



To control General Household Pests indoors and around the exterior perimeter of residential, institutional, public, commercial, and industrial buildings.

EPA Reg. No. 8033-96-279	EPA Est. No. 279-NY-1
Active Ingredient:	By Wt.
Acetamiprid	22.73 %
Bifenthrin*	27.27 %
Inert Ingredients:	50.00 %
	100.00%

*Cis isomers 97% minimum, trans isomers 3% maximum.

KEEP OUT OF REACH OF CHILDREN
CAUTION



FMC Corporation
Agricultural Products Group
1735 Market Street
Philadelphia PA 19103

Net Weight: 0.3 ounce water soluble bags

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • Call poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person
If inhaled	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-(800)-331-3148 for Emergency Assistance.	
NOTE TO PHYSICIAN	
This product contains a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided. All treatments should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.	
For Information Regarding the Use of this Product Call 1-800-321-1PMC (1362).	

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

All pesticide handlers (mixers, loaders and applicators) must wear long-sleeved shirt and long pants, socks, shoes and chemical-resistant gloves. After the product is diluted in accordance with label directions for use, and/or when mixing and loading using a closed spray tank transfer system (such as U-Turn®), or an in-line injector system, shirt, pants, socks, shoes and waterproof gloves are sufficient. In addition, all pesticide handlers must wear a respiratory protection device when working in a non-ventilated space. All pesticide handlers must wear protective eyewear when working in non-ventilated space

Use one of the following NIOSH approved respirator with any R, P or HE filter or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter.

When treating adjacent to an existing structure, the applicator must check the area to be treated, as well as immediately adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leaks or significant exposures to persons occupying the structure. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if they see any signs of leakage. After application, the applicator is required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the clean up is completed.

Environmental Hazards

This pesticide is extremely toxic to wildlife, fish and aquatic invertebrates. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Care should be used when spraying to avoid fish and reptile pets in/around ornamental ponds. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops if bees are visiting the treatment area.

Physical and Chemical Hazards

Do not apply water-based dilutions of Transport GHP Insecticide to electrical conduits, motor housings, junction boxes, switch boxes or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

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

Keep water-soluble packets in this container and store in a cool dry place but not below freezing (32°F). Do not remove packets from container except for immediate use.

This product can be used to control ants and a range of other general household pests outdoors around the exterior perimeter of buildings and structures.

STORAGE AND DISPOSAL

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

Pesticide Storage: Keep out of reach of children and animals. Store in original containers only. Do not allow inner bags to become wet during storage. Do not handle inner bag with wet bare hands or wet gloves. Do not put concentrate or diluted material into food or drink containers.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call Chemtrec at 1-800-424-9300.

To Confine Spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal: Pesticide wastes are toxic. Do not contaminate water, food or feed by storage or disposal. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. Dispose of excess or waste pesticide by use according to label directions, or contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal (for outer packaging and WSP bags/envelopes): Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available.

APPLICATION RATE CHART

Application Rate: Number of Transport GHP Water-Soluble Packets	Gals of Water	Concentration of Active Ingredient
1 packet (0.3 oz)	1 gallon	0.11%Active Ingredient

Dilution Chart

Dilution Chart for Perimeter Barrier Applications Around Structures

Application Volume per 1,000 sq. ft.	Transport GHP 0.3 ounce water soluble bags to add			
	Total Mix volume			
	1 Gallon	3 Gallons	5 Gallons	10 Gallons
1.0 gal/1,000 sq. ft	1 packet	3 packets	5 packets	10 packets
2.0 gal/1,000 sq. ft	—	—	—	5 packets
2.5 gal/1,000 sq. ft	—	—	2 packets	—
3.0 gal/1,000 sq. ft	—	1 packet	—	—
5.0 gal/1,000 sq. ft	—	—	1 packet	2 packets

Foam Applications

The Transport GHP Insecticide dilution may be converted to foam with expansion characteristics from 2 to 40 times for localized control or prevention of pests including ants, bees, wasps or other arthropods harboring in walls, under slabs or in other void areas.

Depending on the circumstances, foam applications may be used alone or in combination with liquid dilution applications. Applications may be made behind veneers, piers, chimney bases, into rubble foundations, into block voids or structural voids, under slabs, stoops, porches, or to the soil in crawlspaces, and other similar voids.

Foam and liquid application must be consistent with volume and active ingredient instructions in order to insure proper application has been made. The volume and amount of active ingredient are essential to an effective treatment. At least 75% of the labeled liquid dilution volume of product must be applied, with the remaining percent delivered to appropriate areas using foam application. Refer to label and use recommendations of the foam manufacturer and the foaming equipment manufacturer.

Foam applications are generally a good supplement to liquid treatments in difficult areas, but may be used alone in difficult spots.

Use dry foam (20:1 or greater expansion ratio) for applications to wall voids and stud walls.

Use wet foam (5:1 or lower expansion ratio) for applications to soil, including applications to filled porches.

Mixing table for Transport GHP Insecticide Foam

Desired Foam Expansion Ratio	Amount of Transport GHP	Gallons of Water	Finished Foam (Gallons)	Finished Foam % a.i.
4:1	4 packets	1.0	4	0.11
10:1	10 packets	1.0	10	0.11
20:1	20 packets	1.0	20	0.11
40:1	40 packets	1.0	40	0.11

Application may be made using Transport GHP Insecticide foam alone or in combination with liquid dilution. The equivalent of at least 4 gallons of dilution per 10 linear feet (vertical barrier), or at least 1 gallon of dilution per 10 square feet (horizontal barrier) must be applied either as dilution, foam, or a combination of both.

Household Pest Control – Outdoor Pinstream, Spot, Crack and Crevice or Perimeter Treatment

Controls	Ants (including Red Imported Fire Ants and Carpenter Ants)	Ground-nesting (solitary) bees and wasps
	Bees Beetles* Biting Flies Boxelder Bugs Centipedes Chiggers Clover Mites Cockroaches Crickets Earwigs Elm Leaf Beetles Firebrats Fleas Flies Gnats	Midges Millipedes Mosquitoes Moths Pillbugs Scorpions Silverfish Sowbugs Spider Mites Spiders (including Black Widow) Springtails Stink Bugs Ticks (including Brown Dog Ticks) Wasps *Not for use in California
Where to Apply	Apply as a pinstream, spot, crack and crevice, or perimeter spray on and around outside surfaces of residential and non-residential buildings and structures including, but not limited to, exterior siding, foundations, porches, window frames, eaves, patios, garages, areas adjacent or around private homes, duplexes, townhouses, condominiums, house trailers, apartment complexes, carports, garages, storage sheds, and other structures, and other areas where pests congregate or have been seen.	
Perimeter Treatment Application Rate	As a perimeter treatment, apply as a continual band up to 10 foot wide around the structure and upwards along the foundation to a height of up to 3 feet and around windows, doors, other penetrations and roof eaves, soffets and overhangs. Apply 0.11% concentration of Transport GHP Insecticide in sufficient amount of water (see Dilution Chart) and apply adequately to cover 1,000 square feet. Dilutions may be applied at either high or low volumes. Do not apply more than 0.11% finished dilution per 1,000 square feet.	
Mixing Directions	Fill tank 1/4 to 1/3 full with water. Start pump to begin by-pass agitation and place end of treating tool in tank to allow circulation through hose. Add Transport GHP Insecticide bag(s). Add remaining amount of water. Let pump run and allow recirculation through the hose for 2 to 3 minutes. For backpacks and handheld sprayers, use the 0.3 ounce sized bag. Fill the tank 1/2 full with water. Add Transport GHP Insecticide water soluble bag(s). Agitate tank after adding water and allow 1 to 2 minutes for bags to dissolve in water. Add reaining water. Close application equipment and agitate or shake tank to dissolve any bag remnants in the tank. Transport GHP Insecticide may also be mixed into full tanks of water, but requires substantial agitation to insure uniformity of the dilution.	

Repeat Applications	Retreatment may be necessary to achieve and/or maintain control during periods of high pest pressure. Repeat application is necessary only if there are signs of renewed insect activity.
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Outdoor Ant Control	
Carpenter Ants	<p>Apply Transport GHP Insecticide as a pinstream, spot, crack and crevice, or perimeter spray to carpenter ant trails around doors and windows and other places where carpenter ants have been observed or are expected to forage. For best results, locate and treat carpenter ant nests. Apply a perimeter treatment using either low or high volume applications described in the General Household Pest Control - Outdoor section of this label. The higher dilutions and/or application volumes, as well as more frequent applications, may be necessary when treating concrete surfaces for ant control. Maximum control is generally achieved using the following procedure:</p> <ol style="list-style-type: none"> 1) Treat non-porous surfaces with low volume applications using 0.11% dilution per 1,000 square feet. 2) Treat porous surfaces and vegetation with high volume applications using 0.11% dilution per 1,000 square feet. 3) Treat the trunks of trees that have carpenter ant trails or upon which carpenter ants are foraging using 0.11% dilution and applying this dilution to thoroughly wet the bark from the base of the tree to as high as possible on the trunk.
Nuisance Ants Outdoor (including fire ants)	<p>For best results, locate and treat ant nests. Apply Transport GHP Insecticide as a pinstream, spot, crack and crevice or perimeter treatment to ant trails around doors and windows and other places where ants have been observed or are expected to forage. Apply a perimeter treatment described in the General Household Pest Control - Outdoor section of this label. More frequent applications, may be necessary when treating concrete surfaces for ant control. Maximum control is generally achieved using the following procedure:</p> <ol style="list-style-type: none"> 1) Treat non-porous surfaces with low volume applications using 0.11% dilution per 1,000 square feet. 2) Treat porous surfaces and vegetation with high volume applications using 0.11% dilution per 1,000 square feet.

Specific Pest Control Applications	
Ant and Fire Ant Mounds	Drench mounds with 1-2 gallons of Transport GHP Insecticide at a 0.11% dilution (see Dilution Chart) to each mound area by sprinkling the mound until it is wet and treat 3-feet out around the mound. Use the higher volume for mounds larger than 12". For best results, apply in cool weather, such as in early morning or late evening hours, but not in the heat of the day.
Carpenter Ants in trees, utility poles, fencing, deck materials and similar structural members	Drill to locate the interior infested cavity and inject or foam the 0.11% dilution (see Dilution Chart) into the cavity using a sufficient volume and an appropriate treatment tool with a splash-back guard.
Ground-nesting (solitary) Bees and Wasps (including Bumble Bees, Sweat Bees, Mining Bees, Digger Bees, Leafcutting Bees, Digger or Threadwaisted Wasps)	<p>Ground-nesting bees and wasps are helpful biocontrol agents and valuable pollinators. They should be ignored if possible. If control is necessary, however, nest entrances must first be located. Watch the insects during the day when they are active. Groups of single nests occur in bare soil, grassy/weedy areas, or cavities of shrubs, stems, twigs, or logs. Treatment of tunnels and the surrounding area at dusk or after dark improves product contact to individual in-ground nest dwellers.</p> <p>Individual nest drenches should be applied by using 0.3 ounces of Transport GHP Insecticide per 1,000 square feet in and around each cavity. Cover the entrance hole with soil after application. For preventative treatment, broadcast Transport GHP Insecticide in enough finished volume of water to penetrate the groundcover so that 0.3 ounces are applied per 1,000 Square Feet.</p>
Wood piles and stored lumber	To protect firewood or lumber from carpenter ants, make up a 0.11% dilution (see Dilution Chart) of Transport GHP Insecticide and apply as a spot treatment to the soil beneath where the firewood or lumber will be stacked at the rate of one gallon of dilution per 8 square feet. Treated wood can be burned as firewood or used as lumber one month after treatment.
Underground Services	<p>Underground Services such as: wires, cables, utility lines, pipes, conduits, etc. Services may be within structures or located outside of structures.</p> <p>Soil treatment may be made using Transport GHP Insecticide dilution to prevent attack by Termites and Ants.</p> <p>Apply 2 gallons of 0.11% dilution (see Dilution Chart) per 10 linear feet to the bottom of the trench and allow liquid to soak into the soil. Lay services on the treated soil and cover with approximately 2 inches of fill soil. Apply another 2 gallons per 10 linear feet over the soil surface to complete the treatment barrier. In wide trenches, only treat the soil in the area near the services. It is important to establish a continuous barrier of treated soil surrounding the services.</p> <p>Where soil will not accept the above-labeled volume, 1 gallon of 0.11% dilution of Transport GHP Insecticide may be used per 10 linear feet of trench both to the bottom of the trench and over the soil on top of the services.</p> <p>Finish filling the trench with treated fill soil. The soil where each service protrudes from the ground may be treated by trenching/rodding of no more than 1 to 2 gallons of 0.11% dilution into the soil.</p>

Posts, Poles and Other Constructions	<p>Create an insecticidal barrier in the soil around wooden constructions such as signs, fences and landscape ornamentation by applying a dilution.</p> <p>Previously installed poles and posts may be treated by sub-surface injection or treated by gravity-flow through holes made from the bottom of a trench around the pole or post. Treat on all sides to create a continuous insecticidal barrier around the pole. Use 1 gallon of 0.11% dilution (see Dilution Chart) per foot of depth for poles and posts less than six inches in diameter. For larger poles, use 1.5 gallons of 0.11% dilution per foot of depth. Apply to a depth of 6 inches below the bottom of the wood. For larger constructions, use 4 gallons per 10 linear feet per foot of depth.</p>
Pests Under Slabs	Infestations of Arthropods, such as Ants, Cockroaches and Scorpions inhabiting under slab areas may be controlled by drilling and injecting or horizontal rodding and then injecting 1 gallon of 0.11% dilution (see Dilution Chart) per 10 square feet or 2 gallons of 0.11% dilution per 10 linear feet.
Pest Control in Crawlspace and Voids	Apply Transport GHP Insecticide 0.11% dilution (see Dilution Chart) to all surfaces in crawlspace and/or voids to control ants, fleas, roaches, scorpions, or other arthropods. Product may also be applied through insecticidal delivery systems such as piping or flexible tubing mounted under and/or around the structure as a crack and crevice or spot treatment. Treat surfaces to point of runoff. Keep children and pets off surface until dry.

Household Pest Control - Indoor																											
Controls	<table> <tr> <td>Ants (including Red Imported Fire Ants and Carpenter Ants)</td><td>Midges</td></tr> <tr> <td>Bed Bugs</td><td>Millipedes</td></tr> <tr> <td>Bees</td><td>Moths (including Cloth Moths)</td></tr> <tr> <td>Beetles (including Carpet Beetles)</td><td>Pillbugs</td></tr> <tr> <td>Boxelder Bugs</td><td>Scorpions</td></tr> <tr> <td>Centipedes</td><td>Silverfish</td></tr> <tr> <td>Cockroaches</td><td>Sowbugs</td></tr> <tr> <td>Crickets</td><td>Spiders (including Black Widow and Brown Recluse)</td></tr> <tr> <td>Earwigs</td><td>Springtails</td></tr> <tr> <td>Firebrats</td><td>Stink bugs</td></tr> <tr> <td>Fleas</td><td>Ticks</td></tr> <tr> <td>Flies</td><td>Wasps</td></tr> <tr> <td>Gnats</td><td></td></tr> </table>	Ants (including Red Imported Fire Ants and Carpenter Ants)	Midges	Bed Bugs	Millipedes	Bees	Moths (including Cloth Moths)	Beetles (including Carpet Beetles)	Pillbugs	Boxelder Bugs	Scorpions	Centipedes	Silverfish	Cockroaches	Sowbugs	Crickets	Spiders (including Black Widow and Brown Recluse)	Earwigs	Springtails	Firebrats	Stink bugs	Fleas	Ticks	Flies	Wasps	Gnats	
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Where to Apply	<p>Apply for residual pest control in residential and non-residential buildings and structures. Apply either as a crack and crevice, pinstream, spot, coarse, low-pressure spray (25 p.s.i. or less) or with a paintbrush.</p> <p>Apply to areas where pests hide, such as baseboards, corners, storage areas, closets, around water pipes, doors and windows, attics and eaves, behind and under refrigerators, dishwashers, cabinets, sinks, furnaces, stoves, the underside of shelves, drawers and similar areas and other possible pest harborage sites. Do not use as a space spray. Pay particular attention to cracks and crevices. Do not apply as a broadcast spray indoors.</p>																										
Application Rate	Apply 0.11% concentration of active ingredient in sufficient amount of water (see Dilution Chart) and apply adequately to cover 1,000 square feet. Do not apply more than 0.11% finished dilution per 1,000 square feet.																										
Mixing Directions	<p>For backpacks and handheld sprayers, use the 0.3 ounce sized bag. Fill the tank 1/2 full with water. Add Transport GHP Insecticide. Allow 1 to 2 minutes for bags to dissolve in water. Add remaining water. Close application equipment and agitate or shake tank to dissolve any bag remnants in the tank.</p> <p>Mixing with warm water (68°F or higher) will decrease water soluble bag dissolution time.</p>																										
Ants (including Carpenter Ants and Nuisance Ants)	<p>Apply to areas where ants have been observed or are expected to forage. Particular attention should be given to treating entry points into the home or premises such as around doors and windows and other places where ants and ant trails may be found.</p> <p>For added Carpenter Ant control, spray or foam into cracks and crevices or drill holes and spray, mist or foam into voids where Carpenter Ants or their nests are present.</p> <p>When using Transport GHP Insecticide in combination with baits, apply Transport GHP Insecticide as instructed above, and use baits in other areas that have not been treated with Transport GHP Insecticide.</p>																										

Bed Bugs	<p>Thorough application should be made to crack and crevices where evidence of bed bugs occurs. This includes bed frames, box springs, inside empty dressers and clothes closets and carpet edges, high and low wall moldings and wallpaper edges, wall hangings, mirrors, pictures, electrical switch plates, furniture, door frames, bookcases and windowframes.</p> <p>When treating furniture, pay special attention to tufts, folds, seams and difficult-to-access areas. On furniture do not apply to seating areas, arms or areas where direct skin contact can occur.</p> <p>Do not use this product on bed linens, pillows, mattresses or clothes. Remove all clothes and other articles from dressers or clothes closets before application. Allow all treated areas to thoroughly dry before use. Not recommended for use as sole protection against bedbugs. If evidence of bedbugs is found in/on mattresses, use products approved for this use.</p>
Bees and Wasps	To control Bees, Wasps, Hornets, and Yellow Jackets indoors, application should be made in the late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible.
Occasional Invaders	To control Boxelder Bugs, Centipedes, Earwigs, Beetles, Millipedes, Pillbugs, and Sowbugs, apply around doors and windows and other places where these pests may be found or where they may enter premises. Spray baseboards, storage areas and other locations.
Crawling and Flying Insect Pests	To control Cockroaches, Crickets, Firebrats, Flies, Gnats, Midges, Moths, Scorpions, Silverfish, Spiders, apply as a coarse, low pressure spray to areas where these pests hide, such as baseboards, corners, storage areas, closets, around water pipes, doors and windows, attics and eaves, behind and under dishwashers, refrigerators, cabinets, sinks, furnaces, and stoves, the underside of shelves, drawers and similar areas. Pay particular attention to cracks and crevices.
Important	Do not use in food/feed areas of food/feed handling establishments, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food/feed is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where food may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed. Not for use in Federally inspected meat and poultry plants.

Specific Indoor Pest Control Applications

Warehouses and Stores	Transport GHP Insecticide may be applied as a spot or crack and crevice treatment in non-food storage warehouses and stores. Apply no more than 0.11% dilution (see Dilution Chart) of Transport GHP Insecticide per 1,000 square feet to provide adequate coverage. Apply to all areas that may harbor pests, including under and between pallets, bins and shelves. Do not apply direct to food grain bins (interior) or animals.
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RESTRICTIONS

Do not apply in a perimeter treatment to areas beyond 10 feet from the foundation of the structure, unless using as a spot treatment.

Do not use as a space spray.

Do not use in and around the exterior perimeter of commercial barns, stables, paddocks. Do not use in grazing areas, feed lots or other similar areas used for housing, boarding, and/or rearing animals. This product may be used around barns and stables on residential property.

Do not apply by air.

Do not apply as a broadcast indoors or as a broadcast spray on lawns and turf.

Do not apply in greenhouses or nurseries.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

Do not apply this product through any kind of irrigation system.

Not for use on sod farm turf, golf course turf, or grass grown for seed.

Do not apply to pets, crops, or sources of electricity.

Do not treat electrically active underground services.

Do not treat areas where food is exposed. Do not allow spray to contact food, foodstuffs, food contacting surfaces, food utensils or water supplies.

Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product.

Let surfaces dry before allowing people and pets to contact surfaces.

Transport GHP Insecticide will not stain or damage any surface that water alone will not stain or damage.

Application equipment that delivers low volume treatments, such as the Micro-Injector® or Actisol® applicators, may also be used to make crack and crevice, deep harborage, spot and general surface treatments of Transport GHP Insecticide.

Wear protective clothing; unvented goggles, gloves and a respirator approved by NIOSH, when applying to overhead areas or in poorly ventilated or confined areas.

Conditions of Sale of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC Corporation or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC Corporation and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC Corporation MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT TO THE EXTENT ALLOWED BY STATE LAW. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC Corporation and buyer assumes the risk of any such use.

To the extent consistent with applicable law, FMC Corporation or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC Corporation AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC Corporation OR SELLER, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

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MATERIAL SAFETY DATA SHEET

TRANSPORT™ GHP INSECTICIDE

MSDS #: 6348-1-A
Revision date: 2014-12-17
Version 1.01



This MSDS has been prepared to meet U.S. OSHA Hazard Communication Standard 29 CFR 1910.1200 And Canadian Workplace Hazardous Materials Information System (WHMIS) requirements.

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name	TRANSPORT™ GHP INSECTICIDE
Formula code	006348
Active Ingredient(s)	Bifenthrin, Acetamiprid
Synonyms	BIFENTHRIN: (2-methyl[1,1'-biphenyl]-3-yl)methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate; IUPAC: 2-methylbiphenyl-3-ylmethyl (Z)-(1RS)-cis-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate; ACETAMIPRID: (E)-1-(6-chloro-3-pyridylmethyl)-N-nitroimidazolidin-2-ylideneamine;(2E)-1-[(6-chloro-3-pyridinyl) methyl]-N-nitro-2-imidazolidinimine
Chemical Family	Pyrethroid Pesticide, Neonicotinoid
Recommended Use:	Insecticide
<u>Manufacturer/Supplier</u> FMC Corporation Agricultural Solutions 1735 Market Street Philadelphia, PA 19103 General Information: Phone: (215) 299-6000 E-Mail: msdsinfo@fmc.com	<u>Emergency telephone number</u> For leak, fire, spill or accident emergencies, call: 1 800 / 424 9300 (CHEMTREC - U.S.A.) 1 703 / 527 3887 (CHEMTREC - Collect - All Other Countries) Medical Emergencies: 1 800 / 331-3148 (PROSAR - U.S.A. & Canada) 1 651 / 632-6793 (PROSAR - All Other Countries - Collect)

2. HAZARDS IDENTIFICATION

<u>Appearance</u>	White powder
<u>Physical State</u>	Dry powder
<u>Odor</u>	Faint hydrocarbon
<u>Physical or Chemical Hazards</u>	
Flammable properties	Powdered material may form explosive dust-air mixtures.
<u>Potential Health Effects</u> Principal Routes of Exposure	Skin Contact, Eye Contact, Inhalation. Ingestion
Acute Effects Eyes	Irritating to eyes.

Skin
Inhalation
Ingestion

Substance may cause slight skin irritation.
May cause irritation of respiratory tract.
May be harmful if swallowed. May cause central nervous system depression. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects

Bifenthrin: Long-term exposure caused neurotoxicity (tremors and impaired gait) in the early exposure in animal studies, but tremors disappeared with continued exposure.

Acetamiprid: Prolonged exposure in animal studies caused nonspecific toxicity observed as decreases in body weight and food consumption.

Environmental Hazard

See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Hazardous ingredients**

Chemical name	CAS-No	Weight %
Bifenthrin	82657-04-3	27.3
Acetamiprid	135410-20-7	22.7
Synthetic amorphous silica	112926-00-8	30-40
crystalline silica, quartz	14808-60-7	0.1-1

4. FIRST AID MEASURES**Eye Contact**

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

Skin Contact

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.

Inhalation

Move person to fresh air. If person is not breathing, call 911 (within the U.S. and Canada) 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.

Ingestion

Call a physician or poison control center immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Notes to Physician

This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.

5. FIRE-FIGHTING MEASURES**Flammable properties**

Powdered material may form explosive dust-air mixtures.

Suitable Extinguishing Media

Carbon dioxide (CO₂). Dry chemical, Foam.

Hazardous Combustion Products

None known.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

NFPA

Health Hazards	2
Flammability	1
Stability	0
Special Hazards	-

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Isolate and post spill area. Remove all sources of ignition. Ventilate the area. Wear suitable protective clothing, gloves and eye/face protection. For personal protection see section 8.
Environmental Precautions	Keep people and animals away from and upwind of spill/leak. Keep material out of lakes, streams, ponds, and sewer drains.
Methods for Containment	Use a wet sweeping compound or water to prevent dust formation.
Methods for cleaning up	Sweep up and shovel into suitable containers for disposal. Clean and neutralize spill area, tools and equipment by washing with bleach water and soap. Absorb rinsate and add to the collected waste. Waste must be classified and labeled prior to recycling or disposal. Dispose of waste as indicated in Section 13.
Other	For further clean-up instructions, call FMC Emergency Hotline number listed in Section 1 "Product and Company Identification" above.

7. HANDLING AND STORAGE

Handling	Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.
Storage	Keep in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children and animals. Keep/store only in original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	Mexico
Synthetic amorphous silica 112926-00-8				Mexico: TWA 10 mg/m ³
crystalline silica, quartz 14808-60-7	TWA: 0.025 mg/m ³		IDLH: 50 mg/m ³ TWA: 0.05 mg/m ³	Mexico: TWA 0.1 mg/m ³
Chemical name	British Columbia	Quebec	Ontario TWAEV	Alberta
Synthetic amorphous silica 112926-00-8	TWA: 4 mg/m ³ TWA: 1.5 mg/m ³	TWA: 6 mg/m ³	TWA: 10 mg/m ³	
crystalline silica, quartz 14808-60-7	TWA: 0.025 mg/m ³	TWA: 0.1 mg/m ³	TWA: 0.10 mg/m ³	TWA: 0.025 mg/m ³

Occupational exposure controls

Engineering measures	Apply technical measures to comply with the occupational exposure limits. When working in confined spaces (tanks, containers, etc.), ensure that there is a supply of air suitable for breathing and wear the recommended equipment.
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Personal protective equipment

General information	If the product is used in mixtures, it is recommended that you contact the appropriate protective equipment suppliers. These recommendations apply to the product as supplied.
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Respiratory Protection	For dust, splash, mist or spray exposures wear a filtering mask.
Eye/Face Protection	For dust, splash, mist or spray exposure, wear chemical protective goggles.
Skin and Body Protection	Wear long-sleeved shirt, long pants, socks, shoes, and gloves.
Hand Protection	Protective gloves
Hygiene measures	Clean water should be available for washing in case of eye or skin contamination. Wash skin prior to eating, drinking, chewing gum or using tobacco. Shower or bathe at the end of working. Remove and wash contaminated clothing before re-use. Launder work clothing separately from regular household laundry.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	White powder
Color	White
Physical State	Dry powder
Odor	Faint hydrocarbon
pH	6.5-7.5
Boiling Point/Range	Not applicable
Flash point	Not applicable
Flammable properties	Powdered material may form explosive dust-air mixtures.
Density	0.1538 g/mL (loose); 0.2151 g/mL (tapped)
Water solubility	No information available

10. STABILITY AND REACTIVITY

Stability	Stable.
Conditions to Avoid	Heat, flames and sparks.
Materials to avoid	Strong oxidizing agents, Strong acids, Strong bases.
Hazardous Decomposition Products	Carbon oxides (COx), Hydrogen chloride, Hydrogen fluoride.
Hazardous polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Effects

Acute toxicity

Large doses of bifenthrin ingested by laboratory animals produced signs of toxicity including convulsions, tremors and bloody nasal discharge. Bifenthrin does not cause acute delayed neurotoxicity. Experience to date indicates that contact with bifenthrin may occasionally produce skin sensations such as rashes, numbing, burning or tingling. These sensations are reversible and usually subside within 12 hours.

Eye Contact	Moderately irritating to the eyes.
Skin Contact	Slightly or non-irritating (rabbit).
LD50 Dermal	> 2000 mg/kg (rabbit)
LD50 Oral	> 550 mg/kg (rat)
LC50 Inhalation	> 0.51 mg/L 4 hr (rat) - Maximum attainable concentration (zero mortality)

Sensitization Non-sensitizing

Chronic Effects**Chronic toxicity** Bifenthrin: Long-term exposure caused neurotoxicity (tremors and impaired gait) in the early exposure in animal studies, but tremors disappeared with continued exposure.

Acetamiprid: Prolonged exposure in animal studies caused nonspecific toxicity observed as decreases in body weight and food consumption.

Carcinogenicity Bifenthrin: Weak treatment-related response for liver adenocarcinomas and benign bladder tumors (lesion) in male mice.

Acetamiprid: No evidence of carcinogenicity from animal studies.

Mutagenicity Bifenthrin, Acetamiprid: Not genotoxic in laboratory studies.**Reproductive toxicity** Bifenthrin: No toxicity to reproduction in animal studies.

Acetamiprid: Reductions in pup weight, litter size, viability and weaning indices; delay in sexual maturity endpoints.

Neurological effects Bifenthrin: Causes clinical signs of neurotoxicity (tremors, impaired gait, excessive salivation) following acute or subchronic exposure. Tremors disappeared with continued exposure.

Acetamiprid: Caused clinical signs of neurotoxicity (decreased locomotor activity, tremors) in animal studies.

Developmental toxicity Bifenthrin, Acetamiprid: Not teratogenic in animal studies.**Target organ effects** Bifenthrin: Central Nervous System.

Acetamiprid: No specific target organ toxicity; the liver effects were considered an adaptive response to chemicals rather than frank toxicity.

Chemical name	ACGIH	IARC	NTP	OSHA	NIOSH - Target Organs
Synthetic amorphous silica		Group 3			
crystalline silica, quartz	A2	Group 1	Known	X	eyes, respiratory system

12. ECOLOGICAL INFORMATION**Ecotoxicity effects**

Bifenthrin (82657-04-3)				
Active Ingredient(s)	Duration	Species	Value	Units
Bifenthrin	96 h LC50	Fish	0.1	µg/L
	72 h EC50	Algae	0.822	mg/L
	48 h EC50	Crustacea	0.11	µg/L
	21 d NOEC	Fish	0.012	µg/L
	21 d NOEC	Crustacea	0.0013	µg/L

Acetamiprid (135410-20-7)				
Active Ingredient(s)	Duration	Species	Value	Units
Acetamiprid	72 h EC50	Algae	>98.3	mg/L
	96 h LC50	Fish	>100	mg/L
	48 h LC50	Crustacea	49.8	mg/L
	21 d NOEC	Fish	19.2	mg/L

	21 d NOEC	Crustacea	5	mg/L
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Environmental Fate

Persistence and degradability Bifenthrin: Moderately persistent. Does not readily hydrolyze. Not readily biodegradable.

Acetamiprid: Non-persistent. Does not readily hydrolyze. Not readily biodegradable.

Bioaccumulation Bifenthrin: The substance has a potential for bioconcentration.

Acetamiprid: The substance does not have a potential for bioconcentration.

Mobility Bifenthrin: Immobile Not expected to reach groundwater.

Acetamiprid: Moderately mobile. Has some potential to reach groundwater.

13. DISPOSAL CONSIDERATIONS

Waste disposal methods Improper disposal of excess pesticide, spray mixture, or rinsate is prohibited. If these wastes cannot be disposed of by use according to label instructions, contact appropriate disposal authorities for guidance.

Contaminated Packaging Containers must be disposed of in accordance with local, state and federal regulations. Refer to the product label for container disposal instructions. Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT This material is not a hazardous material as defined by U.S. Department of Transportation at 49 CFR Parts 100 through 185.

TDG Classification below is only applicable when shipped by vessel and is not applicable when shipped by road or rail only.

UN/ID no	UN3077
Proper Shipping Name	Environmentally hazardous substance, solid, n.o.s.
Hazard class	9
Packing Group	III
Marine Pollutant	Bifenthrin
Description	UN3077, Environmentally hazardous substance, solid, n.o.s. (Bifenthrin), 9, PGIII, Marine Pollutant

ICAO/IATA

UN/ID no	UN3077
Proper Shipping Name	Environmentally hazardous substance, solid, n.o.s.
Hazard class	9
Packing Group	III
Marine Pollutant	Bifenthrin
Description	UN3077, Environmentally hazardous substance, solid, n.o.s. (Bifenthrin), 9, PGIII

IMDG/IMO

UN/ID no	UN3077
Proper Shipping Name	Environmentally hazardous substance, solid, n.o.s.
Hazard class	9
Packing Group	III
EmS No.	F-A, S-F
Marine Pollutant	Bifenthrin
Description	UN3077, Environmentally hazardous substance, solid, n.o.s. (Bifenthrin), 9, PGIII, Marine Pollutant

15. REGULATORY INFORMATION

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical name	CAS-No	Weight %	SARA 313 - Threshold Values %
Bifenthrin	82657-04-3	27.3	1.0

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic health hazard	Yes
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

International Regulations**Mexico - Grade**

Moderate risk, Grade 2

Chemical name	Carcinogen Status	Mexico
Synthetic amorphous silica		Mexico: TWA 10 mg/m ³
crystalline silica, quartz		Mexico: TWA 0.1 mg/m ³

CANADA

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

WHMIS Hazard Class

D2A - Very toxic materials



16. OTHER INFORMATION

Revision date: 2014-12-17
Reason for revision: (M)SDS sections updated.

Disclaimer

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End of Safety Data Sheet