

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Avenue, N.W. Washington, D.C. 20460

NOTICE OF PESTICIDE:

X Registration
Reregistration

EPA Reg. Number: 499-551

Date of Issuance: SEP 2 9 2011

Term of Issuance: Conditional

Name of Pesticide Product:

TC 251C

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code): BASF Corporation

3568 Tree Court Industrial Blvd.

St. Louis, MO 63122

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is  $\underline{\text{conditionally}}$  registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:

- 1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
- 2. You will make the following label changes before you release the product for shipment:
- a. Revise the EPA Registration Number to read "EPA Registration Number 499-551".

Signature of Approving Official: Lola Alle Lein for Rehard Gebken

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#### page 2

EPA Reg. No. 499-551

- b. On page 1 under Hazards to Domestic Animals section move "personal Protective Equipment (PPE):...or cleaning equipment." to the Environmental Hazards section.
- c. Add a Hazards to Domestic Animals and Humans section "CAUTION (optional) Wear: Long-sleeved shirt and long pants, socks, shoes and gloves.".
- d. Since the toxicity category for Acute Oral, Acute Dermal, Acute Inhalation, Primary Eye Irritation, Primary Skin Irritation are Category IV no first aid statements are required. You may use category III statements if you wish to add a First aid section.
- e. On page 1 delete "Additional information may be obtained from your Cooperative Extension Service.".
- f. On page 2 change "Do not apply in aircraft cabins except in compliance with PR Notice 96-3." to "Do not apply in aircraft cabins."
- g. On page 4 change "Repeat treatment as necessary to maintain effectiveness." to "Repeat treatment ever  $x \, days/weeks/months$ ". This should be based on efficacy data.
- h. On page 5 change "See instructions on page x." to "See instructions on page 3.".
- i The perimeter treatment directions are listed twice on page 5 of the label. Only one set of directions is needed. The second paragraph should be deleted.
- j. The pests listed on the label are acceptable based on the cited/submitted data except for carpenter bees and spiders. Ticks should be changed to American dog tick and brown dog tick. Ixodes ticks were not tested. Remove carpenter bees and spiders from the label and modify Ticks to American dog tick and brown dog tick.
- k. Bedbugs should be two words bed bugs because they are "True bugs". Change all "bedbugs" to "bed bugs".

# ACUTE TOXICITY REVIEW

STUDY	MRID	CATEGORY	CLASSIFICATION
Acute Oral	47015202	IV '	Cited
Acute Dermal	47015203	IV	Cited
Acute Inhalation	47263801	IV	Cited
Eye Irritation	47015204	IV	Cited
Dermal Irritation	47015205	IV	Cited
Dermal Sensitization	47015206	Negative	Cited

A copy of the reviews are enclosed for your records.

- 2. You must generate a one year storage stability and corrosion characteristics study corresponding to guideline 830.6317 on the proposed product. It is required that the observations be made at 0, 3, 6, 9, and 12 month intervals. The results must be submitted to the Agency in electronic and hard copy format.
- 3. Please submit two (2) copies of your final printed labeling before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

Master Label

v1.0 (11/2010;pah)

In EPA Letter Dated:

as amended, for the pesticide

stered under EPA Reg. No.

# TC 251C

#### KILLS:

Ants (foraging Carpenter, Fire and Harvester Ants; excluding Pharaoh ants), Bedbugs, Bees, Boxelder Bugs, Cadelles, Carpenter Bees, Centipedes, Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Cockroaches, Crickets, Darkling Beetles, Dermestids, Drugstore Beetles, Earwigs, Elm Leaf Beetles, Firebrats, Fleas, Flies, Flour Beetles, Grain Weevils, Hide Beetles, House Flies, Indianmeal Moths, Larder Beetles, Lesser Grain Borers, Lesser Mealworms, Mediterranean Flour Moths, Merchant Grain Beetles, Mealworms, Millipedes, Mosquitoes, Pill Bugs, Rice Weevils, Sawtoothed Grain Beetles, Scorpions, Silverfish, Sow Bugs, Spiders (excluding Black Widow and Brown Recluse), Springtails, Ticks, Warehouse Moths, Wasps, Webbing Clothes Moths, Wood Wasps, Wood-infesting Borers and Beetles

#### FOR USE IN AND AROUND:

Apartments, Calf Hutches, Calving Pens and Parlors, Campgrounds, Empty Chicken Houses, Dairy Areas, Dog Kennels, Hog Barns, Homes, Horse Barns, Hospitals<sup>†</sup>, Hotels, Milkrooms, Motels, Non-Food Areas of (Food Storage Areas, Grain Mills, Granaries, Meat Packing Plants, and Supermarkets), Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planest), Utilities, Warehouses, Commercial, Institutional<sup>†</sup> and Industrial Buildings

†Refer to the Use Restrictions section for special instructions regarding the use of this product in these sites.

ACTIVE INGREDIENT:	
Permethrin	23.0%
OTHER INGREDIENTS:	
	TOTAL: 100.0%

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

# **KEEP OUT OF REACH OF CHILDREN CAUTION**

See page 2 for First Aid, Precautionary Statements and Directions for Use. Under the Federal Insecticide, Fungicide, and Rodenticide Act,

**NET CONTENTS:** 

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Personal Protective Equipment (PPE): Some materials that are chemical-resistant to this product are:Barrier Laminate and Neoprene rubber >14 mils. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves and shoes plus socks. Wear a chemical-resistant apron when mixing or cleaning equipment.

## **ENVIRONMENTAL HAZARDS**

This product is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Additional information may be obtained from your Cooperative Extension Service.

# **USER SAFETY RECOMMENDATIONS** Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticides get 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. Follow manufacturer's instructions for cleaning/maintaining PPE. If no instructions for washables exist, use detergent and hote water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched (except as required by directions for use) or heavily contaminated with this product's concentrate. Do not reuse them.

## **DIRECTIONS FOR USE**

# IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANOR INCONSISTENT WITH ITS LABELING. GENERAL INFORMATION

## Kills pests on contact.

Apply this product only as specified on this label. This product is a flowable microencapsulated concentrate containing 2 lbs of permethrin per gallon. Heavy applications may leave a visible deposit. On some surfaces, this deposit can be removed with a damp cloth or sponge.

In situations where conventional application methods have not or are not likely to provide adequate coverage, foam generating equipment or similar machines can be used to provide a continuous coverage. Use drier foam inside wall voids to avoid any water damage or electrical short circuits.

For applications to food/feed handling and service areas: Do not apply when food is present. 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. Applications may be made in non food/feed areas such as garbage rooms, restrooms, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling). In the home, all food processing surfaces and utensils, in the treatment area, should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

#### **USE RESTRICTIONS**

- 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.
- Do not apply this product through any type of irrigation system.
- Do not apply water-based sprays of this product to wall outlets, conduits, motor housing, junction and switch boxes or other electrical equipment where electrical short circuits might result because of possible shock hazard.
- Do not apply in aircraft cabins except in compliance with PR Notice 96-3.
- Do not apply to humans, their clothing or bedding.
- Do not apply to firewood.
- Do not use on household pets. Remove from premises or tightly cover fish tanks and disconnect aerators when applying indoors and anywhere such containers are present.
- When applying as a surface spray, do not enter or allow others to enter until sprays have dried.
- Do not apply in patient rooms while occupied or in any rooms while occupied by the elderly or infirm.
- Do not contaminate food, feedstuffs or water supply. Do not contaminate food preparation surfaces, kitchen utensils, dishes, or food storage containers. Cover any food/feed contact surfaces and cooking utensils, in the treatment area, during treatment or thoroughly clean before using.
- Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed (see General Information section for additional information).
- Do not apply to classrooms when in use.
- Do not apply when occupants are present in the immediate area in institutions such as libraries, sport facilities, etc.
- Application to building foundations is permitted to a maximum height of 3 ft.
- Do not apply directly to sewers or drains, or to any area like a gutter where draining to sewers, storm drains, water bodies or aquatic habitat can occur, except as directed by this label.

### **MIXING INSTRUCTIONS**

Thoroughly clean spray equipment before using this product. Shake concentrate well before diluting. When diluting, first add approximately 1/2 of the water to the spray tank and then add the proper amount of product. When emptying the bottles, triple rinse with water, shake well and add the rinsate to the spray tank. Add the rest of the water and agitate the sprayer thoroughly. Agitate sprayer occasionally during use to ensure even mixture. Shake or reagitate sprayer if spraying is interrupted or if dilution is left in sprayer overnight. If spray screens are used, they should be 50 mesh or larger.

**FOAM APPLICATION USE DIRECTIONS:** This product can be converted to a foam and the foam used to treat structural voids to kill insect and arthropod pests in walls, under slabs or in other void areas. Apply as a dry foam (approximately 25:1). Fill void with foam so that all surfaces are contacted. Mix end-use dilution with manufacturer's recommended volume of foaming agent. Use the recommended rate suspension converted to a foam to achieve the desired foam expansion ratio. Verify before treatment that the foaming agent is compatible with product.

#### SPRAY DILUTION CHART

Amount of	Spray Concentrate	
Finished Spray	0.5% Spray	1.0% Spray
1 gal	2 2/3 fl oz	5 1/3 fl oz

Use the higher rate for clean-outs and high insect infestations.

When treating indoor residential sites, use the 0.5% dilution.

Apply as a Crack & Crevice<sup>®</sup> and/or selected spot treatment where insects may be hiding, living and breeding. Not for broadcast use indoors.

#### INDOOR TREATMENTS

CENTIPEDES, COCKROACHES, CRICKETS, DERMESTIDS, EARWIGS, FIREBRATS, MILLIPEDES, PSOCIDS, SILVERFISH, SOWBUGS, SPIDERS (excluding Black Widow and Brown Recluse): Make spot treatment and/or Crack & Crevice injections into hiding places such as cracks and crevices, void areas, moist areas, openings around pipes and sinks and under refrigerators. Repeat as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

**FLIES:** Make spot applications of product on surfaces where flies rest in the dark at night or frequent during the day, such as window frames, screens, trash cans, ceilings and upper wall surfaces.

**CARPET BEETLES (Dermestids):** Treat along edges of carpet, under carpet edge, furniture, throw rugs and as a Crack & Crevice application in closets and other shelving where infested items are stored. Do not treat clothing with this product. Repeat application as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

**BED BUGS:** Take bed apart. Treat joints and channels, such as square or round tubing, and see that the interior framework is treated. Do not treat mattresses. Bed Bugs may also harbor in areas of the room away from the bed. Apply as a Crack & Crevice or spot treatment to night stands and other furniture in the room, wall voids, behind wall hangings, floor moldings, window casings, carpet edges, popcorn ceilings and other cracks & crevices. Apply this product until the surface is wet, but not to the point of runoff.

**TICKS:** Apply as a spot and/or Crack & Crevice treatment in infested and egg laying areas such as pet resting quarters, nearby cracks and crevices, behind baseboards, doors and window frames. Replace old pet bedding with clean, fresh bedding after treatment. Do not treat pets with this product. Repeat application as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

ANTS (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh ants): Inject cracks, crevices and voids where ants may be traveling and/or harboring, including but not limited to, around doors, window frames, and other structural cracks, crevices and voids. Spot treatment of trails and feeding areas may also be made.

**STORED PRODUCT PESTS (exposed Adult and immature stages):** Before storing products, treat warehouses, production facilities, storage areas, rail cars, truck beds and other areas where products are stored. Apply as a spot and/or Crack & Crevice treatment to cracks, crevices and surfaces where pests have been seen or may have harborage. This product may be used to treat grain storage facilities and other listed areas for stored product pests. Cleaning areas prior to using this product will enhance kill. Remove and destroy any infested foodstuffs.

### INDOOR AND OUTDOOR TREATMENTS

Select one of the following dilutions, 0.5% or 1.0%, for insects listed below unless otherwise noted.

HIBERNATING STAGES OF BOXELDER BUGS, ELM LEAF BEETLES, CLUSTER FLIES AND CLOVER MITES: Inject cracks, crevices and/or voids where these insects may be harboring or hibernating. Infested areas include, but are not limited to, cracks and crevices in weep holes, wall voids, around window and door frames and under siding. Treat wall area around entry points on exterior where insects congregate. Repeat application as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

**CARPENTER ANTS:** Make spot and/or Crack & Crevice applications to any trails, inside or outside around doors and windows, and other places where ants enter premises. Areas which may be treated include, but are not limited to, atriums, crawl spaces, ceilings, garages, soffits, wall voids, weep holes and other void areas. Where possible, treat ant nest or infested wood directly. Repeat application as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

**BEES AND WASPS:** As a preventative treatment to help prevent these insects from building nests or workers from congregating on structures, follow perimeter treatment directions under Outdoor Treatments section of label. Pay particular attention to soffit and eave areas. For treatment of nest inside wall voids, inject into the nest a sufficient quantity to treat the entire nest. More than

one point of application may be required. Most applications should require no more than ½ gal of diluted material. Pay particular attention to what the water may contact, such as electrical wiring. Do not use where there is a shock hazard. Apply this product until the surface is wet, but not to the point of runoff.

THIS PRODUCT DOES NOT PROVIDE INSTANT KNOCKDOWN. The best time to treat is late in the day. The colony should be dead in 2 – 3 days. Depending on the situation, protective equipment for the applicator may be required (is advisable).

MOSQUITOES: Apply at the 0.5% rate. Apply directly to walls, ceilings, window screens, and other resting areas as a surface treatment. May be used inside residential buildings as well as in and around carports, garages, and storage sheds; also see Outdoor Treatments. Apply as a general structural perimeter spray to landscape plantings, turf, and building foundations to treat against mosquitoes. Yards or other frequented areas enclosed by landscaping can benefit from the creation of a mosquito barrier to reduce invading mosquitoes by the treatment of perimeter vegetation. Higher volumes applied result in better coverage and, as a rule, will improve kill. Application to vegetation away from structures may require additional certification, e.g. in turf or ornamental categories. Consult your state regulatory agency for requirements.

WOOD DESTROYING INSECTS: Localized treatment of wood-infesting insects – Beetles and Borers (such as the following families: *Anobiidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Dedemerldae, Sesiidae*): Locate suspected infestation and/or insect tunnels and cavities. Drill pilot holes into insect tunnels, gallery and inaccessible closed voids. Drill holes 8 – 10" apart to ensure thorough coverage. Inject 5 – 10 sec/hole. Do not contact electrical wiring, plumbing, etc. Use the 1.0% rate.

#### **OUTDOOR TREATMENTS**

KILLS: Ants (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh ants), Boxelder Bugs, Carpenter Bees, Carpet Beetles, Centipedes, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Earwigs, Elm Leaf Beetles, Fleas, Flies, Millipedes, Mosquitoes, Psocids, Scorpions, Silverfish, Sowbugs, Spiders (excluding Black Widow and Brown Recluse) and Ticks

Not for use in Outdoor Residential Misting Systems.

Use as a spot treatment on outdoor surfaces and/or as a crack, crevice and void treatment of buildings, porches, window frames, eaves, patios, garages, garbage dumps and other areas where pests congregate or enter premises. Repeat treatment as necessary to maintain effectiveness, but not more than twice per week. Treatments must be at least 3 days apart. Use the 0.5% rate.

This product can be applied against pests in outdoor void areas such as meter boxes and manholes. Repeat treatment as necessary, but not more than twice per week. Treatments must be at least 3 days apart. Use the 0.5% rate.

MOSQUITOES: To treat against adult mosquitoes, use hand held, back-pack or truck mounted sprayers only. Not for use in wide area local, state or federal control programs. Not for use with truck mounted cold aerosol ULV sprayers, hand held cold aerosol ULV sprayers or thermal fogging devices. Do not apply by aircraft. Do not apply through any kind of irrigation and/or lawn sprinkler systems. Use up to 150 gal of diluted spray per acre. Treat shrubbery, vegetation and other areas where mosquitoes may rest. Shrubbery and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated if applied as a wet spray. Direct application of this product to any body of water is prohibited.

BROADCAST TREATMENT OF WOOD FOR USE AGAINST WOOD-INFESTING INSECTS AND NUISANCE PESTS OUTSIDE OF STRUCTURE: Apply a 0.5% dilution with a fan spray using a maximum of 25 psi. Apply just to the point of runoff. To treat against wood-infesting insects active inside trees, utility poles and/or fence posts, drill to find the interior infested cavity and inject a 0.5% dilution. To treat against bees apply in late evening when insects are at rest. Aim 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.

#### TREATMENT OF OUTSIDE SURFACES AND AROUND BUILDINGS

Apply as a spot or Crack & Crevice treatment to outside surfaces of buildings including, exterior siding, porches, window frames, eaves, patios, garages, refuse dumps. Surface treatments may be made to lawn areas adjacent or around private homes, duplexes, townhouses, condominiums, house trailers, apartment complexes, carports, garages, fence lines, storage sheds, barns, other residential structures, commercial, industrial and institutional buildings, soil, trunks of woody ornamentals and other areas where pests congregate or have been seen. Repeat treatment as necessary to maintain effectiveness.

Do not water the treated area to the point of run-off.

Do not make applications during rain.

**FLIES:** Apply as a spot or Crack & Crevice treatment to outside surfaces of screens, doors, window frames; on porches; in garages; and other places where insects alight, congregate or may enter or rest. Make several spot treatments on inside and outside surfaces of dumpsters, other trash holding containers and trash storage areas. For best results, begin treatments at the start of the fly season and repeat during periods of heavy fly activity. Treat no more than twice per week and at least 3 days apart.

CRAWLING INSECTS – including Ants (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh ants),
Cockroaches, Crickets, Earwigs, Sowbugs and Scorpions: For treatment of infestations of these insects in outdoor areas
along patios, sidewalks and driveways which are landscaped, planted, mulched or unmaintained. For ants, treat mounds and
runways. Repeat application as infestation warrants and as reinfestation occurs. Apply to cracks and crevices, or make spot
treatments, where insects may enter premises. Areas to be treated include weep holes, under siding, wall voids, soffits, around
attic vents, cracks and crevices, openings around windows, doors and pipes. Treatment of infested fences and tree holes is
permitted.

FLEAS: Treat infested areas with the 0.5% rate.

FOAM APPLICATION USE DIRECTIONS: See instructions on page x.

**PESTS UNDER SLABS:** Infestations of arthropods, such as Ants (foraging Carpenter, Fire, and Harvester ants; excluding Pharaoh ants), Cockroaches and Scorpions inhabiting the area under slabs may be killed by drilling and injecting or horizontal rodding. Using a 0.5% – 1.0% emulsion, inject 1 gal/10 ft² or 2 gal/10 ft.

**CRAWL SPACES:** Broadcast product at 0.5% to all surfaces in crawl space to treat against Ants (foraging Carpenter, Fire, and Harvester ants; excluding Pharaoh ants), Fleas, Roaches, Scorpions or other arthropods. Product may also be applied under the structure through insecticidal delivery systems such as piping or flexible tubing mounted under the structure. Treat surfaces thoroughly but do not allow runoff to occur. Keep children and pets off surface until dry.

**PERIMETER TREATMENT:** To help prevent infestations of buildings, treat a band of soil 6 – 10 ft wide around and adjacent to the building. Also treat the building foundation to a maximum height of 3 ft where pests are active and may find entrance. Product may be applied in compressed air, back-pack or power spray equipment. An application rate of 2 2/3 fl oz/1,000 ft<sup>2</sup> is desirable. Apply in a sufficient amount of water to adequately cover the area being treated, but not to the point of run-off. Alternate directions are to use 10 – 20 fl oz of product per 50 gal of water.

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DILUTION CHART				
Tank Size	Suggested Amount of			
(gallons)	concentrate per tank			
15	4 - 8 fl oz			
25	7 – 14 fl oz			
50	10 - 20 fl oz			

20 - 40 fl oz

# USE IN AND AROUND LIVESTOCK HOUSING

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MAY BE USED IN AND ON OUTSIDE SURFACES OF BUILDINGS (Barns, Dairies, Feedlots, Livestock Houses, Poultry Houses, Stables and Swine Houses): Do not apply to lactating or food animals. Do not contaminate milk, food or drinking water. Close milk bulk tank lids to prevent contamination. Remove all animals prior to making application to housing. Do not apply or allow insecticide to drift onto animals. Do not allow animals to enter treated areas until surfaces are dry.

HOUSE FLIES AND STABLE FLIES: Treat for these pests on outdoor surfaces and in animal areas such as dog kennels, hog barns, horse barns, empty chicken houses, rabbit hutches, dairy areas, milk rooms, calf hutches, calving pens and parlors: Apply as a spot or Crack & Crevice treatment to outside surfaces of screens, doors, window frames; on porches; in garages; and other places where insects alight, congregate or may enter or rest. Make several spot treatments on inside and outside surfaces of dumpsters, other trash holding containers and trash storage areas. For best results, begin treatments at the start of the fly season and repeat during periods of heavy fly activity. Treat no more than twice per week and at least 3 days apart.

CRAWLING INSECTS – including Ants (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh ants), Cockroaches, Crickets, Earwigs, Sowbugs and Scorpions: For treatment of infestations of these insects in outdoor areas along patios, sidewalks and driveways which are landscaped, planted, mulched or unmaintained. For ants, treat mounds and runways. Repeat application as infestation warrants and as reinfestation occurs. Apply to cracks and crevices, or make spot treatments, where insects may enter premises. Areas to be treated include weep holes, under siding, wall voids, soffits, around attic vents, cracks and crevices, openings around windows, doors and pipes. Treatment of infested fences and tree holes is permitted.

DARKLING BEETLES: Apply 2 2/3 - 5 1/3 fl oz concentrate/1,000 ft². Use adequate water to ensure distribution.

**PERIMETER TREATMENT** (including residential structures on farms): To treat against other pests and to help prevent infestations of buildings, treat a band of soil 6 – 10 ft wide around and adjacent to the building. Also treat the building foundation to a maximum height of 3 ft and sides where pests are active and may find entrance. Product may be applied in compressed air, backpack or power spray equipment. An application rate of 2 2/3 fl oz/1,000 ft² is desirable. Apply in a sufficient amount of water to adequately cover the area being treated, but not to the point of run-off. Apply as a spot or Crack & Crevice treatment to other insect entry points such as doors, windows, under siding and eaves of structure.

# 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. Prevent cross-contamination with other pesticides or fertilizers. Do not store above 122°F for extended periods of time. Preferred storage is above 32°F. Storage below 32°F may result in solidification. If warmed to above 32°F, product will return to original form. Freezing does not adversely affect this product. 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 or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Non-refillable container. Empty container by using the product according to the label directions. Do not reuse or refill this container! Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

Empty the remaining contents into application equipment or a mix tank and drain for 10 sec after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 sec. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 sec after the flow begins to drip. Repeat this procedure 2 more times.

Place empty, triple rinsed, 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!

#### CONDITIONS OF SALE AND WARRANTY

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. Whitmire warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) WHITMIRE MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND WHITMIRE'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) WHITMIRE AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Whitmire and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of Whitmire.

Manufactured for:
Whitmire Micro-Gen Research Laboratories, Inc.
by BASF Corporation
3568 Tree Court Industrial Blvd.
St. Louis, MO 63122-6682

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