



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

91234-243

Date of Issuance:

10/27/22

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

A146.01

Name and Address of Registrant (include ZIP Code):

Atticus, LLC
5000 CentreGreen Way, Suite 100
Cary, NC 27513

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

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

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

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Continues page 2

Signature of Approving Official:

Jacquelyn Herrick, Product Manager 03
IVB1, Registration Division (7505P)

Date:

10/27/22

2. You are required to comply with the data requirements described in the generic data call-in (GDCI) identified below:
 - a. Deltamethrin GDCI-097805-899
 - b. Deltamethrin GDCI- 097805-1100

You must comply with all of the data requirements within the established deadlines. If you have questions about the GDCI listed above, you may contact the Chemical Review Manager in the Pesticide Re-Evaluation Division: <http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 91234-243.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

The record for this product currently contains the following CSF(s):

- Basic CSF dated 03/14/2022

If you have any questions, you may contact Hester Dingle at 202-566-2596 or via email at dingle.hester@epa.gov.

Enclosure

[Note to reviewer: [Text] in brackets denotes optional or explanatory language
[Note to reviewer: {Text} in braces denotes where in the final label text will appear
{BOOKLET FRONT PANEL LANGUAGE}

DELTAMETHRIN GROUP 3A INSECTICIDE

A146.01 [™]

[Alternate Brand Name: Adjourn™ SC]

[Contains deltamethrin, the active ingredient used in Suspend® SC].

[Provides Control of Listed Insect/Pests in and around the Home]
[For Insect Control on Commercial and Residential Turf and Landscape Ornamental Plants]
[For crack and crevice and spot applications in homes, hotels, schools and food handling establishments.]
[Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests.]
[Mattress application for bedbugs and lice.]
[Broadcast spray for lawns and turfgrass to control fleas, ticks and other listed insects.]
[Concentrated suspension of micro-crystals]
[Residual control that lasts for up to 90 days]
[For use on Paints, Plastics, Fabrics and other surfaces]
[Kills crawling and flying insects when exposed to treated surfaces.]
[Protects Stored Grains and seeds against damage from Indian Meal Moth, Saw-Toothed Grain Beetle, Red Flour Beetle, Rice Weevil, Maize Weevil, and many other listed pests.] [For both indoor and outdoor uses]
[Agitate Well]

ACTIVE INGREDIENT:	(% by weight)
Deltamethrin.....	4.75%
OTHER INGREDIENTS:	<u>95.25%</u>
TOTAL	100.0%

Contains 0.42 lb. of deltamethrin per gallon.

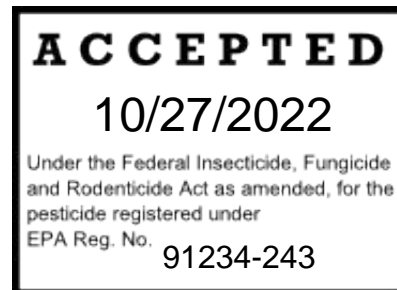
KEEP OUT OF REACH OF CHILDREN CAUTION

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 [below] [inside label booklet] for [additional] [First Aid,] [and] [Precautionary Statements] [and] [Directions for Use].

EPA Reg. No.: 91234-XX
EPA Est. No.:
Net Contents:

Manufactured For:
Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513



[A146.01] is not manufactured, or distributed by Bayer Environmental Science, seller of Suspend®.

{LANGUAGE INSIDE BOOKLET}

FIRST AID	
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.
HOT LINE 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 1-800-424-9300 for emergency medical treatment information.	

**For Chemical Emergency
Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Remove contaminated clothing and wash before reuse.

Environmental Hazards:

This product is extremely toxic to fresh water and estuarine fish and 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.

This pesticide is highly toxic to bees exposed to direct treatment. **DO NOT** apply or allow it to drift to crops or weeds on which bees are foraging the treatment area. **DO NOT** apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment wash-waters or rinsate.

Physical and Chemical Hazards:

DO NOT use water-based sprays of **A146.01** in 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.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. For both indoor and outdoor uses.

Product Information:

A146.01 is a suspension concentrate insecticide for use both indoors and outdoors for effective knockdown and long residual control of listed pests. Apply in and around buildings and structures, and on established landscape ornamentals around [residential and] commercial properties.

Opening Instructions: CLOSE TIGHTLY --- WHILE PUSHING DOWN TURN

Restrictions:

- Do not allow to enter indoor or outdoor drains.
No permita la entrada a desagües internos o externos.
- Follow proper disposal procedures on this label.
Siga las indicaciones del etiquetado para el desecho apropiado del producto.
- Do not spray the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- Do not allow the product to enter any drain during or after application.
- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment.
- Do not apply or irrigate to the point of runoff.
- Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours).
- Rainfall within 24 hours after application may cause unintended runoff of pesticide application.

Spot Treatments:

Spot treatments must not exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.).

Crack and Crevice Treatments:

Treat surfaces to ensure thorough coverage but avoid runoff.

- To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

Soil or Foliar Applications:

For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rives, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

- **DO NOT** apply when the wind speed is greater than 15 mph.
- **DO NOT** apply directly to water.
- **DO NOT** contaminate water when disposing of equipment washwaters or rinsate.

Dilution Rates

AI Concentration	A146.01 diluted to One Gallon of Water	When to Use
0.01%	0.25 fl. oz. (7.5 mL)	Use this rate for maintenance treatments.
0.03%	0.75 fl. oz. (22.7 mL)	Use this rate for initial treatment or clean-out treatments.
0.06%	1.5 fl. oz. (45.4 mL)	Use this rate for severe pest infestations or when longer control is desired.

Mixing Instructions:

Mix **A146.01** with water and apply using a hand pressurized or power operated sprayer, such as Actisol or similar equipment. For outdoor broadcast application, apply as a coarse spray or with conventional hydraulic boom-type sprayer or other suitable equipment. Shake container well before using.

Dilution Instructions:

- Add half the water to the spray tank;
- Add **A146.01** as specified in the appropriate application rates table;
- Agitate well;
- Add the remaining water slowly to avoid excess foam;

- Thoroughly agitate the sprayer before using to insure proper suspension.

Note: If spraying is stopped when using a back-pack or hand-held spray equipment, reinvert sprayer before use. If spray screens are used, they must be 50 mesh or larger. Dilute **A146.01** only with water. Only prepare the spray solution when ready to make applications.

Tank Mixing:

Tank mix **A146.01** with other currently registered pesticides unless prohibited by the product label. To check for product compatibility, a small volume mixing test with other products is recommended. It is the pesticide user’s responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

To check for compatibility with **A146.01**, mix a small test sample of the products in the correct proportions with water in a quart jar. The use of silicone surfactants in tank mixtures with **A146.01** may enhance the control of some insects.

Treatments may be made at 21-day intervals to maintain adequate control.

PEST CONTROL INDOORS

A146.01 may be applied in and around residential and non-residential buildings including residential kitchens and food/feed handling establishments: schools, factories, warehouses, hospitals, food processing facilities (non-food areas), and modes of transportation.

Mix **A146.01** with water and apply indoors as a crack and crevice application, spot or general surface treatment, or void (spray, mist, foam) injections with hand pressurized or power operated sprayers or other suitable equipment.

For residential buildings and structures - apply only as a crack and crevice or spot treatment.

Pests Controlled

Ants	Cockroaches	Flies	Moths	Scorpions
Bed bugs	Crickets	Fruit flies	Multi-colored	Silverfish
Bird mites	Darkling beetles	Gnats	Asian lady beetles	Sowbugs
Blue/green bottle flies	Dermestids	Hide beetles	Pantry pests, beetles & moths	Spiders
Boxelder bugs	Earwigs	Hornets	Phorid flies	Ticks
Carpet beetles	Elm leaf beetles	House flies	Pillbugs	Wasps
Centipedes	Firebrats	Leather beetles	Sciarid flies	Yellow jackets
Clothes moths	Fleas	Midges	(fungus gnats)	
Clover mites	Flesh flies	Millipedes		

Approved use sites include the food/feed and non-food/non-feed areas of:

Aircraft (cargo only)	Industrial buildings
Apartment buildings	Installations
Bakeries	Kitchens
Bottling facilities	Laboratories
Breweries	Mausoleums
Buses	Meat, poultry & egg processing & packaging plants
Cafeterias	Mobile & motor homes
Candy plants	Nursing homes
Canneries	Offices
Dairy product processing plants	Railcars
Food manufacturing plants	Restaurants
Food processing plants	Schools
Food service establishments	Ships & vessels
Granaries & grain mills	Trailers
Hospitals	Trucks
Hotels	Warehouses
Houses	Wineries

Where to Apply:

This product can be applied to walls, floors, ceilings, in and around cabinets, between, behind and beneath equipment and appliances, around floor drains, window and door frames and around plumbing, sinks and other possible pest harborage sites.

Treat where pests have been seen or found, or can find shelter. Treat areas where pests normally feed or hide, such as baseboards, corners, around water pipes, behind and under refrigerators, cabinets, sinks and stoves.

Treat entry points around water pipes, utility penetrations, windows, doors, vents, and eaves.

Void applications can be made behind veneers, piers, and chimney bases, into rubble foundations, into block voids and structural voids, wall voids, under slabs, stoops, porches or to the soil in crawlspaces, and other similar voids.

Spot treat floors, floor coverings, carpets, or rugs for flea and tick control; **DO NOT** treat entire floor area.

Use Rates:

- For a 0.01% a.i. concentrate, use 0.25 fl. oz. **A146.01** (7.5 mL) per gallon of water
- For a 0.03% a.i. concentration, use 0.75 fl. oz. of **A146.01** (22.7 mL) per gallon of water.
- For a 0.06% a.i. concentration, use 1.50 fl. oz. of **A146.01** (45.4 mL) per gallon of water.

How to Apply:

Spot Treatment: Apply **A146.01** using a low pressure system (**DO NOT** exceed 50 psi at nozzle) with a fan-type nozzle to uniformly apply spot treatments in and around cupboards, and between, beneath and behind equipment or appliances.

In the home, all food processing surfaces and utensils must be covered before treatment or thoroughly washed following treatment. Cover exposed food or remove from area being treated.

Spray, Mist or Foam, Crack and Crevice, or Void Applications:

Apply **A146.01** spray, mist or foam directly into cracks and crevice or voids where pests or their nests are found.

- **Spray:** Apply **A146.01** Spray Mixture to cracks and crevices in and around baseboards, floors, walls, appliances, areas around water and sewer pipes, and other voids with a low pressure system (**DO NOT**

exceed 50 psi at nozzle tip) using a pinpoint or variable pattern nozzle.

- **Mist:** Use appropriate mist generating equipment. **DO NOT** allow mist to drift out of void spaces into commonly occupied areas of structure.
- **Foam:** Use foam to treat structural voids and control pests in walls, under slabs, or other void areas. Using appropriate foam generating equipment, mix dilution with manufacturer’s specified volume of foaming agent and apply sufficient volume of foam.

When to Apply:

Apply when pests are seen or found. Treat areas that insects inhabit or where they are normally found. Use 0.25 to 1.5 fluid ounces of **A146.01** per gallon of water and apply to adequately cover 1000 square feet. Under conditions of severe pest infestation, when quick knockdown and/or longer residual control is desired, use 1.5 ounces of 0.06% **A146.01** per 1,000 sq. ft.

Treatments may be made at 21-day intervals to maintain adequate control.

Restrictions:

- **DO NOT** apply broadcast treatments to floors or floor coverings.
- **DO NOT** apply as a space spray.
- Remove or tightly cover fish tanks and disconnect aerators during application.
- Keep people and pets away from sites of application until treated area has dried.

Application for Indoor Pests	
Pests	Use Instructions
Cockroaches, Ants, Crickets, Silverfish, Firebrats, Centipedes, Millipedes, Clothes Moths, Earwigs, Pillbugs, Sowbugs, Scorpions and Spiders	Apply as a coarse low pressure (DO NOT exceed 50 psi at nozzle tip) spot or crack and crevice spray to areas where these pests are found. Pay particular attention to dark corners of rooms and closets; floor drains; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators, and cabinets; around plumbing and other utility installations; doors, windows, and attics and crawl spaces. Spot applications may be made to floor surfaces along baseboards and around air ducts. Let surfaces dry before allowing people or pets to contact surfaces.
Pantry Pests	To kill adult and accessible immature stages of insects such as lesser grain borers, grain weevils, flour beetles, saw-toothed grain beetles, cigarette beetles, merchant grain beetles, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, grain mites and spider mites: Make applications to cupboards, shelving and storage areas. Remove all foodstuffs, all utensils, shelf paper, and other objects before spraying. Allow all treated surfaces to dry before replacing foodstuffs, utensils or other items. Any foodstuff accidentally contaminated with any spray solution must be discarded.
Crawling and Flying Insect Pests: Flies, Gnats, Midges, Mosquitoes, Cockroaches, Ants, and Silverfish	Apply directly to walls, ceilings, window screens and other resting areas as a residual surface treatment. May be used inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied barns, stables, or pet kennels.
Ants, including Pharaoh’s ant	Apply to trails, around doors and windows and other areas where ants inhabit or enter premises.

Bed Bugs and Lice	<p>Spray bed bugs and eggs directly wherever possible following site directions below. For infested mattresses, remove linens and wash before reuse. Apply to mattresses, especially tufts, folds, and edges until moist.</p> <p>Allow to dry before remaking bed.</p> <p>Apply to bedsprings, box springs, and the interior of bed frames or headboards, including all cracks and crevices.</p> <p>When bed bugs are found in upholstered furniture, apply only to the infested tufts, seams, folds and edges, but DO NOT make broadcast applications to flat surfaces where prolonged human contact will occur. If bugs heavily infest furniture (inside cushions and/or batting) apply a labeled insecticide dust or consider fumigation.</p> <p>Apply as a crack and crevice treatment to all baseboards, moldings, beneath floor coverings and carpets, closets, shelves, curtains, furniture and picture frames that may provide harborage to bed bugs.</p>
Carpet Beetles, Fleas and Ticks	<p>A total integrated pest management program is recommended. Thoroughly vacuum infested areas prior to treatment. These areas include all carpet, upholstered furniture, baseboards, and other indoor areas frequented by pets. The vacuum cleaner bag should be discarded in an outdoor trash container upon completion. Pet bedding should be cleaned or replaced.</p> <p>Apply this product as a uniform, coarse low-pressure (DO NOT exceed 50 psi at nozzle tip) spot or crack and crevice treatment to areas where these pests normally inhabit. Take care to limit spot treatments to pet bedding</p> <p style="text-align: right;"><i>Continued</i></p>

	<p>and its surrounding area, infested floor coverings and pest habitats.</p> <p>DO NOT treat entire area of floor, carpet or floor coverings.</p> <p>When these pests are found in upholstered furniture, apply only to the infested tufts, seams, folds and edges, but DO NOT make broadcast applications to flat surfaces where prolonged human contact will occur.</p> <p>This product can also be applied out-of-doors for flea and tick control (see directions in Outdoor/Perimeter Pests Section).</p> <p>A146.01 can be used with an Insect Growth Regulator (IGR). For effective control of fleas, treatment directly to the pet with an EPA registered product for such use, as well as treating outside areas pets frequent may be required.</p> <p>DO NOT treat pets with this product.</p>
Pet Kennels	<p>For residual control of crawling and flying insects in and around these structures, apply as a general surface and/or crack and crevice spray. Optimal control results if facilities to be treated are clean and if the exterior perimeter is concurrently treated with this product. Apply only to areas of facility where animals are not present.</p> <p>Allow spray to dry before allowing re-entry of animals into treated areas. DO NOT apply to animal feed or watering equipment. DO NOT treat pets with this product.</p> <p>Limit spot treatment to pet beds and infested floor coverings.</p>

FOOD/FEED HANDLING ESTABLISHMENTS

Applications are permitted in food/feed and non-food/non-feed areas of food/feed handling and processing establishments as a general surface, spot or crack and crevice treatment to control of labeled pests.

Food/Feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling,

wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food/feed. Serving areas where food/feed is exposed and the facility is in operation are also considered food/feed areas.

Non-Food/Non-Feed Areas: garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). Treat any area that insects are observed in or where insects may enter.

General Surface Applications: Before application cover or remove all food/feed processing and/or handling equipment. After application, wash all equipment, benches, shelving and other surfaces that food/feed will contact in food/feed processing plants, cafeterias and similar facilities. Clean food/feed handling or processing equipment and rinse well with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Restrictions:

- **DO NOT** use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed.
- **DO NOT** apply to food/feed products.

Spot or Crack & Crevice Applications: Except in federally inspected meat and poultry plants, spot or crack and crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application.

Restrictions:

- Application is prohibited in Federally inspected meat and poultry plants while such facility is in operation.
- **DO NOT** apply to food or food-handling surfaces.
- In the home, **DO NOT** allow spray to contact food/feed surfaces. If it does, clean surfaces with soap and water.

PEST CONTROL OUTDOORS

Apply **A146.01** as a perimeter treatment, residual spray or broadcast application to surfaces of buildings, lawns, grounds and ornamental plantings.

Pests Controlled

Ants	Cluster flies	Flesh flies	Millipedes	Sowbugs
Blue or green bottle flies	Clover mites	Flies	Mosquitoes	Spiders
Boxelder bugs	Crickets	Gnats	Moths	Springtails
Brown marmorated stinkbug	Earwigs	Ground beetles	Multi-colored Asian lady beetle	Stable flies
Carpenter ants	Elm leaf beetles	Hornets	Pillbugs	Ticks
Centipedes	Fire ants	House flies	Scorpions	Wasps
Cockroaches	Firebrats	Midges	Silverfish	Yellow jackets
	Fleas			

Where to Apply:

Apply as a perimeter treatment or residual spray around [residential and] non-residential settings. Treatments should begin at the first sighting of pests.

Residual Spray:

Apply **A146.01** to surfaces on building exteriors, porches and patios (as spot/crack and crevice applications only), and other structures, around door and windows, eaves and attic vents, utility entry points, soffit areas and other exterior openings (foundation cracks or drilled holes) where pests enter the structure or where they have been seen or found, or can find shelter.

Perimeter Treatments:

For best results, apply **A146.01** to areas where pests are seen and may find entrance. Treat the outside of the structure, including walls (to a height of 2 feet), around door and window frames, and soffits where pests are active or may enter or hide. Treat the soil, turf, or other ground covering adjacent to the structure (7 feet or less from the base of a man-made structure to pervious surfaces) where pests are seen, have been found, or can find shelter. In ant management programs, apply to flower, shrub or ornamental plant beds where ants may be nesting, find food or forage.

Restrictions:

1. **DO NOT** water the treated area to the point of run-off
2. **DO NOT** make applications during rain.
3. **DO NOT** apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack and crevice treatment. During application, **DO NOT** allow pesticide to enter or run-off into storm drains, drainage ditches, gutters, or surface waters.
4. All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
 - a) Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
 - b) Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
 - c) Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
 - d) Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
 - e) Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.) up to 2 feet above ground level;
 - f) Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn turf, mulch, or other vegetation) only if the pervious surface does not drain into ditches storm drains, gutters, or surface waters.”
 - g) “Do not apply when the wind speed is greater than 15 mph.

Use Rates:

- For a 0.01% dilution, use 0.25 fl. oz. **A146.01** (7.5 mL) per gallon of water
- For a 0.03% dilution, use 0.75 fl. oz. of **A146.01** (22.7 mL) per gallon of water.
- For a 0.06% dilution, use 1.50 fl. oz. of **A146.01** (45.4 mL) per gallon of water.

How to Apply:

Apply as a coarse low pressure (**DO NOT** exceed 50 psi at nozzle tip) spray at the rate of 0.25 to 1.5 fluid ounces of this product per 1,000 square feet of surface. Apply in a sufficient volume of water to provide adequate coverage but **DO NOT** allow run-off to occur.

High volume applications using power sprayers:

You must adjust the rate of product dilution to ensure the correct amount of the product (see Use Rate section above) is applied per 1,000 square feet of treated surface. For example, mixing 12.5 fluid ounces of this product in a 50 gallon tank, while using an application volume of 3.0 gallons per 1,000 square feet, will apply 0.75 fluid ounces of this product per 1,000 square feet. The table below gives examples of end use dilutions for typical power spraying application volumes.

DILUTION RATE CHART

Amount of Product		Application Volume Gallons of Water	Concentration (%AI) In Spray Solution
Fluid Ounces	Milliliter		
0.25	7.5	1	0.01%
		2	0.005%
		3	0.0033%
		4	0.0025%
		5	0.002%
0.75	22.7	1	0.03%
		2	0.015%
		3	0.01%
		4	0.0075%
		5	0.006%
1.5	45.4	1	0.06%
		2	0.03%
		3	0.02%
		4	0.015%
		5	0.012%

MIXING DIRECTIONS FOR A146.01 -OUTDOOR PERIMETER APPLICATION

I. A146.01 DILUTION (0.25 oz. /1000 sq. ft.) - (Based on one [home][or][structure] being 1,000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft	A146.01 Per Tank (fl. oz.)	[Homes] [Structures] Per Tank*	A146.01 Per Tank (fl. oz.)	[Homes] [Structures] Per Tank*	A146.01 Per Tank (fl. oz.)	[Homes] [Structures] Per Tank*	A146.01 Per Tank (ft. oz.)	[Homes] [Structures] Per Tank*
1	3.75	15	6.25	25	12.50	50	25.00	100
3	1.25	5	2.08	8	4.17	16	8.33	33
5	0.75	3	1.25	5	2.50	10	5.00	20
10	0.37	1.5	0.63	2.5	1.25	5	2.50	10

*Based on **A146.01** applied at 0.25 ounces per 1,000 square feet treated per [home][or][structure].

II. A146.01 DILUTION (1.00 oz. /1000 sq. ft.)

Tank Size	15 Gallon		25 Gallon		50 Gallon		100 Gallon	
Finished Spray: Gallons Per 1000 sq. ft.	A146.01 Per Tank (fl. oz.)	[Homes] [Structures] Per Tank*	A146.01 Per Tank (fl. oz.)	[Homes] [Structures] Per Tank*	A146.01 Per Tank (fl. oz.)	[Homes] [Structures] Per Tank*	A146.01 Per Tank (fl. oz.)	[Homes] [Structure s] Per Tank*
1	15.0	15	25.0	25	50	50	100.0	100
3	5.0	5	8.4	8.3	16.70	16.7	33.3	33.3
5	3.0	3	5.0	5	10.0	10	20.0	20
10	1.5	1.5	2.5	2.5	5.0	5	10.0	10

*Based on **A146.01** applied at 1.00 ounce per 1,000 square feet treated per [home][or][structure].

Application For Outdoor/Perimeter Pests	
Pests	Use Instructions
Ants, roaches and other listed crawling pests	<p>Apply as a residual spray and/or perimeter treatment around the infested structure as described above.</p> <p>Locate and treat ant nests if possible. Follow trails of foraging worker ants and inspect for likely nest sites. If ants are nesting in soil, drench or inject the nest and surrounding soil.</p> <p>Foliar applications to landscape ornamentals will control aphids, scale insects, and other plant-sucking insects and limit the production of honeydew (an important food source for ant populations). Apply a light mist of the dilute spray, and DO NOT allow excess run-off. Treat thoroughly for good coverage, including the underside of leaves.</p> <p>Remove or prune away any shrubbery, bushes, or tree branches touching the structure. Vegetation touching the structure may offer ants an entry route into the structure, allowing ants to avoid contact with the treatment.</p> <p style="text-align: right;"><i>Continued</i></p>

Occasional invaders including multi-colored Asian lady beetle, elm leaf beetle, boxelder bug, and brown marmorated stinkbug.	<p>Apply directly to insects that have congregated around doors, windows and similar areas where they may enter the structure. Apply a perimeter treatment as described above.</p> <p>For best results, treat trees and shrubs infested with boxelder bugs, elm leaf beetles, and other occasional invading species early in the season. [Tree spraying may require ornamental license - check with your local regulator].</p>
Fleas and Ticks (including ticks that may transmit Rocky Mountain Spotted Fever)	<p>Apply as a coarse wet spray to areas where fleas and ticks are most likely to be found: dog houses, kennels, runways, along paths or trails, under plants, shrubs, bushes, trees, or other shaded, moist areas where pests may be found. Treat the entire area where these pests could be present. Fleas and ticks may be re-introduced from surrounding areas by host animals.</p>
Mosquitoes	<p>Treat with spray or mist around landscape plants, turf and ground cover, under decks, around building foundations and other places where mosquitoes may rest.</p>
Fire Ants	<p>Apply as a mound drench. Dilute 1.5 oz per one gallon of water. Gently sprinkle 1 to 2 gallons of the diluted insecticide over the surface of each mound and surrounding area to a 2-foot diameter.</p> <p>For best results, apply in cool weather, 65 to 80°F or in early morning or late evening hours. Treat new mounds as they appear.</p>
Scorpions	<p>Treat areas where scorpions may hide. Treat known or suspected harborage on and around exterior walls. Apply spot treatments into cracks, crevices, weep holes or other access points into hollow block walls or masonry veneer. Spray around and beneath stones and along rocky areas.</p> <p>Scorpions will often harbor beneath the bark on trees, so inspect these areas and treat as required. When possible, remove piles of debris and building materials near the exterior wall that can harbor the pests.</p> <p>Apply a perimeter treatment to the exterior walls and adjacent soil. You may treat around piles of firewood, but DO NOT treat firewood with this product.</p>

Hornets, wasps, and yellow jackets	Make a pin stream application directly to hornet or yellow jacket nests. To reduce sting threat, make applications in the evening when the insects are inside the nest. For paper wasps, use a pin stream or fan spray and apply over surface of exposed nest. Remove and destroy treated nests to prevent emergence of newly emerged insects. If removal is not possible, retreat nests as needed.
Centipedes, millipedes, pillbugs, sow bugs, springtails	Apply perimeter treatment to reduce the number of insects entering the structure. Thoroughly treat mulched areas. Correcting moisture problems around the structure will reduce pest pressure.
House flies and Cluster flies	Apply low pressure (DO NOT exceed 50 psi at nozzle tip) mist or spray to outside of surfaces of buildings, porches, patios, garages, fences, and other areas where house flies rest. Cluster flies: Treat in late summer or fall, just before cluster flies begin looking for winter shelter. Spray siding, eaves, around windows and doors, and window screens. To help reduce infestations, treat cracks and crevices, attics and other indoor winter hiding places.

WOOD INFESTING PESTS

Apply **A146.01** as a perimeter treatment, residual spray or broadcast application to surfaces of buildings, lawns, grounds and ornamental plantings.

Pests Controlled

Beetles - Lyctid or powder post - Anobiid or deathwatch - False powderpost - Old house borers - Wharf borers - Ambrosia beetles - Bark beetles	Carpenter ants Carpenter bees Drywood termites
---	--

For treatment of wood infested with, or subject to infestation by, wood-infesting pests, apply where pests have been seen or found, or can find shelter. Not for structural protection.

Use Rates:

For a 0.06% dilution, use 1.50 fl. oz. of **A146.01** (45.4 mL) per gallon of water.

How to Apply:

Apply spray, mist, or foam as described below in the application section. Treatment dilutions may also be applied to wood surfaces by paint brush or roller. **DO NOT** contact treated surfaces until dry.

Apply when pests are seen or found. Treatments may be applied at 21-day intervals to maintain adequate control.

Foam Applications:

This product can be converted to foam and used to treat structural voids to control wood-infesting pests in walls, under slabs, within masonry voids, or in other void areas. Mix end-use dilution with manufacturer's specified volume of foaming agent.

Application For Wood-Infesting Pests	
Pests	Use Instructions
<p>Drywood termites & wood- infesting beetles (Not for Structural Protection)</p>	<p>Galleries and structural voids: Treat by applying sprays, mists, or foams. Locate galleries by using visual signs (frass or pellets, blistered wood, emergence or clean-out holes), the presence of live insects, mechanical sounding techniques, or listening devices (e.g., stethoscopes, acoustic emission detectors). Penetrate the gallery system by drilling holes to receive the injector tip or treatment tool.</p> <p>Distribute drill holes to adequately cover the gallery system. Apply as a low pressure (DO NOT exceed 50 psi at nozzle tip) spray, or by misting or, where appropriate, by foaming.</p> <ul style="list-style-type: none"> • DO NOT treat to the point where run-off is detected from adjacent holes. • Avoid drilling where electrical wiring, plumbing lines, etc. are located. • DO NOT apply where electrical shock hazards exist. • Drill holes in commonly occupied areas must be sealed after treatment. <p>Wood surfaces: Treat by spray or mist or, where appropriate, foam applications. For inaccessible surfaces, drill and treat the interior of structural voids. Surfaces treated may include exposed wooden surfaces in crawlspaces, basements, or attics. Wooden exterior surfaces: decks, fencing, or siding, structural voids, channels in damaged wood, in spaces between wooden members of a structure, and junctions between wood and foundations. Apply by brushing or as a coarse, low pressure (DO NOT exceed 50 psi at nozzle tip) spray to the wood surface; apply sufficient volume to cover the surface to the point of wetness, but avoid applying to the point of run-off.</p> <p>When spraying wood surfaces overhead in living areas, cover surfaces below the treated area with plastic sheeting or similar material. DO NOT contact treated surfaces until spray deposits have dried.</p>
<p>Carpenter ants</p>	<p>Homes and other structures: Apply around doors and windows and other places where carpenter ants may enter. Spray or foam into cracks and crevices, or spray, mist or foam through small drilled holes into voids where ants or their nests are present. Use enough spray or foam to cover the area, but DO NOT exceed 1 gallon of dilute suspension per 1,000 square feet of treated surface. Remove or prune away any shrubbery, bushes, or tree branches touching the structure. Vegetation touching the structure may offer a route of entry for ants into the structure, allowing ants to avoid contact with the treatment.</p> <p>Exterior ant nests: Inside trees, utility poles, fencing and decking materials and similar structural members, drill to find the interior infested cavity and inject spray, mist, or foam using a treatment tool with a backsplash guard.</p> <p>Tunneling in soil: Apply as a soil drench or inject the dilution or foam in the soil at intervals of 8 to 12 inches. Use 1 gallon of dilution per 8 square feet. Treat along the edges of walls, driveways or other hard surfaces where ants are tunneling beneath the surface.</p> <p>Protecting firewood from carpenter ants: Treat soil beneath firewood before stacking at 1 gallon of dilution per 8 square feet. DO NOT treat firewood with this product.</p>

Continued

Carpenter bees	Apply as a spray or mist, or sufficient volume of foam, directly into gallery entrance holes. Leave entrance open to be sure that returning adult bees are killed. When there is no longer any insect activity, the entrance hole may be sealed with a suitable sealant. Exterior wood surfaces may be treated by general surface application to prevent nest cavity excavation by adult carpenter bees.
----------------	---

TURFGRASS APPLICATIONS

A146.01 controls listed insects on turfgrasses and ornamental plants in outdoor areas: athletic fields, recreational areas, residential landscapes, parks, and public and commercial sites. Make application when insects first appear, ensuring uniform coverage.

How to Apply:

Apply as a broadcast application using a minimum of 2 gallons of water per 1000 sq. ft. with a hydraulic boom-type sprayer or other suitable equipment for turfgrass pests. Follow the specified rates listed in the Application Rates for Turfgrass Sites table. Use higher volumes (4 to 10 gallons of water per 1000 sq. ft.) for areas of dense turfgrass and/or where turfgrass is mowed at greater heights. Control is achieved when the insecticide contacts the target pest. For best results on surface-feeding insects, **DO NOT** irrigate or mow within 24 hours after application. For subsurface-feeding insects, apply 0.25 to 0.5 inch of water immediately after application. **DO NOT** allow people or pets into the treatment area until turfgrass has dried.

RESTRICTIONS:

In New York State, product may not be applied to turf within 100 feet of a coastal marsh or stream that drains directly into a coastal marsh. For control of turf insects in New York, a second application may be made after two weeks if target insect activity persists.

Application Rates For Turfgrass Pests		
Pests	Rates	Use Instructions
Ants, armyworms, centipedes, chiggers, cockroaches, crickets, cutworms, fleas(adult), grasshoppers, ground beetles, Japanese beetles (adults), leafhoppers, mealybugs, pillbugs, scorpions, sod webworms, sowbugs, springtails, spiders, ticks	0.4 to 0.6 fl. oz./1000 sq. ft or 17.5 to 26 fl. oz./A or 0.06 to 0.08 lb.ai/A	Apply at first sign of pest presence. Apply as a broadcast spray in a minimum of 2 gallons of water per 1000 sq. ft. For best control of surface feeders such as cutworms and webworms, DO NOT water or mow for 24 hours after application.
Annual bluegrass weevil (adult), billbugs (adult), black turfgrass ataenius (adult), chinch bugs, mites*, mole crickets.	0.6 to 0.9 fl. oz./sq. ft. or 26 to 39 fl. oz./A or 0.08 to 0.13 lb. ai/A	For subsurface-feeders, such as mole crickets, apply 0.25 to 0.5 inch of water immediately after application. The use of silicone surfactants in tank mixtures with A146.01 may enhance the control of some insects.

* Suppression only

LANDSCAPE ORNAMENTAL TREATMENTS

Use **A146.01** to control the listed insects on landscape ornamentals: trees, shrubs, evergreens and foliage plants. Mix the **A146.01** with the required amount of water and apply as a finished spray to upper and lower leaf surfaces to ensure thorough coverage, but not to the point of run-off. Make sure to apply sufficient product to wet the leaves, trunk and branches of ornamentals.

Restrictions:

Similar formulations have been tested on many species of ornamental plants with good results, but if local use information in this product is not available, pre-spray a few plants to check for compatibility.

Application Rates for Ornamentals		
Pests	Rates	Remarks
Adelgids, ants, aphids, azalea lace bugs, bagworms, boxelder bugs, cankerworms, cardamom thrips, cockroaches, crickets, elm leaf beetles, elm, spanworms, European pine sawflies, fall webworms, flea beetles, flies, fungus gnats, grasshoppers, greenstriped mapleworm, Gypsy moth (larvae), imported willow leaf beetles, Japanese beetles (adults)*, June beetles (adults), lace bugs, leaf-feeding caterpillars, leafhoppers, leaf rollers, loopers, leaf skeletonizers, mealybugs, midges, mimosa webworms, mites**, orangestriped oakworms, pillbugs, pine shoot beetles, pine tip moths, pinyon spindlegall midges, plant bugs, redhumped caterpillar, red imported fire ants, sawfly larvae, sowbugs, spiders, springtails, spanworms, scale insects (crawlers), tent caterpillars, ticks, webworms, yellownecked caterpillar	4 to 8 oz./100 gallons of water	Apply at first sign of pest presence. Mix A146.01 with the required amount of water and apply as a finished spray to ensure thorough coverage of all plant surfaces, but not to the point of run-off.

*Will provide anti-feedant properties on treated ornamentals against Japanese beetles.

**Suppression only.

STORED GRAIN[*]

To control adults and accessible stages of insect pests: lesser grain borer, larger grain borer, Angoumois grain moth, Indian Meal moth, tobacco moth, dermestids, and bean weevil; also to suppress populations of granary weevil, rice weevil, maize weevil, saw-toothed grain beetle, red flour beetle, and confused flour beetle.

[*Applications to stored grain not approved for use in the state of California.]

How To Apply:

Dilute **A146.01** with water [or FDA approved food grade mineral or soybean oils] and apply to the moving grain stream as a coarse spray to provide a concentration of 0.5 ppm of deltamethrin on the grain.

Final spray volume with water solutions - 5 gallons of liquid per 1000 bushels of grain [Final spray volume with oil solutions - Apply at oil manufacturer's rates]

For water solutions, intermittent agitation is necessary. [For oil solutions, constant agitation is required.] For uniform treatment, use a moving grain stream.

For stored grain, apply **A146.01** in solution at the rate of 5 gallons of solution per 1000 bushels to achieve a 0.5 ppm concentration of deltamethrin. Apply at rates as shown in the tables below:

AMOUNT OF A146.01/1000 BUSHELS OF GRAIN

GRAIN	A146.01 INSECTICIDE TREATMENT AT 0.5 PPM		GALLONS OF DILUTE SOLUTION
	FL. OZ.	ML	
BARLEY	7.31	216	5
CORN	8.53	252	5
OATS	4.88	144	5
POPCORN	8.53	252	5
RICE	6.86	202	5

RYE	8.53	252	5
SORGHUM (milo)	8.53	252	5
TRITICALE[*]	9.14	270	5
WHEAT	9.14	270	5

[*Not in Use in California]

Final spray volumes to treat 100 metric tons of grain at 0.5 ppm concentrations of deltamethrin are provided in the tables below corresponding to the grain being treated.

AMOUNT OF A146.01/100 METRIC TONS OF GRAIN

GRAIN	A146.01 PER 100 METRIC TONS AT 0.5 PPM		LITERS OF DILUTE SOLUTION
	FL.OZ.	ML	
BARLEY	33.6	993	86.9
CORN	33.6	993	74.5
OATS	33.6	993	130.4
POPCORN	33.6	993	74.5
RICE	33.6	993	92.7
RYE	33.6	993	74.5
SORGHUM (milo)	33.6	993	74.5
TRITICALE[*]	33.6	993	69.5
WHEAT	33.6	993	69.5

[*Not in Use in California]

SEED TREATMENT

Apply **A146.01** to protect stored grain seed against injury from stored grain insects listed above. Clean and treat seed storage areas prior to storage. If seed is insect infested, fumigate** to control existing populations and apply **A146.01** for residual protection. **A146.01** may also be used in conjunction with registered fungicide or other insecticide seed protectants, to protect barley, corn, oats, popcorn, rice, rye, sorghum, [triticale*] and wheat seed during the seed treating process, and prior to bagging or placing in bulk seed storage at the rate of 0.5 ppm. When treating seed with other pesticide products, the treated seed should be properly tagged, indicating the seed should not be used for food, feed or oil purposes. Seed treated with **A146.01** alone is considered grain.

**Fumigate with EPA-registered fumigant according to manufacturer's label recommendations.

[*Not in Use in California]

GRAIN BINS AND WAREHOUSES

Dilute 0.25-1.5 fl. oz. of **A146.01** with water to make 1 gallon of solution. Before storing or handling grain, apply finished spray to equipment, wall and floor surfaces of grain bins and warehouses at the rate of 1 gallon per 1000 sq. ft. but **DO NOT** allow run-off to occur. Apply after equipment bins and buildings have been thoroughly cleaned. Empty bins or warehouses should be fumigated with an EPA registered fumigant according to the manufacturer's label recommendations as well as areas that are difficult to get into. Use **A146.01** as a perimeter treatment to prevent infestation of these structures. Apply to areas where pests are seen or may find entrance. Treat a band of soil or lawn up to 7 feet wide around and adjacent to structures and treat the foundation to a height of 2 feet. Mix 0.25-1.5 fl. oz. of **A146.01** with water to make 1 gallon of solution. Apply as a coarse spray at a rate of 1 gallon per 1000 sq. ft. Thoroughly and uniformly wet the barrier area but **DO NOT** allow run-off to occur.

[Directions below are for Use as a Coating Additive ONLY –

PAINT ADDITIVE USE

A146.01 may be mixed with latex coatings and oil-based coatings such as stains, varnishes and sealers for use to kill crawling and flying insects when exposed to treated surfaces.

Note:

To ensure product efficacy, **DO NOT** prepare more than the amount of latex coating that can be applied within 3

hours of mixing. For oil-based coating, stains, varnish or sealers, the amount of coating formulated should not exceed the amount that can be applied within 6 hours.

Restrictions:

DO NOT allow children or pets to enter the treated area until surfaces are dry.

Mixing Instructions:

Add 1 2/3 fl. oz. to 1 gallon [8 1/3 fl. oz. to 5 gallons] of latex coating (water base), oil base coating, and stains or sealers. Mix well to insure proper dilution.

How to Apply:

Apply treated coating with brush, roller, or conventional airless equipment.

Note:

A146.01 can be applied only as a crack and crevice or spot treatment indoors. **DO NOT** use for broadcast interior applications such as entire walls, ceilings, and floors.

Permitted areas of use include the food/feed and non-food/non-feed areas of:

Aircraft (cargo area only)
Apartment buildings
Bakeries
Bottling facilities
Breweries
Buses
Cafeterias
Candy plants
Canneries
Dairy product processing plants
Food manufacturing plants
Food processing plants
Food service establishments
Granaries and grain mills
Hospitals
Hotels
Houses
Industrial buildings
Installations
Kitchens
Laboratories
Mausoleums
Meat, poultry and egg processing and packaging plants
Mobile and motor homes
Nursing homes
Offices
Railcars
Restaurants
Schools
Ships and vessels
Trailers
Trucks
Warehouses
Wineries

Restrictions:

- **DO NOT** apply to classrooms when in use.
- **DO NOT** use in aircraft cabins.
- **DO NOT** apply this product in occupied patient rooms or in any rooms/areas while occupied by patients, the elderly or infirm.
- **DO NOT** apply to institutions including libraries, sports facilities, or in the immediate area when occupants are present.

Pantry Pest Control:

To kill adult and accessible stages of insect pests: Spiders, ticks, cockroaches and ants. Make application to cupboards, shelving and storage areas. Remove all foodstuffs, all utensils, shelf paper and other objects before coating with this product. Allow all treated surfaces to dry and cover shelves with clean paper prior to replacing foodstuffs, utensils or other items. Discard any foodstuff accidentally contaminated with any coating solution.

Crawling Insect Pests (such as Spiders, Ticks, Cockroaches, Mosquitoes, Imported and, Southern Fire Ants, Leafcutter Ants and Silverfish):

Apply **A146.01** to localized areas of walls, ceilings and other resting areas as a crack and crevice or spot treatment.

A146.01 may be used inside residential buildings, as well as in and around carports, garages, storage sheds, unoccupied horse stables and pet kennels.

Pet Kennels:

For residual control of crawling and flying insects in and around these structures, apply as cracks and crevices or spot treatment. Optimal control results if facilities to be treated are clean, and coated surfaces are cleaned regularly (every 21 days). Apply only to areas of facility where animals are not present. Allow coating to dry before allowing re-entry of animals into treated areas. **DO NOT** apply to animal feed or watering equipment.

Food/Feed Handling Establishments:

For control of all labeled pests, applications are permitted in food/feed and non-food/non-feed areas of food/feed handling and processing establishments as spot or crack and crevice treatment.

Food/Feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food/feed. Serving areas where food/feed is exposed and the facility is in operation are also considered food/feed areas.

Non-Food/Non-Feed Areas:

Examples of non-food/non-feed areas: garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). All areas that insects inhabit or through which insects may enter should be treated.

Note:

DO NOT use this application method in the food/feed handling areas of the facility when the facility is in operation or foods/feeds are exposed. **DO NOT** apply directly to food/feed products. Cover or remove all food/feed processing and/or handling equipment during application. After application in food/feed processing plants, cafeterias and similar facilities wash all equipment, benches, shelving and other surfaces which food/feed will contact. Clean food/feed handling or processing equipment and thoroughly rinse with clean, fresh water. After application in bakeries, clean all food contact surfaces thoroughly with appropriate equipment.

Spot or Crack and Crevice Applications:

Except in federally inspected meat and poultry plants, spot or crack and crevice applications may be made while the

facility is in operation, provided exposed food is covered or removed from area being treated prior to application. **DO NOT** apply directly to food or food- handling surfaces. In the home, **DO NOT** allow coating to contact food/feed surfaces. If it does, clean surfaces with soap and water.

Residual Application:

Apply **A146.01C** to surfaces of buildings, window frames, eaves, and garages, to control Spiders, Ticks, American and German Cockroaches, Silverfish, Imported and Southern Fire Ants and Leafcutter Ants.

Note:

DO NOT apply to furniture, swing sets, or other outdoor playground articles.

CORRUGATED and CARDBOARD BOXES AND LINERS

For Commercial/Industrial Use Only

A146.01 provides residual protection to the outer surface of corrugated and cardboard (folding carton) boxes against insects that damage or feed on paper, corrugated or cardboard (folding carton).

Mixing Instructions:

To protect the outer surface of the box from damage from insects, such as spiders, ticks, silverfish, cockroaches, ants and weevil, mix 2.1 fluid oz. **A146.01** to coating for corrugated or cardboard (folding carton).

Note:

This coating can only be applied to the outside of the corrugated or cardboard (folding carton) box or to corrugated or cardboard (folding carton) box liner that is to be used for the exterior portion of the corrugated or cardboard (folding carton) box.

How to Apply:

Make application at a rate of one gallon of coating containing **A146.01** to 6000 to 8000 square ft. of surface (include size press, rod, blade, air knife, offset press, gravure and flexography). **DO NOT** APPLY TO INNER SURFACE OF BOXES.]

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

DO NOT pour or dispose down the drain or sewer. Call your local solid waste agency for local disposal options.



PESTICIDE STORAGE: Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for disposal. Concentrate is stable at normal storage temperatures.

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

CONTAINER HANDLING:

Nonrefillable containers ≤ 5 gallons: 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 ¼ full with water and recap. Shake container 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 container for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by incineration.

Nonrefillable containers > 5 gallons: Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer container for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by incineration.

LIMITATION OF WARRANTY AND LIABILITY

IMPORTANT: READ BEFORE USE. Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If these terms and conditions are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Disclaimer of Warranties and Limitations of Liability. **CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness, injury, and other unintended consequences may result because of such factors as manner of use or application (including misuse), the presence of other materials, weather conditions, and other unknown factors, all of which are beyond the control of ATTICUS, LLC. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, ATTICUS, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. **LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, neither ATTICUS, LLC the manufacturer, nor the Seller shall be liable for any indirect, special, incidental or consequential damages resulting from the use, handling, application, storage, or disposal of this product. To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use, handling, application, or storage of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid.

[A146.04] is a trademark of Atticus, LLC
Suspend® is a registered trademark of Bayer.

{LANGUAGE ON LABEL AFFIXED TO CONTAINER}

DELTAMETHRIN	GROUP	3A	INSECTICIDE
--------------	-------	----	-------------

A146.01™

Alternate Brand Name: Adjourn SC

[Contains deltamethrin, the active ingredient used in Suspend®].

[Provides Control of Listed Insect/Pests in and around the Home]

[For Insect Control on Commercial and Residential Turf and Landscape Ornamental Plants]

[For crack and crevice and spot applications in homes, hotels, schools and food handling establishments.]

[Controls ants, bedbugs, cockroaches, fleas, flies, silverfish, spiders and many other listed pests.]

[Mattress application for bedbugs and lice.]

[Broadcast spray for lawns and turfgrass to control fleas, ticks and other listed insects.]

[Concentrated suspension of micro-crystals]

[Residual control that lasts for up to 90 days]

[For use on Paints, Plastics, Fabrics and other surfaces]

[Kills crawling and flying insects when exposed to treated surfaces.]

[Protects Stored Grains and seeds against damage from Indian Meal Moth, Saw-Toothed Grain Beetle, Red Flour Beetle, Rice Weevil, Maize Weevil, and many other listed pests.] [For both indoor and outdoor uses]

[Agitate Well]

Active Ingredient:	(% by weight)
Deltamethrin.....	4.75%
Other Ingredients	95.25%
Total	100.0%

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.)

FIRST AID	
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.
HOT LINE 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 SafetyCall at 1-844-685-9173 for emergency medical treatment information.	

For Chemical Emergency

Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Remove contaminated clothing and wash before reuse.

Environmental Hazards:

This product is extremely toxic to fresh water and estuarine fish and 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. This pesticide is highly toxic to bees exposed to direct treatment. **DO NOT** apply or allow it to drift to crops or weeds on which bees are foraging the treatment area. **DO NOT** apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment wash-waters or rinsate.

Physical and Chemical Hazards:

DO NOT use water-based sprays of **A146.01** in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

DO NOT pour or dispose down the drain or sewer. Call your local solid waste agency for local disposal options.

PESTICIDE STORAGE: Mix as needed. Store in original container in a secured dry storage area. Avoid extremes in temperatures. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking and/or material is spilled on floor or paved surfaces, absorb on sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for disposal. Concentrate is stable at normal storage temperatures.

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

CONTAINER HANDLING: Nonrefillable containers ≤ 5 gallons: 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 ¼ full with water and recap. Shake container 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 container for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by incineration.

Nonrefillable containers > 5 gallons: Non-refillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer container for recycling, if available, or puncture and dispose of container in a sanitary landfill, or by incineration.

See inside label booklet for additional Precautionary Statements and Directions for Use.

[A146.01] is not manufactured, or distributed by Bayer Environmental Science, seller of [Suspend®SC].

Manufactured for:

Atticus, LLC
940 NW Cary Parkway, Suite 200
Cary, NC 27513

EPA Reg. No. 91234-XX

EPA Est. No. _____

NET CONTENTS: _____