STATE OF HAWAII
Department of Agriculture
ACCEPTED
LICENSE NO.
9226.478

GROUP 4A INSECTICIDE

Optigard® Flex
Liquid

syngenta®

Insecticide

Active Ingredient:

Thiamethoxam (CAS No. 153719-23-4)	21.6%
Other Ingredients:	78.4%
Total:	100.0%

Optigard Flex Liquid is a suspension concentrate (SC) formulation.

Optigard Flex Liquid contains 2 pounds thiamethoxam per gallon formulated product (244 grams thiamethoxam per liter formulated product).

EPA Reg. No. 100-1306
EPA Est. No. 61282-WI-1

- For control of listed pests: including cockroaches, ants (except carpenter ants and Pharaoh ants), fire ants, yellow jackets, wasps and beetles
- For control of localized infestations of drywood termites, subterranean termites, carpenter bees, and wood-destroying beetles and borers

Do not use this product as the sole source of control for active, structural infestations by subterranean termites; the purpose of this application is to kill workers or winged reproductive forms of termites which are present at the time of treatment. It is not intended to provide structural pest control. It is not a substitute for mechanical alteration, soil and foundation treatment, but merely a supplement. For active, structural infestations by subterranean termites, this product can only be used to supplement a federally registered conventional product that is registered as a sole source for termite control. This product will not eliminate termite infestations or provide protection against future infestations.

KEEP OUT OF REACH OF CHILDREN.
CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use in booklet.

SCP 1306A-L1H 0216 4063261

8 fluid ounces Net Contents

FIRST AID	
If inhaled	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.
If in 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.
If on skin or clothing	• 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.

FIRST AID *(continued)*	
If swallowed	• Call a 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 a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

HOT LINE NUMBER

For 24-Hour Medical Emergency Assistance
(Human or Animal) or
Chemical Emergency Assistance
(Spill, Leak, Fire, or Accident),
Call
1-800-888-8372

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if inhaled or absorbed through skin. Do not breathe vapor or spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protection Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material - Category A (e.g., natural rubber, ≥14 mils)
- Shoes plus socks

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

User Safety Recommendations:

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

Environmental Hazards

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

This pesticide is toxic to wildlife and highly toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash water.

PROTECTION OF POLLINATORS

APPLICATION RESTRICTIONS EXIST FOR THIS PRODUCT BECAUSE OF RISK TO BEES AND OTHER INSECT POLLINATORS. FOLLOW APPLICATION RESTRICTIONS FOUND IN THE DIRECTIONS FOR USE TO PROTECT POLLINATORS.

Look for the bee hazard icon in the Directions for Use for each application site for specific use restrictions and instructions to protect bees and other insect pollinators.

This product can kill bees and other insect pollinators.
Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar.

Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications
- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.

When Using This Product Take Steps To:

- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- Minimize drift of this product on to beehives or to off–site pollinator attractive habitat. Drift of this product onto beehives or off–site to pollinator attractive habitat can result in bee kills.

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at: http://pesticidestewardship.org/PollinatorProtection/Pages/default.aspx.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to: www.aapco.org/officials.html. Pesticide incidents should also be reported to the National Pesticide Information Center at: www.npic.orst.edu or directly to EPA at: beekill@epa.gov

Physical or Chemical Hazards

Do not use, pour, spill or store near heat or open flame.

CONDITIONS OF SALE AND LIMITATION 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, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

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

Do not apply Optigard Flex Liquid while bees are foraging. Do not apply Optigard Flex Liquid to plants that are flowering. Only apply after all flower petals have fallen off.

Resistance Management

Optigard Flex Liquid belongs to the neonicotinoid class of chemistry (Group 4A Insecticide). Pests that are resistant to insecticides in other chemical classes are not known to be cross-resistant to Optigard Flex Liquid. However, insect pests are known to develop resistance to products used repeatedly for control. As resistance development cannot be predicted, the use of Optigard Flex Liquid should conform to sound resistance management strategies established for the use site. Strategies should include rotation of chemicals with different modes of action, limitation of the number of successive generations of the target pest being treated with the same compound, and adherence to labeled directions.

Consult your local pest control advisor or extension office for additional methods for preventing resistance development. SYNGENTA encourages responsible product stewardship to ensure effective long-term control of the insect pests on this label.

USE RESTRICTIONS

- Do not apply this product in a way that will contact any other person. Only protected applicators may be in the area during application. Keep people or pets away from treated area until dry.
- In living areas, do not apply Optigard Flex Liquid as a broadcast spray. In these areas use only as a void application, or as a spot treatment (e.g., under and/or behind appliances) or crack-and-crevice application in areas where occupants will not be exposed to direct contact.
- When applying Optigard Flex Liquid as a crack-and-crevice or spot treatment in living areas, do not exceed 0.5 gallons/1,000 sq ft of a 0.1% finished dilution.
- For void applications, do not apply until location of heat pipes, ducts, water and sewer lines, and electrical conduits are known. Caution must be taken to avoid puncturing and injection into these structural elements. Do not apply into electrical switches or receptacles or other wiring where electrical shock hazards exist.
- DO NOT apply this product, by any application method, to linden, basswood, or *Tilia* species.

APPLICATION PROCEDURES

Optigard Flex Liquid must be applied as a diluted finished application using mixing directions contained in this label. Treatment techniques used should provide placement of the product in the infested areas or as near as possible. Optigard Flex Liquid may be applied to structural voids, in cracks, crevices, corners or other out-of-the-way places, such as under and behind kitchen appliances and baseboards, under sinks, around window and door frames, pipes and water heaters and in the attic, crawl space and garage. Acceptable locations for treatment also include non-living space areas including crawl spaces, attics and unfinished basements. Applications may be made as a crack-and-crevice spray, a coarse, low-pressure spot spray, a surface spray or as a structural void application. Application to structural voids such as wall voids may be done by drilling a small hole into the void area or using a self-puncturing tip and injecting diluted product so that surfaces inside the void area are treated. Existing holes created by construction features may also be used to gain access to void treatment areas.

As described in the section on **Control of Pests in Voids**, closed, in-wall delivery systems may be used to apply product to the surfaces inside void areas.

Optigard Flex Liquid may also be used as a banded, spot treatment or crack-and-crevice application to perimeter exterior areas of structures for control of listed pests.

For remedial control of wood-destroying insects including drywood termites, wood-destroying beetles, and carpenter bees, Optigard Flex Liquid may be used as a spot treatment, wood surface application, or void application.

MIXING PROCEDURES

Mixing

Refer to **Application Dilution Table** for proper amount of Optigard Flex Liquid to be used to achieve the correct dilution. Refer to Use Directions of specific pest for application procedure and use rates.

To prepare the application mixture, fill the application tank 1/4 - 1/3 of desired volume with water before adding Optigard Flex Liquid. Then slowly add the required amount of Optigard Flex Liquid. Add the remaining amount of water and agitate until product is thoroughly mixed.

Application Dilution Table

Gallons of Finished Solution Desired	Amount in fl oz (or ml) of Optigard Flex Liquid Needed to Obtain the Following % Dilutions of Active Ingredient:	
	0.05%	0.1%
1	0.27 fl oz (8 ml)	0.54 fl oz (16 ml)
3	0.81 fl oz (24 ml)	1.62 fl oz (48 ml)
5	1.35 fl oz (40 ml)	2.71 fl oz (80 ml)
6	1.62 fl oz (48 ml)	3.24 fl oz (96 ml)
10	2.71 fl oz (80 ml)	5.41 fl oz (160 ml)

DELIVERY OF OPTIGARD FLEX LIQUID WITH FOAM

The diluted finished product may be converted to foam and applied to control pest infestations. Depending on the circumstances, foam applications may be used alone or in combination with liquid applications.

Foam Mixing Procedures and Application

Using the following table, mix the appropriate amount of Optigard Flex Liquid in water with the foaming manufacturer's recommended volume of foaming agent for application by foaming equipment.

Mixing Table for Optigard Flex Liquid Foam

Amount of Optigard Flex Liquid	Gallons of Water	Foam Expansion Ratio	Finished Foam (gallons)	Finished Dilution (% active ingredient)
1.35 fl oz (40 ml)	1	5:1	5	0.05
2.71 fl oz (80 ml)	1	10:1	10	
4.0 fl oz (120 ml)	1	15:1	15	
6.76 fl oz (200 ml)	1	25:1	25	
2.71 fl oz (80 ml)	1	5:1	5	0.1
5.41 fl oz (160 ml)	1	10:1	10	
8.0 fl oz (240 ml)	1	15:1	15	
13.53 fl oz (400 ml)	1	25:1	25	

CONTROL OF WOOD-DESTROYING INSECTS

Use Optigard Flex Liquid to control the following wood-destroying insects. For specific application instructions refer to label text.

Pest	Application Method	Finished Dilution (% active ingredient)	Comments
Drywood Termites Remedial Control	Foam – Galleries Liquid – Galleries	0.1%	Re-treat as directed.
Carpenter Bees	Liquid or Foam – Gallery treatment	0.1%	
Wood-Destroying Beetles and Borers	Liquid or Foam-Gallery or Wood Surface treatment	0.1%	
Subterranean termites-workers and reproductives (kills only)	Liquid application to existing infestations	0.05-0.1%	NOT intended for structural protection or as a stand-alone treatment. See **SUBTERRANEAN TERMITES** section of this label for details.

*Finished dilution of foam applications based on concentration in finished foam (See Mixing Table for Optigard Flex Liquid Foam in **MIXING PROCEDURES**.)

Control of Drywood Termites

When used as specified in this label, Optigard Flex Liquid provides effective remedial control of localized infestations of drywood termites, including species of *Incisitermes, Cryptotermes* and *Marginitermes*. Knowledge of the biology and behavior of the drywood termite species involved, the locations, and the extent of the infestation(s) will help to ensure successful control.

Treatment requirements for drywood termite control may vary due to state and local regulations. For advice concerning current drywood termite control regulations under local conditions, consult your State structural pest control regulatory agency.

Directions for Remedial Control of Drywood Termites in Infested Wood

To control drywood termites in localized areas of infested wood in structures, apply 0.1% Optigard Flex Liquid as a liquid or foam to voids and galleries in damaged wood, in spaces between wooden structural members or between wood and foundations. Locate galleries by using visual signs (e.g., fresh fecal pellets or blistered wood), the presence of live pests, mechanical sounding techniques (tapping on the wood surface and listening for changes in sound to indicate changes in wood density), listening devices, motion detection devices or other technologies that help pinpoint drywood termite activity.

Wood Injection Method

Drill small diameter holes of appropriate size for the injection tip, or use a self-puncturing tip, positioned to intersect termite galleries within infested wood. Drywood termite emergence or pellet kick-out holes connect directly to galleries and are indicators of potential sites to drill and inject Optigard Flex Liquid. Care should be taken to avoid electrical wiring, plumbing, etc., when drilling and injecting. Do not drill or puncture completely through wood. Spacing of the holes will depend on the distribution of insect activity and galleries. Injection holes may be clustered in areas with insect activity as indicated by damage, live insects, or other indicators previously described. Injection holes on opposite sides of large (4 inches x10 inches or larger) structural beams may be necessary to effectively penetrate galleries.

Apply up to 50 ml (1.7 fl oz) of finished liquid solution of Optigard Flex Liquid at each injection hole. If using Optigard Flex Liquid as a foam preparation, inject a sufficient amount to fill galleries without allowing runoff.

Re-treatment guidelines: Reapply if insect activity within treated areas is detected 4 or more weeks following treatment. For best results in treating galleries, inject Optigard Flex Liquid into new injection holes positioned between previous injection sites.

Control of Carpenter Bees (localized treatment)

Apply a 0.1% dilution of Optigard Flex Liquid into carpenter bee galleries as a spray, mist, or foam application. Apply up to 50 ml (1.7 fl oz) of finished liquid solution of Optigard Flex Liquid at each injection hole. If using Optigard Flex Liquid as a foam preparation, inject a sufficient amount to fill galleries without allowing runoff.

Control of Wood-Destroying Beetles and Borers

For control of wood-destroying beetles or borers, including: old house borers, powderpost beetles, false powderpost beetles, death-watch beetles, ambrosia or bark beetles. Apply Optigard Flex Liquid diluted to 0.1% as a spray, mist, or foam to galleries, structural voids and or as wood surface treatments. For old house borers, or other beetles that form large galleries, treat the gallery system by drilling and injecting product with sufficient volume to cover the galleries. For beetles or borers that do not form galleries which can be readily injected (e.g., powderpost beetles), apply product as a liquid, mist or foam to exposed wooden surfaces in non-living space areas in crawlspaces, basements, attics, to structural voids, to spaces between wood elements of a structure or at joints between wood and foundations. Apply as a coarse liquid spray with low pressure (<25 psi), as a foam or mist application, or by brushing diluted product onto the surface. Applications should be made in sufficient volumes to coat the target surface but less than the volume that creates runoff. Re-treat as directed to maintain protection. Allow treated surfaces to dry before contacting them.

Surface applications may also be used to supplement spot treatment for termites, as a means to prevent re-infestation by swarming adult termites. Apply a 0.05%-0.1% dilution as a surface spray or mist to exposed wood surfaces in areas not used as living spaces, such as attics, crawlspaces, unfinished basements, or structural voids.

SUBTERRANEAN TERMITES (SPOT TREATMENT WITH LIQUID APPLICATION ONLY)

Do not use this product as the sole source of control for active, structural infestations by subterranean termites; the purpose of this application is to kill workers or winged reproductive forms of termites which are present at the time of treatment. It is not intended to provide structural pest control. It is not a substitute for mechanical alteration, soil and foundation treatment, but merely a supplement. For active, structural infestations by subterranean termites, this product can only be used to supplement a federally registered conventional product that is registered as a sole source for termite control. This product will not eliminate termite infestations or provide protection against future infestations.

Use Optigard Flex Liquid as a 0.05-0.1% dilution to kill active subterranean termites. Apply as a coarse spray at 1 gallon per 10 square feet directly to infested sites.

CONTROL OF PESTS IN VOIDS

Arthropod pests may occasionally invade structures through wall voids or other structural voids by entering cracks or other openings to the exterior. In conjunction with other appropriate methods such as exclusion or perimeter insecticide applications, Optigard Flex Liquid can control nuisance arthropods that move through or harbor in wall void areas. For best results, use Optigard Flex Liquid as part of an Integrated Pest Management (IPM) approach, in conjunction with other appropriate control methods such as perimeter insecticide applications, use of baits, and the use of exclusion or other non-chemical control methods.

Method of Injection into Voids

To control (listed) pests, apply Optigard Flex Liquid at 0.05%-0.1% finished solution/foam to surfaces inside structural voids. Application to structural voids such as wall voids should be done by drilling a small hole into the void area, or using a self-puncturing tip, and injecting product as liquid or foam so that wood surfaces inside the void area are treated. Existing openings such as those around door or window frames may also be used as entry points to inject product. Apply enough volume to lightly coat the target surface. Do not exceed liquid volume that would allow runoff (e.g., for wood, runoff is about 0.05-0.1 ml/sq in). For example, a 2 inch x 4 inch x 16 inch wall void with wood frame should be treated with 2-4 ml finished liquid solution per linear foot; other surfaces or wall void sizes may need more or less to achieve a light coating. For foam preparations, see instructions for use provided in the **MIXING PROCEDURES** section of this label. Apply approximately 60–120 ml (2–4 fl oz) finished foam preparation per application point. Alternatively, closed, in-wall delivery systems may be used as described below to apply product to the surfaces inside void areas (see specific instructions in next section).

Use Optigard Flex Liquid for control of the following pests in voids and around structures.

Target Pests	Dosage of Optigard Flex Liquid	Remarks
Ants* (except carpenter ants and Pharaoh ants) Beetles Boxelder bugs Cockroaches Crickets Earwigs Firebrats Lady beetles Millipedes Pillbugs Silverfish Sowbugs	0.05-0.1% 0.27-0.54 fl oz (8-16 ml) Optigard Flex Liquid/gal water or finished foam	Use 0.1% rate for heavy pest infestations. * Optigard Flex Liquid may be used as a liquid or foam treatment to control ants (except carpenter ants and Pharaoh ants) in termite monitoring stations. Ant (except carpenter ant and Pharaoh ant) mounds may also be spot treated with 0.05–0.1% finished liquid or foam.

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Target Pests	Dosage of Optigard Flex Liquid	Remarks
Yellow jackets Wasps	0.1% 0.54 fl oz (16 ml) Optigard Flex Liquid/gal water or finished foam	See **Control of Yellow Jackets and Wasps (Localized Treatments)** section of this label for details.

For optimal results, use foam application.

Fixed In-Wall Delivery Systems

Closed, in-wall insecticidal delivery systems such as permanently installed piping or flexible tubing may also be used to deliver diluted product to inaccessible areas. Generally, about one ounce of finished liquid product is needed per 35-40 ft of tubing (based on 1/8″-diameter tubes). For these systems, use 0.05%-0.1% dilution rates as listed in the **Application Dilution Table**. Prepare the finished product at the appropriate dilution, inject into system as recommended by delivery system manufacturer.

INTERIOR PEST CONTROL

In addition to void applications (see section **Control of Pests in Voids)**, crack-and-crevice or spot applications may be made to control listed pests in areas not easily accessible to humans. Treatment areas include points or cracks between different elements of construction, spaces between equipment and floor or wall, openings leading to voids in walls, spaces beneath equipment or cabinets, or spaces between trim and floors or walls.

Apply 0.1% Optigard Flex Liquid dilution as a spot or crack-and-crevice treatment directly into cracks and crevices or other non-exposure areas as a low pressure spray using equipment capable of delivering a pin stream of insecticide. Applications may also be made as a foam preparation. Do not make surface applications to living spaces.

FOOD/FEED-HANDLING ESTABLISHMENT USE

Apply Optigard Flex Liquid as a crack-and-crevice, void, or spot treatment in both food/feed and non-food/feed areas of Food-Handling Establishments. Food/feed areas include places other than private residences for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing foods, edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food/feed area when food is exposed and facility is in operation.

Prior to application, remove or cover all food items in the area to be treated. Do not apply Optigard Flex Liquid to areas where food/feed utensils or processing surfaces may become contaminated. If insecticide contacts an exposed surface where food is handled, wash exposed surface with an effective cleaning compound followed by a potable water rinse prior to use.

EXTERIOR PEST CONTROL

For control of (listed) pests, use Optigard Flex Liquid as a void application, as an outdoor surface spray, a spot application or crack-and-crevice treatment. Refer to table in the section **Control of Pests in Voids** for a list of target pests and rates. Apply to surfaces of structures where pests are likely to enter including but not limited to: utility entry points, soffit areas, eaves and attic vents, around doors or windows, weep or ventilation holes. Optigard Flex Liquid may also be applied as a mist or foam. For ants (except carpenter ants and Pharaoh ants), treat along sidewalks or landscape edging or other areas where ants (except carpenter ants and Pharaoh ants) are likely to trail. Ant (except carpenter ants and Pharaoh ants) mounds may also be treated with a spot application or with a subsurface injection tool. Retreat as necessary to maintain control. For perimeter applications, do not exceed 17.0 fl oz (502 ml) of Optigard Flex Liquid product per acre per year. When using a banded spray around the perimeter of the structure, a swath extending 3 feet up the structure exterior from the ground and 7 feet away from the foundation may be used.

CONTROL OF YELLOW JACKETS AND WASPS (LOCALIZED TREATMENT)

For control of ground-nesting yellow jacket wasps, make an application of 0.1% liquid or finished foam into the below-ground nest. Apply a sufficient amount of foam to fill the nest and the opening to the nest. It is recommended that an extension wand be used when applying the liquid or foam to reduce the risk of being stung.

For application to paper-covered wasp nests (for example, bald-faced hornets), apply a 0.1% dilution of Optigard Flex Liquid as a finished foam or as a spray into the opening of the nest. Apply a sufficient amount of foam to fill the nest without allowing runoff. As a spray, apply product to the entire outside surface of the nest as well as the nest opening. It is recommended that an extension wand be used when applying the foam to reduce the risk of being stung.

For visible wasp nests, spray the outside of the nest with a 0.1% dilution. Apply spray to the entire surface of the nest. For wasp nests within voids such as under soffits, behind rain gutters, etc., make an application of 0.1% liquid or foam into the nesting area. Apply a sufficient amount of foam to fill the nesting void. It is recommended that an extension wand be used when applying the liquid or foam to voids to reduce the risk of being stung.

INDIVIDUAL MOUND TREATMENTS (FIRE ANTS)

For ants (*Solenopsis* spp.), prepare a drench solution at a concentration rate of 1 to 3 fluid ounces per ten gallons of water. Thoroughly mix solution and apply directly to mounds. For control of small fire ant mounds (<6 inches in diameter at the surface) apply one gallon of drench solution per mound. For control of larger mounds, apply 2 to 3 gallons of the drench solution per mound. Direct the drench solution to the center of the mound. Do not apply less than 0.5 gallon or more than 3 gallons per mound. Not for broadcast application.

APPLICATION TO LANDSCAPE ORNAMENTAL PLANTS

DO NOT apply this product, by any application method, to linden, basswood, or *Tilia* species.

Optigard Flex Liquid may be used on landscape ornamental plants to reduce populations of aphids, whiteflies, and mealybugs that produce honeydew (which serves as a food source for some ant species). Use a 0.0038% (2.0 fl oz product per 100 gallons) to 0.1% liquid dilution of Optigard Flex Liquid as a foliar or banded application. The 0.1% dilution may be applied up to 2 gallons/1,000 sq ft. Retreat as necessary to maintain control. Do not exceed 17.0 fl oz (502 ml) of Optigard Flex Liquid product per acre per year.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store unused product in original container only, out of reach of children and animals and in a cool dry place.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of unused pesticide, application mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

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STORAGE AND DISPOSAL *(continued)*

Container Handling

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 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and 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, or by other procedures approved by state and local authorities.

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the SYNGENTA Logo and the PURPOSE ICON
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For non-emergency
(e.g., current product information), call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1306A-L1H 0216
4063261

GROUP 4A INSECTICIDE

Optigard® Flex Liquid

Insecticide

- For control of listed pests: including cockroaches, ants (except carpenter ants and Pharaoh ants), fire ants, yellow jackets, wasps and beetles
- For control of localized infestations of drywood termites, subterranean termites, carpenter bees, and wood-destroying beetles and borers

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8 fl oz Net Contents

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Other Ingredients:	78.4%
Total:	100.0%

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KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements and directions for use in booklet.

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if inhaled or absorbed through skin. Do not breathe vapor or spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice. **If in 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. **If on skin or clothing:** 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 swallowed:** Call a 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

HOT LINE NUMBER: For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call **1-800-888-8372**.

Refer to Storage and Disposal, Environmental Hazards, and Physical and Chemical Hazards sections in booklet.

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