

Fleas and Ticks outdoors:

To control fleas and pet ticks, apply to kennels, runs, and other areas that pets have been present. For best outdoor control of ticks, apply spray to vegetation, brush, branches, and other areas near habitation where ticks may harbor or frequent. Treat the entire area and retreat as necessary to maintain control. Do not apply to pasture or cropland and do not allow animals and people to access to treated areas until the application has dried. DO NOT SPRAY PETS WITH THIS PRODUCT. Treat dogs and cats with a product registered for use on animals.

Insect control in ornamental trees and landscapes:

For residential and commercial trees, shrubs, ground covers, and bedding and foliage plants that will not be harvested for food, apply Onslaught FastCap Spider & Scorpion Insecticide in appropriate volumes of water to obtain thorough coverage. Apply as a full-coverage foliar spray, applying to the point of drip but not runoff. Treat active soil pests with an application to surrounding soil. Repeat treatments as necessary to achieve control, using higher application rates as pest pressure and foliage area increases. Repeat applications as necessary, but no more than once every seven (7) days. Certain plants may be sensitive to the final spray solution. A small-scale test is recommended to verify safety to ornamental plants. Spray and observe for one (1) week prior to application of an entire planting.

Insect control on lawns, turf grass, and turf:

For best results, lawn or turf grass should be mowed 1 – 2 days before spraying. Treat with spraying equipment or a hand sprayer. Use application volumes of up to 10 gallons per 1,000 square feet (400 ml/m²) to get uniform coverage when treating dense grass foliage. For low volume applications using less than 2 gallons of spray solution per 1,000 square feet (80ml/m²), immediate irrigation with at least 0.25 inches (0.635 cm) of water is recommended to improve effectiveness on sub-surface pests.

When hand spraying, spray using a slow, even sweeping motion, making sure to cover the entire lawn or turf grass area where pests are observed. Spray under ornamentals and trees. Repeat treatments may be necessary at 7 – 14-day intervals.

Rate range:

Use lower rate range for pests that are commonly exposed and will be contacted by spray solution at the time of application. For pests that will not be contacted by spray solution at the time of application, use the upper rate range. Use 1 fl. oz per 1,000 sq. ft. (7.93 ml/L) when treating Mole Crickets and Chinch Bugs.

To kill Swarming Termites: OUTDOORS ONLY

Apply spray mix as a coarse, wetting spray when swarming termites are seen emerging from woodpiles, wooden fence posts, wooden structures, or from the ground. Swarming usually occurs in the spring or at other times when a termite colony becomes overcrowded and new reproductive termites with wings emerge and fly away to mate and establish new colonies. This treatment will control the sprayed termites and will not protect the structure from which the swarm is coming. Use only as a contact spray to kill emerging reproductive (winged) and worker termites emerging from infested wood. This treatment is not a substitute for a comprehensive termite control program.

To kill wood destroying pests: OUTDOORS ONLY

Apply spray mix as a coarse, wetting spray to exposed pests and to the damaged areas of wood, spraying into galleries or tunnels in the exposed wood. Also, spray around doors, window and door frames, and other areas where these pests may hide or enter the house. Spray into cracks and crevices and, if necessary, drill small holes and spray into inaccessible wooden structural voids where these pests are suspected.

Mosquito breeding sites:

Mosquito populations may be reduced by application of Onslaught FastCap Spider & Scorpion Insecticide to sites where mosquitoes rest, harbor, and breed. Apply spray solution into tall grass, shrubbery, and around backyards and lawns where these pests may hover or rest. Apply while air is still.

Not for wide area mosquito abatement using aerial or truck mounted cold aerosol ULV sprayers and thermal fogging devices.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear (goggles, face shield or safety glasses with side shields). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other aquatic invertebrates. 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. Rising application equipment over the treated area will help avoid run off to water bodies or drainage system.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirement of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

STORAGE AND DISPOSAL:

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

PESTICIDE STORAGE:

Store in a cool, dry area under lock and key. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

PESTICIDE DISPOSAL:

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local government or by industry).

CONTAINER HANDLING

Nonrefillable container. Do not reuse or refill this container.

Triple rinse as follows: Empty the remaining contents into the application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into the application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.

Onslaught[®] FAST CAP[®]

Spider & Scorpion Insecticide

Specimen Label

ACTIVE INGREDIENTS:

Esfenvalerate	6.40%
Prallethrin	1.60%
Piperonyl butoxide.....	8.00%
OTHER INGREDIENTS*	84.00%
	100.00%

*Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside for first aid and precautionary statements.

DIRECTIONS FOR USE

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

Remove pets and birds, cover fish aquariums before spraying.

For control of insects, indoors and outdoors, in food and non-food areas such as, but not limited to: homes, schools, warehouses, office buildings, apartment buildings, theatres, hotels, industrial buildings, motels, kennels, livestock housing, food processing plants, food service establishments, restaurants, supermarkets and grocery stores, transportation equipment, truck trailers, railroad cars, and food manufacturing and warehousing establishments. Also for use on backyards, lawns, trees, ornamental landscaping, recreational areas, parks and athletic fields.

INSECTS CONTROLLED:	Cadelles	Face Flies	Furniture Beetles	Filbert Worms	Pecan Spittlebugs
Ants	Cigarette Beetles	Fruit Flies	Old House Borers	Flea Beetles	Pecan Stem Phylloxera
Aphids	Confused Flour Beetles	Fungus Gnats	Powder Post Beetles	Grasshoppers	Pecan Weevils
Asian Lady Beetles	Dark Mealworms	Gnats	Round-headed House Borers	Green Cloverworms	Pepper Weevils
Bed Bugs	Dried Fruit Beetles	Horn Flies	Swarming Termites	Green Fruitworms	Periodical Cicadas
Beetles	Drugstore Beetles	Houseflies	PLANT PESTS INCLUDING:	Gypsy Moth Caterpillars	Pickleworms
Boxelder Bugs	Flat Grain Beetles	Mosquitoes	Alfalfa Caterpillars	Hickory Shuckworms	Pillbugs
Brown Marmorated Stink Bugs	Fruit Flies	Small Flying Moths	American Plum Borers	Imported Cabbageworms	Pine Chafers
Carpet Beetles	Grain Mites	Whiteflies	Annual Bluegrass Weevils	Japanese Beetles	Pine Coreid Bugs
Cockroaches	Grain Moths	BITING AND STINGING PESTS:	Aphids	Lace Bugs	Plant Bugs
Crickets	Granary Weevils	Bed Bugs	Apple Maggots	Leaf Feeding Caterpillars	Plum Curculios
Dog Ticks	Indian Meal Moths	Bees	Armyworms	Leaf Miners	Red Pine Sawflies
Earwigs	Lesser Grain Borers	Biting Flies	Artichoke Plum Moth	Leaf Rollers	Red-headed Pine Sawflies
Fire Ants	Maize Weevils	Chiggers	Bagworms	Leaf Tiers	Red-striped Fireworms
Firebrats	Meal Moth Larvae	Chiggers	Balsam Woolly Adelgids	Leafhoppers	Rindworms
Fleas	Mediterranean Flour Moths	Deer Flies	Beet Armyworms	Lesser Appleworms	Salt Marsh Caterpillars
Mealy Bugs	Merchant Grain Beetles	Deer Ticks	Billbugs	Lesser Peach Tree Borers	Sap Beetles
Midges	Red Flour Beetles	Dog Ticks	Blueberry Spanworms	Loopers	Scales
Millipedes	Rice Weevils	Fire Ants	Brown Marmorated Stinkbug	Lygus Bugs	Sod Webworms
Mites	Rusty Grain Beetles	Fleas	Cherry Fruit Flies	Mexican Bean Beetles	Sowbugs
Pillbugs	Saw-toothed Grain Beetles	Gnats	Cherry Fruitworms	Mites	Spiders
Psocids	Skippers	Hornets	Chinch Bugs	Naval Orangeworms	Spittlebugs
Scales	Spider Beetles	Lice	Codling Moths	Northern Pine Weevils	Stink Bugs
Silverfish	Spider Mites	Mosquitoes	Cowpea Curculios	Oriental Fruit Moths	Tarnished Plant Bugs
Spiders	Square-necked Grain Beetles	Scorpions	Cranberry Fruitworms	Painted Lady Caterpillars	Tent Caterpillars
Springtails	Tobacco Moths	Spiders	Cranberry Weevils	Pea Weevils	Thrips
Swarming Termites	Yellow Mealworm	Ticks	Cucumber Beetles	Peach Tree Borers	Tobacco Hornworms
Ticks	FLYING INSECTS INCLUDING:	Wasps	Cutworms	Peach Twig Borers	Tufted Apple Bud Moths
Waterbug	Blow Flies	Yellow Jackets	Diamondback Moths	Pear Slugs	Velvet Bean Caterpillars
STORED PRODUCT PESTS INCLUDING:	Chiggers	WOOD-DESTROYING PESTS INCLUDING:	Elm Leaf Beetles	Pecan Leaf Phylloxera	Walnut Husk Flies
Angoumois Grain Moths	Clothes Moths	Carpenter Ants	European Pine Sawflies	Pecan Nut Casebearers	Western Bean Cutworms
Ants	Crane Flies	Carpenter Bees	Fall Webworms		Whiteflies
	Deer Flies	Deathwatch Beetles			



EPA Reg. No. 1021-2574
EPA Est. No. 1021-MN-2
0212-0612



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¹Kills German Cockroaches for up to 12 months (1 year) on indoor, unsealed concrete and/or cement surfaces only.

GENERAL INFORMATION:

Do not apply this product in patient rooms or in any rooms while occupied by the elderly or infirm. Do not apply to classrooms while in use. Do not apply in institutions (including libraries, schools, sports facilities, etc.) in the immediate area where occupants are present. Do not apply as a space spray in residential sites.

Onslaught FastCap Spider & Scorpion Insecticide is a microencapsulated suspension concentrate containing the following pounds of active ingredient per gallon (64 mg of i.a./L): Esfenvalerate (0.54 lbs.), Prallethrin (0.135 lbs.), Piperonyl butoxide (0.675 lbs.).

Onslaught FastCap Spider & Scorpion Insecticide combines fast kill (action) and long residual activity against pests listed on this label when applied as surface or spot treatments, injected into wall voids, or as a crack and crevice spray in and around residential and commercial structures, as well as on turf and landscaping. Onslaught FastCap Spider & Scorpion Insecticide may be sprayed on any surface that will not be stained by water. DO NOT use this product as a fogger or apply it as a space spray. Injector application equipment that delivers low volume treatments may be used to make crack and crevice injections or spot and general surface treatments. DO NOT apply in electrical conduits, junction and switch boxes, motor housings, or other electrical equipment due to shock hazard from water-based spray.

Use only in areas described. Remove pets and cover fish aquariums and pets’ food and water dishes before spraying. Keep all people (especially children) and pets out of areas being treated and restrict access to these areas until all surfaces are dry. DO NOT leave product where children or pets can come into contact with it. DO NOT allow spray to contact food or food-containing surfaces, feed, or water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated with this product. Food utensils such as teaspoons and measuring cups must not be used for food purposes after use with pesticides.

APPLICATION IN FOOD PROCESSING/HANDLING ESTABLISHMENTS:

Application is permitted within food and non-food areas of food service and handling establishments (places other than private residences) including, but not limited to: restaurants, meat processing plants, grocery stores, bakeries, food manufacturing and processing establishments, and food warehousing establishments. Do not treat establishments where livestock feed is present.

Food areas include areas for receiving, storing, packing, canning, bottling, wrapping, boxing, preparing, edible waste storage, and enclosed processing systems, mills, and dairies. Serving areas are places where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held. Non-food areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, garages, mop closets, and storage after canning or bottling.

General Surface Applications: Do not apply Onslaught FastCap Spider & Scorpion Insecticide as a general surface application in food areas of the facility when the facility is in operation or food is exposed. Do not apply directly to food. Cover or remove all food and food processing equipment prior to application. After spraying in meat packing plants, bakeries, and other food processing plants, wash with an effective cleaning compound, and then rinse all equipment, benches, shelving, etc. where exposed food will be handled with potable water. Repeat applications as needed, but do not exceed more than one (1) application every fourteen (14) days.

Spot or crack & crevice applications:

Spot or crack and crevice applications may be made while facility is in operation, provided exposed food is covered or removed from the area being treated. Do not apply directly to food or food-handling surfaces. Repeat applications as needed, but do not exceed more than one (1) application every fourteen (14) days.

In the home, cover exposed food and do not allow spray to contact food surfaces. If spray does contact these surfaces, clean surfaces with soap and water.

MIXING INSTRUCTIONS:

Onslaught FastCap Spider & Scorpion Insecticide should be mixed with water and applied with hand pressurized or power operated sprayers. Agitate container of Onslaught FastCap Spider & Scorpion Insecticide before diluting by inverting it several times. Clean spray equipment before and after use. For dilution, add approximately half the required water to spray tank and then add the appropriate amount of Onslaught FastCap Spider & Scorpion Insecticide. Agitate, and slowly add the remaining water. Agitate spray thoroughly before using and also occasionally during use to ensure dispersion. If spray filter screens are used, they should be 50 mesh or larger. Use 0.5 fluid ounces (15 cc.) of Onslaught FastCap Spider & Scorpion Insecticide in 1 gallon of water for light infestations or as a maintenance control rate. Use 1.0 fluid ounce (30 cc.) per gallon of water for heavy infestations or as an initial clean out rate. Apply 2-second bursts of spray per square foot of area being treated. Avoid excessive application. Dampen surfaces but not to the point of saturation or run-off. Only dilute Onslaught FastCap Spider & Scorpion Insecticide with water.

The following chart indicates the percent of active ingredients that is in the sprayer tank after mixing Onslaught FastCap Spider & Scorpion Insecticide at either rate:

Dilution Rate In Water	0.5 fl. oz. per Gallon	1.0 fl. oz. per Gallon
	Final % concentration of Active Ingredients	Final % concentration of Active Ingredients
Esfenvalerate	0.025%	0.050%
Prallethrin	0.006%	0.012%
Piperonyl butoxide	0.031%	0.063%

Tank Mixing:

Onslaught FastCap Spider & Scorpion Insecticide may be tank mixed with an insect growth regulator such as NyGuard® IGR Concentrate or pyrethrum-containing products or any other currently registered pesticides unless expressly prohibited by the product label. The resulting tank mix may be applied in areas where these products are allowed to be sprayed. Do not tank mix Onslaught FastCap Spider & Scorpion Insecticide with products containing dichlorvos (DDVP).

INDOOR USE:

Application Rates for Indoor Structural Pests:

Pests	Dilution Rate In Water	Application Rate of Mixed Solution	Application Method(s)
Crawling Insects			
Light Infestation	0.5 fl. oz. / Gallon (3.97 ml/L)	1 Gallon / 1,000 sq. ft. (40 ml/m ²)	Apply as a coarse, wet spray <ul style="list-style-type: none">Broadcast Surface SprayCrack & Crevice TreatmentSpot TreatmentInjected into Wall Voids
Heavy Infestation	1.0 fl. oz. / Gallon (7.93 ml/L)		
Flying Insects	0.5 fl. oz. / Gallon (3.97 ml/L)	1 Gallon / 1,000 sq. ft. (40 ml/m ²)	
Stinging Insects	1.0 fl. oz. / Gallon (7.93 ml/L)	1 Gallon / 1,000 sq. ft. (40 ml/m ²)	
Ticks	0.5 fl. oz. / Gallon (3.97 ml/L)	1 Gallon / 1,000 sq. ft. (40 ml/m ²)	
Fleas, Lice & Bed Bugs	0.5 fl. oz. / Gallon (3.97 ml/L)	1 Gallon / 1,000 sq. ft. (40 ml/m ²)	Apply as noted above, with a fine particle spray.

Crawling insect pests indoors:

Apply as a course, wet spray to surfaces where these pests are normally found. Treat floors, baseboards, around doors and windows, in attics, crawl spaces, eaves, corners, closets, walls, utility pipes, storage areas, and all cracks and crevices. Treat underneath sinks, dishwashers, refrigerators, stoves, the underside of shelves, drawers, cabinets, areas behind pipes, and in all places where these insects shelter. Contact as many insects as possible with direct spray. Repeat applications as needed, but do not exceed more than one (1) application every seven (7) days.

For ant control indoors:

Apply to ant trails, around garbage receptacles, and near food sources. Also apply around doors and windows and wherever these pests may find entrance to the structure. Remove sources of food through basic hygiene practices whenever possible.

Flying insect pests indoors:

Treat insect resting areas such as walls and ceilings, screens, around windows, doors, and light fixtures, and other surfaces that attract flying insects. Initiate treatments at the beginning of fly season, and repeat treatments during periods of heavy infestation.

Stinging insect pests indoors:

Apply spray to nests late in the evening when stinging insects are at rest. Thoroughly spray nest, nest entrance, and surrounding areas where insects land or walk. Treat around doors and windows, in attics, crawl spaces, and possible harborage sites or points of entry.

For control of Brown Dog Ticks:

Thoroughly apply as a spot treatment to infested areas such as pet beds and resting areas, nearby cracks and crevices, along and behind baseboards, window and door frames, and localized areas of floor and floor coverings where these pests may be present. DO NOT SPRAY PETS WITH THIS PRODUCT. Treat dogs and cats with a product registered for use on animals

For control of Fleas:

Thoroughly apply as a fine particle broadcast spray to infested rugs, carpets, and pet resting areas. Prior to treatment, aquariums and fish bowls should be covered, and pet animals should be removed from the area being treated. Do not permit humans or pets to contact treated surfaces until spray has dried. Old pet bedding should be removed and replaced with clean, fresh bedding after treatment. DO NOT SPRAY PETS WITH THIS PRODUCT. Treat dogs and cats with a product registered for use on animals.

To control Bed Bugs:

Thoroughly clean and vacuum mattresses, box springs, floors, and surfaces. Treat mattresses and box springs with an approved pesticide, such as a pyrethrin aerosol. Apply Onslaught FastCap Spider & Scorpion Insecticide as a spot treatment to potential harborage sites and migration paths, and cracks and crevices, around baseboards, floorboards, headboards, wall voids and walls.

For control of stored product pests:

Spray thoroughly around and into floor drains, non-food conveyors, benches, pipes, pallets, moist areas, storage racks, pieces of equipment, and other areas where stored product pests may be found. Tank-mix or sequential use of an insect growth regulator, such as NyGuard® IGR Concentrate, is recommended to break the insect reproduction cycle. Do not apply this spray to surfaces or utensils that may come in contact with food, since excessive residues in food may result.

To treat voids in equipment and structures:

To kill insects harboring in wall voids and other inaccessible spaces in equipment and structures, use injection equipment designed for deep void applications. Follow the

injection equipment manufacturer’s recommendations for proper set up and air pressures. Place the applicator tip at or into the void space to be treated. For inaccessible voids, it may be necessary to drill an access hole(s). Inject product into the void space in short bursts, allowing air pressure to push insecticide deep into the space. Avoid applying to the point of runoff or drip. Ventilate area thoroughly before re-entry. Do not reapply more than every fourteen (14) days.

To kill the accessible stages of listed granary insects:

Use this concentrate to treat grain storage facilities, and other listed areas, for stored product pest control. For control of exposed adult and immature stages of stored product pests, apply to cracks, crevices, and other surfaces where the pests have been seen or have harborage. Treat areas where products are stored before filling with the product. Apply at the rates listed above, using one gallon of spray mix per 1000 square feet of surface area to be treated. Cleaning all areas prior to use will increase levels of control. Any foodstuffs infested with pests should be removed and destroyed. Do not apply when food-processing facility is in operation or foods are exposed. Do not apply this spray to surfaces or utensils that may come into contact with food.

Repeat application as needed, but do not exceed more than one application every fourteen (14) days.

USE IN AND AROUND LIVESTOCK HOUSING:

For use in and around unoccupied areas of livestock facilities, such as, but not limited to: barns, cow and calf pens & hutches, dairy barns & milk rooms, hog barns, horse barns, sheep barns, poultry houses, and rabbit hutches. Do not contaminate milk, food, or drinking water. Remove animals from area being treated. Cover feeders and waterers. Do not apply or allow insecticide to drift onto animals. Do not allow animals to enter treated areas until spray solution has dried.

Pests	Dilution Rate In Water	Application Method(s)
Crawling Insects Including Litter Beetles	1 fl. oz. / Gallon (7.93 ml/L) or 1 fl. oz. in sufficient water to cover 1,000 sq. ft. (0.32 ml/m ²)	Apply as a coarse, wet spray <ul style="list-style-type: none">General Surface SprayCrack & Crevice TreatmentSpot TreatmentInjected into Wall Voids
Flying Insects	0.5 fl. oz. / Gallon (3.97 ml/L) or 0.5 fl. oz. in sufficient water to cover 1,000 sq. ft. (0.16 ml/m ²)	

Crawling insect pests in livestock and poultry premises:

Apply as a general surface, spot treatment, and/or crack and crevice treatment. Apply to floors and vertical and overhead surfaces where crawling insects are or may be present. Treat stanchions, pipes, windows, doors, posts, cage framing, gates, under (but not in) feeders, and other areas where insects hide or congregate. To reduce immigration of insects, make a perimeter treatment around the outside of building foundations. Apply in a uniform band 1 – 3 feet (0.3 – 0.9 m) up the exterior foundation wall and 3 – 6 feet (0.3 – 1.8 m) out from the foundation.

Litter Beetle control in livestock and poultry premises:

To control Litter Beetles (Darkling, Hide, and Carrion Beetles), apply Onslaught FastCap Spider & Scorpion Insecticide to walls and floors at cleanout and before reintroduction of animals. Treat areas where beetles frequently occur, such as walls, supports, cages, cage framing, stalls, and around feeders. To reduce immigration of insects, make a perimeter treatment around the outside of building foundations. Apply in a uniform band 1 – 3 feet (0.3 – 0.9 m) up the exterior foundation wall and 3 – 6 feet (0.3 – 1.8 m) out from the foundation.

Flying insect pests in livestock and poultry premises:

For residual control of flying insects, treat insect resting areas such walls, ceilings, screens, around windows, doors, light fixtures, and other surfaces that attract flying insects. Initiate treatments at the beginning of fly season and repeat treatments during periods of heavy infestation. Tank-mix or sequential use of an insect growth regulator, such as NyGuard® IGR Concentrate, is recommended to break the insect reproduction cycle.

OUTDOOR USE:

Do not spray in or near fishponds or other bodies of water.

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

Do not make applications during the rain.

Do not apply directly to sewers or drains, or any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur, except as directed by this label.

Not for use on plants being grown for sale or other commercial use. Not for use in nurseries, sod farms or golf courses.

All outdoor applications must be limited to spot or crack and crevice treatment only, except for the following permitted uses:

(1) Treatment to soil or vegetation around structures;

(2) Applications to lawns, turf, and other vegetation;

(3) Applications to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevices applications, only.

Application Rates for Outdoor Pests

	Dilution Rate In Water	Application Method(s)
Treating Exterior Walls, Foundations and Structures	0.5 to 1 fl. oz. / Gallon (3.97 ml to 7.93 ml/L) or 0.5 to 1 fl. oz. in sufficient water to cover 1,000 sq. ft. (0.16 ml to 0.32 ml/m ²)	Apply as a coarse, wet spray <ul style="list-style-type: none">Crack & Crevice TreatmentSpot Treatment
Treating Nests and Harborage Areas of Stinging Insects	1 fl. oz. / Gallon (7.93 ml/L) or 1 fl. oz. in sufficient water to cover 1,000 sq. ft. (0.32 ml/m ²)	
To Control Swarming Termites and Wood Destroying Pests	1 fl. oz. / Gallon (7.93 ml/L) or 1 fl. oz. in sufficient water to cover 1,000 sq. ft. (0.32 ml/m ²)	
Treating Ornamental Trees and Landscapes	0.1 to 1.0 fl. oz. / Gallon (0.793 ml to 7.93 ml/L) or 0.1 to 1.0 fl. oz. in sufficient water to cover 1,000 sq. ft. (0.032 ml to 0.32 ml/m ²)	Apply as a course, wet spray <ul style="list-style-type: none">Broadcast Spray TreatmentFoliar Spray Treatment
Mosquito Breeding Sites	0.5 fl. oz. / Gallon (3.97 ml/L) or 0.5 fl. oz. in sufficient water to cover 1,000 sq. ft. (0.16 ml/m ²)	
Treating Lawns and Turf	0.1 to 1 fl. oz. / Gallon (0.79ml to 7.93 ml/L) or 0.1 to 1 fl. oz. in sufficient water to cover 1,000 sq. ft. (0.032 ml to 0.32 ml/m ²) or 4.3 to 43 fl. oz. per acre (127 ml to 1,271 ml/acre)	Apply as a course, wet spray <ul style="list-style-type: none">Broadcast Spray Treatment

Treating exterior walls, foundations and structures:

To control infestations of listed pests, treat exterior surfaces of buildings, walls, window frames, around garbage cans, eaves, cracks and crevices, porches, decks, gazebos, patios, carports, siding, garages, fence lines, and other areas where pests are active or may be hiding.

To help prevent insect infestation of buildings: Treat a 2 – 6 foot (0.6 – 1.8 m) band of soil or other substrate adjacent to buildings. Treat building foundation to a height of 2 – 3 feet (0.6- 0.9 m). Treat exterior walls, siding, eaves, cracks and crevices, and other areas where listed pests are active, and may find entrance into building.

Apply with sufficient water to adequately cover the area being treated, but do not allow dripping or run-off to occur. Alternate mixing directions are to use 2 to 4 fluid ounces of concentrate per 50 gallons of water.

Stinging insect control outdoors:

For stinging insects, apply spray solution to nests and harborage areas late in the evening when stinging insects are commonly at rest. Thoroughly spray nest, nest entrance, harborage sites, and surrounding areas where insects land or walk. For nests inside walls, inject sufficient spray to treat nest. Do not use in areas where an electrical shock hazard exists. For applications made when pests are active, applicator should wear protective equipment as required. Repeat application when there are signs of renewed insect activity.

For Yellow Jacket control, Onslaught FastCap Spider & Scorpion Insecticide can be mixed with baits in traps. Follow trap instructions for preparation of bait.

For control of Fire Ants, combine broadcast application with mound drenches to control foraging workers and newly mated fly-in queens. Apply Onslaught FastCap Spider & Scorpion Insecticide as a broadcast application at a rate of 8 fl. oz. of concentrate per 1,000 square feet (2.54 ml/m²). Treat mounds with a registered Fire Ant mound treatment.

MATERIAL SAFETY DATA SHEET



Date Issued: 03/26/2012
MSDS No: ONSLAUGHT-FastCap
Date-Revised: 03/26/2012
Revision No: 1

Onslaught® FastCap Spider & Scorpion Insecticide.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Onslaught® FastCap Spider & Scorpion Insecticide.

PRODUCT DESCRIPTION: A Microencapsulated Insecticide for Killing Spiders, Scorpions, and other Listed Insects.

PRODUCT CODE: 002964, EPA REG. NO. : 1021-2574

ACTIVE INGREDIENT(S): Esfenvalerate; Prallethrin (ETOC®); Piperonyl Butoxide

MANUFACTURER

McLaughlin Gormley King Company
 8810 10th Avenue North
 Minneapolis, MN 55427

Emergency Contact: SafetyCall@

Emergency Phone: 1(888) 740-8712

Alternate Emergency Phone: 1(952) 852-9509

Service Number: 1(800) 645-6466

24 HR. EMERGENCY TELEPHONE NUMBERS

FOR TRANSPORTATION:

CHEMTREC® U.S. and CANADA: 1(800) 424-9300

CHEMTREC® All Other Areas: 1(703) 527-3887

COMMENTS: MGK® Hours of operation are 8:00 am to 4:30 pm CST, 14:00 to 22:30 GMT.

For MEDICAL EMERGENCIES or PESTICIDE INCIDENTS, call 24 hours a day to 1-888-740-8712.

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

IMMEDIATE CONCERNS: CAUTION. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, and clothing.

Contains petroleum distillates - Vomiting may cause aspiration pneumonia.

Wear OSHA-approved safety glasses with side-shields, safety goggles, or a full-face shield.

DO NOT apply this product in or on electrical equipment due to the possibility of shock hazard.

POTENTIAL HEALTH EFFECTS

EYES: Causes moderate eye irritation.

SKIN: Can cause skin irritation. Can cause a burning or prickling sensation on more sensitive areas (face, eyes, mouth).

SKIN ABSORPTION: No short-term harmful effects expected.

INGESTION: Harmful if swallowed.

INHALATION: Excessive inhalation may be irritating to the respiratory tract.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

CHRONIC EFFECTS: None known.

COMMENTS: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	Wt.%	CAS	EINECS
Esfenvalerate	6.4	66230-04-4	Not Avail.
Prallethrin (ETOC®)	1.6	23031-36-9	245-387-9
Piperonyl Butoxide	8	51-03-6	200-076-7
Petroleum Distillates	< 2	64742 -47-8	265-149-8

COMMENTS: Ingredients not identified are proprietary or non-hazardous. Values are not product specifications.

4. FIRST AID MEASURES

EYES: 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.

SKIN: 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.

INGESTION: If swallowed, IMMEDIATELY call a poison control center or doctor for treatment advice. DO NOT give **any** liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

INHALATION: Remove affected person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

NOTES TO PHYSICIAN: Contains Pyrethroids and Petroleum Distillates - vomiting may pose an aspiration pneumonia hazard. Diazepam has been recommended to reduce the CNS effects of Esfenvalerate.

For skin effects, a highly efficient therapeutic agent for Pyrethroid exposure is topical application of Tocopherol Acetate (Vitamin E).

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: > 93.3°C (200°F) TAG Closed Cup

FLAMMABLE CLASS: This product is NOT classified as flammable or combustible by OSHA.

EXTINGUISHING MEDIA: Use water spray, foam, carbon dioxide or dry chemical.

HAZARDOUS COMBUSTION PRODUCTS: This product is classified as Non-Combustible, however in the extreme temperatures that fires may produce, some of the constituents of this formula may combust to give off such gases as carbon dioxide, carbon monoxide, nitrogen oxides, and HYDROGEN CYANIDE GAS.

FIRE FIGHTING PROCEDURES: Use a full-faced self-contained breathing apparatus along with full protective gear. Keep nearby containers and equipment cool with a water stream.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Absorb with appropriate absorbent such as sand, or vermiculite. Clean spill area of residues and absorbent.

LARGE SPILL: Stop release, if possible without risk. Dike or contain release, if possible, and if immediate response can prevent further damage or danger. Isolate and control access to the release area. Take actions to reduce vapors. Collect product into drums, storage tanks, etc., via drains, pumps, etc. Absorb with appropriate absorbent such as sand or vermiculite. Clean spill area of residues and absorbent.

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ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Contains pyrethroids which are toxic to fish and other aquatic invertebrates. Contaminated absorbent and wash water should be disposed of according to local, state/provincial and federal/national regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: DO NOT APPLY THIS PRODUCT IN OR ON ELECTRICAL EQUIPMENT DUE TO THE POSSIBILITY OF SHOCK HAZARD.

HANDLING: Wear OSHA-approved safety glasses with side-shields, safety goggles, or a full-face shield. DO NOT allow product to exceed 160°F (71.1°C) as HYDROGEN CYANIDE GAS may be produced. Mechanical ventilation should be used when handling this product in enclosed spaces. Do not contaminate water, feed or food by storage, handling or disposal. Read and observe all precautions and instructions on the product label.

STORAGE: Store in a cool, dry area under lock and key. Post as a pesticide storage area. DO NOT allow product to exceed 160°F (71.1°C) as HYDROGEN CYANIDE GAS may be produced. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower-shelves, and dry formulations above.

KEEP OUT OF REACH OF CHILDREN

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		SupplierOEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Esfenvalerate	TWA	None		None		[1]	2 [1]
Prallethrin (ETOC®)	TWA	None		None		None	
Piperonyl Butoxide	TWA	None		None		None	
Petroleum Distillates	TWA	[2]	5 [2]	[2]	5 [2]	100	525
	STEL				10		

OSHA TABLE COMMENTS:

- Skin
- As oil-mist, if generated.

ENGINEERING CONTROLS: Mechanical ventilation should be used when handling this product in enclosed spaces. Local exhaust ventilation may be necessary.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear OSHA-approved safety glasses with side-shields, safety goggles, or a full-face shield.

SKIN: Take prudent precautions to avoid contact with skin and clothing.

WORK HYGIENIC PRACTICES: DO NOT SMOKE, EAT, OR DRINK, OR APPLY COSMETICS IN WORK AREA!

Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking, or using the

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toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Very slight sweet-odor.

APPEARANCE: Creamy, yellow/ light-brown color.

pH: 6.9

Notes: @ 5% in water.

VAPOR DENSITY: Heavier than air.

FREEZING POINT: Not Available

FLASHPOINT AND METHOD: > 93.3°C (200°F) TAG Closed Cup

SOLUBILITY IN WATER: Immiscible in water.

SPECIFIC GRAVITY: 1.011 (Water = 1) at 20 °C (68 °F)

VISCOSITY #1: 1446 CPS at 21.3°C (70.3°F) Brookfield

(VOC): < 2.000 %

10. STABILITY AND REACTIVITY

STABLE: Yes

HAZARDOUS POLYMERIZATION: No

CONDITIONS TO AVOID: Not compatible with strong acids or bases. Not compatible with strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: HYDROGEN CYANIDE GAS may be formed by thermal decomposition at 160 °F (71.1 °C) or higher, or by contact with alkaline substances such as soda ash & lye.

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀: > 5000 mg/kg

Notes: Albino rabbit.

ORAL LD₅₀: 1750 mg/kg

Notes: Albino rat.

INHALATION LC₅₀: The Acute Inhalation LC₅₀ of this material places it in EPA Toxic Category IV.

EYE EFFECTS: Irritation clearing within 72 hours.

SKIN EFFECTS: Moderate irritation at 72 hours. Produced a primary skin Irritation Index of 2.4

SENSITIZATION: Negative; Not considered to be a dermal sensitizer to albino guinea pigs.

COMMENTS: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as being carcinogens.

Marginally higher incidences of benign liver tumors in mice were observed following lifetime high dose exposures to PBO. The significance of these observations is questionable and under review. The doses at which tumors were observed for PBO greatly exceeded potential human exposure from labeled uses. Doses at which these effects were observed greatly exceeded

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anticipated human dietary intake. At anticipated dietary exposure levels, it is highly unlikely that this product will result in carcinogenic effects.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: This product is toxic to fish and other aquatic invertebrates. 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. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters, unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency (EPA).

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: To avoid wastes, use all materials in the containers by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (NOTE: such programs are often run by state or local governments, or by industry).

EMPTY CONTAINER: Non-refillable container. 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 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and re-cap. Shake for 10 seconds. Pour rinsate into application equipment or a mix-tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then, offer for recycling if available, or puncture and dispose of container in a sanitary landfill, or by incineration. Do not burn unless allowed by state and local ordinances.

RCRA/EPA WASTE INFORMATION: None of the ingredients in this product appear on the RCRA lists (40 CFR 261.24, 40CFR 251.33) or CERCLA Hazardous Substance list (40 CFR Part 302 Table 302.4)

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Insecticides, Insect or Animal Repellent, Liquid, N.O.S.

PRIMARY HAZARD CLASS/DIVISION: Non-Hazardous

AIR (ICAO/IATA)

SHIPPING NAME: Insecticides, Insect or Animal Repellent, Liquid, N.O.S.

PRIMARY HAZARD CLASS/DIVISION: Non-Hazardous

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Available

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

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FIRE: No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes

313 REPORTABLE INGREDIENTS:

COMPONENT, CAS#, Max %

Esfenvalerate, 066230-04-4, 6.40

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

There are no components that are subject to emergency requirements under CERCLA Section 103(a)(40 CFR 302.4) in this formulation.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: All chemical substances found in this product comply with the Toxic Substances Control Act's inventory reporting requirements.

REGULATIONS

STATE REGULATIONS:

VOLATILE ORGANIC COMPOUNDS (VOC):

This product contains less than 2% VOC's.

16. OTHER INFORMATION

REVISION SUMMARY: This MSDS replaces the 03/26/2012 MSDS. Revised: **Section 1:** .

HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY	<input type="checkbox"/>	1
PHYSICAL HAZARD	<input type="checkbox"/>	1
PERSONAL PROTECTION	<input type="checkbox"/>	

HMIS RATINGS NOTES: We assign HMIS ratings to this product based on the hazards of its ingredients(s). Since the customer is most aware of the applications and conditions of use, he or she must ensure that the proper Personal Protective Equipment is provided, consistent with the information contained in Section's 7 and 8 of this MSDS.

COMMENTS: The data contained herein are based on information currently available to McLaughlin Gormley King Company and, to the best of our knowledge, are accurate and based on sound expert opinion. Our statements herein, however, are not to be taken as a warranty or representation for which McLaughlin Gormley King Company assumes legal responsibility.

MSDS Prepared by T. Azzvitto