tribal or local health or vector control agency on the basis of documented evidence of disease causing agents in vector mosquitoes or the occurrence of mosquito-borne disease in animal or human populations, or if specifically approved by the state or tribe during a natural disaster recovery effort.

GROUND-BASED APPLICATION: To control adult mosquitoes and biting flies, apply up to 0.0025 lbs of pyrethrins/acre. Spray equipment must be adjusted so that the volume median diameter is less than 20 microns (Dv 0.5 < 20 µm) and that 90% of the spray is contained in droplets smaller than 50 microns (Dv 0.9 < 50µm). Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a laser-based measurement instrument must be used to adjust equipment to produce acceptable droplet size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

TRUCK-MOUNTED ULV APPLICATION: Apply at the rate of up to 0.0025 lbs/acre while the machine is traveling 5 - 20 mph. The nozzle should be positioned approximately 30° above the horizontal off the side of the truck bed. The delivery rate and truck speed may be varied as long as the application rate is 0.0025 lbs of pyrethrins/acre (use a 300-ft swath width for acreage calculations). When using Whitmire Micro-Gen or similar truck mounted ULV equipment, spray at a dosage rate of up to 138 fl oz/min from a location up-wind of the areas where insects are to be controlled. Keep speed of vehicle to approximately 5 - 20 mph. Figure application travel path for a coverage of a 300 ft swath. Apply no more than 0.0025 lbs/acre/day.

FLOW RATE For Maximum Delivery 300 ft swath		
Vehicle Speed	Pyrethrins % Desired	Pyrethrins % Desired
	fl oz/min 0.1%	fl oz/min 0.5%
5 mph	138	27.6
10 mph	69	13.8
20 mph	34.5	6.9

HANDHELD EQUIPMENT OR BACKPACK: When using equipment such as Whitmire Micro-Gen ULV equipment, apply at the rate of up to 8.0 fl oz, undiluted, per acre in a 30 ft swath. Allow spray drift to penetrate dense foliage. When used in cold aerosol generators, mechanical or electronic foggers, or misting equipment that produce a fog with the majority of droplets in the 5 - 50 micron range, this product should be diluted with light mineral oil (specific gravity of approximately 0.8 at 60°F, boiling point: 500-840°F). An N.F. grade oil is preferred.

AERIAL APPLICATION (FIXED WING AND HELICOPTER): To control adult mosquitoes and biting flies, apply up to 0.0025 lbs of pyrethrins/acre with equipment designed and operated to produce a ULV spray application. Spray equipment must be adjusted so that the volume median diameter is less than 40 microns (Dv 0.5 < 40 µm) and that 90% of the spray is contained in droplets smaller than 115 microns (Dv 0.9 < 115µm). The effects of flight speed and, for non-rotary nozzles, nozzle angle on the droplet size spectrum must be considered. Directions from the equipment manufacturer or vendor, pesticide registrant or a test facility using a wind tunnel and laser-based measurement instrument must be used to adjust equipment to produce acceptable size spectra. Application equipment must be tested at least annually to confirm that pressure at the nozzle and nozzle flow rate(s) are properly calibrated.

Manufactured for:
Whitmire Micro-Gen Research Laboratories, Inc.®
by BASF Corporation
3568 Tree Court Industrial Blvd.
St. Louis MO 63122-6682
Questions? Call 1-800-777-8570
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