**MAXXTHOR SC**

For use by individuals/firms licensed or registered by the state to apply termicide products when used as a termicide. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the structural pest control regulatory agency of your state prior to use of this product.

To control structural pests indoors and outdoors in and around residential, commercial, industrial, institutional and public structures and buildings.

To control pests of lawns and ornamental plants in lawns, parks, grounds, landscapes, recreational areas and athletic fields.

**Active Ingredient:**

<table>
<thead>
<tr>
<th>Active Ingredient</th>
<th>By Wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bifenthrin*</td>
<td>7.9%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Ingredients:</th>
<th>92.1%</th>
</tr>
</thead>
</table>

**TOTAL:** 100.0%

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

**EPA Reg. No. 81624-5  EPA Est. No. 81624-NC-001**

Maxxthor SC contains 2/3 pounds active ingredient per gallon.

(PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que le haya sido explicada ampliamente.)

(TO THE USER: If you cannot read and understand English, do not use this product until the label has been fully explained to you.)

For product use information call 1-866-FOR-THOR (367-8467) or visit www.maxxthor.com.

**KEEP OUT OF REACH OF CHILDREN**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**Personal Protective Equipment:** All pesticide handlers (mixers, loaders and applicators) must wear long-sleeved shirt and long pants, socks, shoes and chemical-resistant gloves. All pesticide handlers must wear a respiratory protection device when working in a non-ventilated space (such as a NIOSH approved respirator with any R or P or HE filter or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE pre-filter). All pesticide handlers must wear protective eyewear, such as goggles, face shield or safety glasses, when working in a non-ventilated space or when applying as a termicide by rod or sub-slab injection. After the product is diluted in accordance with label directions for use (or if an in-line injector system is used) shirt, pants, socks, shoes and waterproof gloves are sufficient.

**Environmental Hazards**

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

**Physical and Chemical Hazards**

Do not apply this product or solutions of this product around electrical equipment, such as electrical conduits, motor housings, junction boxes, switch boxes, etc. due to the possibility of shock hazard.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply as a broadcast application to interior wall and floor surfaces of homes except as otherwise permitted.

Do not apply by aircraft or through an irrigation or chemigation system.

Do not allow spray to drift onto ponds, streams or lakes.

Do not apply in greenhouses or nurseries.

Do not apply on sod farm turf, golf course turf or grass grown for seed.

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

Do not make applications during rain.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during application.

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

**FIRST AID**

<table>
<thead>
<tr>
<th>Condition</th>
<th>Action</th>
</tr>
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</table>
| If swallowed | - Call poison control center or doctor immediately for treatment advice.  
- Have person sip a glass of water if able to swallow.  
- Do not induce vomiting unless told to do so by the poison control center or doctor.  
- Do not give anything to an unconscious person. |
| 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 further treatment advice. |
| If on skin or clothing | - Take off contaminated clothing.  
- Rinse skin immediately with plenty of water for 15 to 20 minutes.  
- 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 to 20 minutes.  
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
- Call a poison control center or doctor for treatment advice. |

**HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-(888)-398-3772 for emergency medical treatment information.

**NOTE TO PHYSICIAN**

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

Net Contents: As marked on container
Mixing Directions For Maxxthor SC For Use As A Termicidal Application

Mix Maxxthor SC for use as a termicide in the following manner:

1. Fill tank 1/4 to 1/3 full.
2. Start pump to begin by-pass agitation and place end of treating tool in tank to allow circulation through hose.
3. Add appropriate amount of Maxxthor SC.
4. Add remaining amount of water.
5. Let pump run and allow recirculation through the hose for 2 to 3 minutes.

Maxxthor SC may also be mixed into full tanks of water, but substantial agitation is required to ensure uniformity of the solution.

Dilution of Maxxthor SC for Use as a Termicide

For termite control, use rates for Maxxthor SC are expressed and the solution is mixed according to the percentage (X%) concentration it forms when mixed in water. Use the mixing table or alternately the formulas below to determine the amount of Maxxthor SC to add to any quantity of water.

To prepare a 0.06% water solution, ready to use, dilute 3 quarts of Maxxthor SC with 99.25 gallons of water.

To prepare a 0.12% water solution, ready to use, dilute 6 quarts of Maxxthor SC with 98.5 gallons of water.

**Note**: Use the 0.12% rate in accordance with the Adjustments to Application Volume section. May also be used in accordance with the FOAM APPLICATION and APPLICATIONS TO PROTECT UNDERGROUND ITEMS FROM TERMITICATE ATTACK sections.

Calculating an Amount of Maxxthor SC to Mix

To mix any amount of Isothor SC for termite control, determine:

A = Units of water into which the Maxxthor SC will be mixed. Express any partial units as decimal fractions (1/2 = 0.5). Example: 0.5 = 1/2. Any area of measure, such as gallons or quarts, can be used for A. Answers to equations below are in same units as A.

Maxxthor SC to add to A for 0.06% = A / 132.3

Maxxthor SC to add to A for 0.12% = A / 65.7

To convert gallons to fluid ounces, multiply number of gallons X 128 fluid ounces = gallons

To convert fluid ounces to gallons, divide number of fluid ounces / 128.

*6 oz equals 1 quart*
Adjustments to Application Volume

If soil will not accept the labeled application volumes, the volume may be reduced provided there is a corresponding increase in concentration so that the amount of active ingredient applied to the soil remains the same.

Note: Large reductions of application volume reduce the likelihood of obtaining a continuous barrier. Variations in soil hostile conditions are allowed when field concentrations are consistent with label directed rates and a continuous barrier can still be achieved. While volume is reduced, the spacing of holes created for sub slab injection and soil rodding may need to be reduced to account for decreased dispersion of the solution in the soil.

For example, adjust the amount of solution applied to deliver a horizontal barrier of 10 square feet from 1 gallon to as low as 0.5 gallons and as high as 2 gallons while maintaining the amount of Maxxthor SC (1 fluid ounce) applied to a minimum depth of 4 feet. When the volume is reduced, the spacing of holes created for sub slab injection and soil rodding may need to be reduced to account for decreased dispersion of the solution in the soil.

For example, adjust the amount of solution applied to deliver a vertical barrier 10 feet long by one foot deep from 4 gallons to as low as 2 gallons and as high as 8 gallons while maintaining the amount of Maxxthor SC (4 fluid ounces) applied per 10 linear feet.

PRE-CONSTRUCTION TREATMENT

All Structures

Prior to treatment, each foundation and its associated soil must be thoroughly cleaned and treated to ensure a continuous vertical barrier is left intact. Prior to each application, applicators must notify the general contractor, construction superintendent, or similar responsible party, of the intended termiticide application and intended sites of application and all the responsible party's employees and individuals to leave the area to be treated during application and until the termiticide is absorbed into the soil.

Applicators must have written instructions for each vertical barrier application. Each structure may require different instructions to ensure the vertical barrier is applied in the manner intended by the manufacturer of the termiticide involved and that proper containment of the termiticide is provided.

Structures Containing Accessible Crawl Spaces

For structures containing accessible crawl spaces, treat the soil in the crawl space at the rate of 4 gallons of solution per 10 linear feet per foot of depth from grade to the top of the footing, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Apply by trenching and rodding into the trench, or trenching. Treat both sides of foundation and any accessible crawl spaces. Applications of termiticides such as concrete walkways adjacent to foundation elements prevent trenching. Treatment may be made by rodding alone. When soil type and/or conditions make trenching prohibitive, rodding may be used. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. Read and follow the mixing and use direction section of the label if situations are encountered where the soil will not accept the full application volume.

1. Rod holes and trenches must not extend below the bottom of the footing.

2. Rod holes must be spaced so as to achieve a continuous termiticide barrier but in no case more than 12 inches apart.

3. Trenches must be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be treated greater than 12 inches apart. When trenching in sloping (trenched) soil, the trench must be stepped to ensure adequate distribution and to prevent termiticide from running out. The solution must be mixed with the soil as it is replaced in the trench.

4. When treating plenums or crawl spaces, turn off the air circulation system of the structure until application has been completed and termiticide has been absorbed by the soil.

Structures Containing Inaccessible Crawl Spaces

For inaccessible interior areas, such as where there is insufficient clearance between floor joists and ground surfaces to allow operator access, excavate, if possible, and treat according to the instructions for accessible crawl spaces. Otherwise, apply one, or a combination of the following two methods:

1. To establish a horizontal barrier, apply to the soil surface, 1 gallon of solution per 10 square feet equivalent using a coarse nozzle. If the slab over the treated area will not be poured on the day of treatment, the soil must be washed back to a water proof contact barrier such as polyethylene sheeting.

2. To establish a horizontal barrier, drill through the foundation wall or through the floor above and treat the soil periphery using a coarse nozzle. Drill sparsally to a maximum depth of 4 feet. The holes must be spaced no more than 10 linear feet per foot of depth of the trench, or 1 foot for a single rod. The holes must be at least 16 inches apart. Trenches need not be wider than 6 inches. Mix the solution into the soil as it is being replaced in the trench. Care should be taken to avoid washing soil out from around footings thereby undermining the stability of the structure. An inside vertical barrier may not be required for a monolithic slab.

3. Trenches must be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be treated greater than 12 inches apart. When trenching in sloping (trenched) soil, the trench must be stepped to ensure adequate distribution and to prevent termiticide from running out. The solution must be mixed with the soil as it is replaced in the trench.

4. When treating plenums or crawl spaces, turn off the air circulation system of the structure until application has been completed and termiticide has been absorbed by the soil.

Masonry Voids

Drill and treat voids in multiple masonry elements of the structure extending from the structure to the soil in order to create a continuous treatment barrier in the area to be treated. Apply at the rate of 2 gallons of solution per 10 linear feet of footing using a nozzle pressure of less than 25 p.s.i. When using this treatment application technique, termiticide should be applied as close as possible to the voids or treated areas and to a maximum of 2 inches from the walls of the void. Treatment of voids in block or rubble foundation walls must be closely monitored: Applicators must inspect areas of possible runoff as a precaution against application leakage in the treated areas. Some areas may not be accessible or may require additional treatment, which may need to be applied through the slab.

TREATMENT OF STRUCTURES WITH WELLS AND CISTERNS

Structures that contain wells or cisterns within the foundation of a structure can only be treated using the following techniques:

1. Do not treat soil while it is beneath or within the foundation or along the exterior perimeter of a structure that contains a well or cistern. The well or cistern must be removed and treated outside away from the foundation.

2. To establish a horizontal barrier, drill through the foundation wall or the floor above and inject the soil periphery using a coarse nozzle. Drill sparsally to a maximum depth of 4 feet. The holes must be spaced no more than 10 linear feet per foot of depth of the trench, or 1 foot for a single rod. The holes must be at least 16 inches apart. Trenches need not be wider than 6 inches. Mix the solution into the soil as it is being replaced in the trench. Care should be taken to avoid washing soil out from around footings thereby undermining the stability of the structure. An inside vertical barrier may not be required for a monolithic slab.

3. Trenches must be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be treated greater than 12 inches apart. When trenching in sloping (trenched) soil, the trench must be stepped to ensure adequate distribution and to prevent termiticide from running out. The solution must be mixed with the soil as it is replaced in the trench.

4. When treating plenums or crawl spaces, turn off the air circulation system of the structure until application has been completed and termiticide has been absorbed by the soil.

Structures with Adjacent Wells/Cisterns and/or Other Water Bodies

Applicators must inspect all structures with nearby water sources including wells, cisterns, surface ponds, streambeds, and other bodies of water and evaluate, at a minimum, the treatment listed below prior to making an application:

1. Prior to treatment, if feasible, expose the water pipe(s) coming from a well to the structure, if the pipe(s) are not accessible or covered, the pipe(s) should be removed and treated outside away from the foundation. The treated backfill technique is described as follows:

   a. Trench and remove soil to be treated into heavy plastic sheeting or similar material.

   b. Treat the soil at the rate of 4 gallons of dilute solution per 10 linear feet per foot of depth of the trench, or 1 gallon per 0.06 cubic feet of soil. See Table I for Use of Maxxthor SC for Use as a Termiticide section of the label.

2. To establish a horizontal barrier, drill through the foundation wall or through the floor above and treat the soil periphery using a coarse nozzle. Drill sparsally to a maximum depth of 4 feet. The holes must be spaced no more than 10 linear feet per foot of depth of the trench, or 1 foot for a single rod. The holes must be at least 16 inches apart. Trenches need not be wider than 6 inches. Mix the solution into the soil as it is being replaced in the trench. Care should be taken to avoid washing soil out from around footings thereby undermining the stability of the structure. An inside vertical barrier may not be required for a monolithic slab.

3. Trenches must be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be treated greater than 12 inches apart. When trenching in sloping (trenched) soil, the trench must be stepped to ensure adequate distribution and to prevent termiticide from running out. The solution must be mixed with the soil as it is replaced in the trench.

4. When treating plenums or crawl spaces, turn off the air circulation system of the structure until application has been completed and termiticide has been absorbed by the soil.

5. No treatment is required when plumbing or cisterns, or any bodies of water. These precautions include evaluating application of the termiticide to the top of the footer may result in contamination of the subsurface drain. Factors such as depth to the drain system and soil type and degree of compaction should be taken into account in determining the depth of treatment.

6. When applicable for example, on the water side of the structure, the treated backfill technique (described above) can also be used to eliminate subsurface movement of termiticide.

FOAM APPLICATION

Maxxthor SC, in the form of a foam, can be used to deliver Maxxthor SC as a termiticide any time it appears likely that this form of delivery will improve the dispersal of Maxxthor SC into and within the intended targeted area. Foam can be particularly useful to deliver Maxxthor SC where it either cannot be depended upon to disperse as completely as a foam because of deflection of the liquid stream or some other structural obstacle or defect. Depending on the circumstances, foam applications of Maxxthor SC may be used alone or in combination with liquid solution applications, provided that the cumulative amount of active ingredient per unit of area applied is equivalent to that which would be contained in a 0.08% solution-only application applied to the same area.
APPLICATION TO WOOD OUTDOORS TO PROTECT AGAINST WOOD DESTROYING INSECTS

On and around structures

A 0.06% solution of Maxxthor SC applied as a liquid or foam to exterior structural components can be used to protect them from the attack of wood infesting insects such as termites, carpenter ants and wood boring beetles or borers. Apply solution by general fan spray to the point of runoff onto the surface of the wood or inject solution directly into existing voids or other void areas where termites have been found. Inject by either injecting solution directly into existing voids and galleries or drilling wood to form treatment channels through which the solution can be injected into the insect galleries. Multiple treatment channels of varying depth may need to be drilled to adequately distribute the solution into the wood interior. Application can also be made with a paintbrush.

To control carpenter ants, also apply solution around doors and windows and other areas carpenter ants have been observed or can be expected to forage.

Within wooden components and trees

Locate the cavity in which the insects (such as carpenter ants) are inhabiting. Inject a 0.06% solution of Maxxthor SC into the cavity as a solution or foam. Apply a sufficient volume of solution to completely fill or flood the cavity. Drill injection channels if necessary.

APPLICATION FOR LAWN PESTS

Maxxthor SC controls the listed turfgrass insect and mite pests. Maxxthor SC is not for use on turfgrasses grown for sale, commercial seed production, for other commercial use or for research. Not for use on golf course turf.

Application Sites

For use on any type of landscape or recreational turfgrasses in any type of setting or at any type of site except as otherwise prohibited. Permitted sites include lawns, grounds, recreational areas, parks, landscapes and athletic fields.

New York State only: Do not apply Maxxthor SC containing solutions to grass or turf within 100 feet of a body of water (lake, pond, river, stream, wetland or drainage ditch).

Application Precautions and Preparations

Keep children and pets off treated areas until spray has dried.

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small patch of a type of grass (with observations over one week) to detect the occurrence of negative effects before applying the application of solutions to larger areas of the lawn. To test the effects of Maxxthor SC, select a site where mixtures can be added to the soil without touching grass or soil. Mixtures may be formulated using any soil compatible with the designation of Maxxthor SC. Maxxthor SC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the labeled application rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

Application Methods

Apply solution as a broadcast treatment in a quantity sufficient to wet all foliage. If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing and cultural practices to control different types of pests.

Reapplication

Reapplications may be necessary particularly in the event of high pest pressure. Reapply as needed based on pest refitestation. Reapplications must not occur more than seven days. New York State only: Do not make a single reapplication of Maxxthor SC if there is renewed insect activity, but not sooner than two weeks after first application.

Lawn Application Use Rates and Volumes

Use rates for Maxxthor SC for lawn pests are stated in fluid ounces of Maxxthor SC per 1000 square feet.

Maxxthor SC at 0.10 to 0.50 fluid ounces per 1000 square feet depending on the target pest. Rates for specific pests within this range are given below. Applications of up to 1.0 fluid ounce per 1000 square feet are permitted at the discretion of the applicator to control any pest.

Depending on the length and/or density of grass being treated, application volumes of up to 10 gallons per 1000 square feet can be made in order to obtain uniform coverage. If a minimal volume application is made (2 gallons per 1000 square feet) and the target pest, such as mole crickets or chinch bugs for example, are located in the thatch or below the surface, irrigate the treated area with at least 0.25 inches of water immediately after the application.

The calculated volume of Maxxthor SC can be applied in any volume of water as long as the maximum label rate of 1.0 fluid ounce per 1000 feet is not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such under dosing will not result in an application rate less than 0.25 gallons per 1000 square feet in excess of the maximum label rate.

Lawn Pest Application Use Rates

The application rates listed below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 1.0 fluid ounce of Maxxthor SC per 1000 square feet can be used to control any of the listed pests. Use the higher application rates when maximum residual control is needed.

Lawn Pests Grouped by Use Rates

Use Rate A: Armyworms, Cutworms, Soil Webworms

Use Rate B: Annual Bluegrass or Corydalis Lutea Weevil (Adult), (Banks Grass Mite, Billbugs (Adult), Black Turfgrass Attaactive (Adult), Centipede, Chinch Bug, Cricket, Earwigs, Fleas (Adult), Grasshoppers, Leafhoppers, Melybug, Milipes, Mites, Pilebugs, Sowbugs

Use Rate C: Ants, Fleas (Larvae), Imported Fire Ant, Japanese Beetle (Adult), Mole Cricket (Nymph and Adult), Ticks

Mixing Table for Maxxthor SC for Lawn Applications

Use Rate Table for Maxxthor SC for Lawn Applications

<table>
<thead>
<tr>
<th>Use Rate</th>
<th>Fluid ounces Maxxthor SC per 1,000 square feet (Range)</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>0.18–0.25</td>
</tr>
<tr>
<td>B</td>
<td>0.25–0.50</td>
</tr>
<tr>
<td>C</td>
<td>0.50–1.00</td>
</tr>
</tbody>
</table>

Lawn Application Use Rates

- 2 gal.
- 10 gal.
- 25 gal.

Use Rate A: 0.18
Use Rate B: 0.25
Use Rate C: 0.50

Mixing Table for Maxxthor SC for Lawn Applications

Applicaton Volume

Use Rate

<table>
<thead>
<tr>
<th>Application Volume</th>
<th>Use Rate</th>
<th>Fluid oz./1000 sq. ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>18</td>
<td>0.18</td>
</tr>
<tr>
<td>5</td>
<td>18</td>
<td>0.18</td>
</tr>
</tbody>
</table>
Ornamental Pest Application Rates

The application rates below provide control of the listed pests under normal conditions. At the discretion of the applicator, up to 1 fluid ounce of Maxxthor SC per 1000 square feet can be used to control any of the listed pests. Use the higher application rate when maximum control is needed.

### Use Rate Table for Maxxthor SC for Ornamental Applications

<table>
<thead>
<tr>
<th>Use Rate</th>
<th>Fluid ounces Maxxthor SC per 1,000 square feet (Range)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>0.125 to 0.250</td>
</tr>
<tr>
<td>B</td>
<td>0.250 to 0.500</td>
</tr>
<tr>
<td>C</td>
<td>0.500 to 1.000</td>
</tr>
</tbody>
</table>

Ornamental Pests Grouped by Use Rates

**Use Rate A:** Bagworms, Cutworms, Elm Leaf Beetle, Fall Webworm, Gypsy Moth Caterpillar, Lace Bug, Leafcutter Ants, Meadow Crickets, Bagworms, Cutworms, Elm Leaf Beetle, Fall Webworm, Gypsy Moth Caterpillar, Lace Bug, Leafcutter Ants, Meadow Crickets

**Use Rate B:** Ants, Aphids, Bees, Beet Armyworm, Black Vine Weevil (Adult), Brown Soft Scale, Broad Mite, Budworms, California Red Scale (Crawlers), Centipedes, Citrus Thrip, Clover Mite, Crickets, Diaperes (Adult), Earwig, European Red Mite, Flea Beetles, Fungus Gnat (Adult), Grasshoppers, Leafhoppers, Leafrollers, Mealybugs, Milipedes, Moths, Mosquitoes, Orchid Weevil, Pine Needle Scale (Crawlers), Plant Bugs (including Lygus spp.), San Jose Scale (Crawlers), Scorpions, Sowbugs, Spiders, Spittlebugs, Thrips, Tip Moth, Twig Borers, Wasps, Weevils, Whiteflies

**Use Rate B except not for use in California:** Adelgids, Beetles, Cicadas, Japanese Beetle (adult), Psyllids, Spittlebugs, Treehoppers

**Use Rate C:** Imported Fire Ant, Leafminers, Pecan Leaf Scarch Mine, Pine Shoot Beetle (Adults), Spider Mites

Calculating Amounts of Maxxthor SC to Mix for Ornamental Pests

To mix and apply any amount of Maxxthor SC for ornamental pests, determine:

\[ A = \frac{\text{Square feet of area to be treated}}{1000} \times \frac{5.500 \text{ sq. ft.}}{1000} = 5.5 \]

**Application Against Specific Ornamental Pests**

**Annual Bluegrass or Hyperodas Weevils (Adult):** Consult your Cooperative Extension Service for advice on application timing in your area.

**Armyworms, Cutworms, Sod Webworms:** Do not water or mow grass within 24 hours of application for optimum control of these surface feeding insects.

**Billbug Adults:** Make application when adults first appear in the spring or when chewed or brown grass indicates damage. Consult your Cooperative Extension Service for advice on more exact application timing in your area.

**Chinch Bugs:** Water grass immediately after application to help move active ingredient deeper into thatch where these insects live. The highest application rate may be necessary to achieve control during the summer.

**Imported Fire Ant:** Combine broadcast treatments to control newly invading ants and mound treatments to control existing ant colonies. Treat mounds according to the Structural Pests Outside and Around Structures section of this label. For best results, make application during cool weather (65° to 80° degrees F) or in the early morning or late evening.

**Mole Crickets:** Make application late in the day and water grass immediately after application to move treatment down into the grass where these insects live. If soil is not moist, water before treatment to help bring crickets closer to surface before application. Treating at the time of peak hatch increases control of hatching nymphs. Frequent applications may be necessary to control larger nymphs later in the year.

**Ticks:** (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever) - Treat the entire area where the ticks could be present. Begin treatments in the spring. Ticks may be introduced by host animals in the surrounding area. Retreat may be necessary to achieve and maintain control during periods of high pest pressure.

### Ornamental Pest Application Rates

Maxxthor SC controls listed insects and mites on trees, shrubs, foliage plants, non-bearing fruit and nut trees and flowers. Non-bearing trees are perennial plants that will not produce a harvestable agricultural commodity within the next 12 months. Maxxthor SC is not for use on plants being grown for sale, for commercial seed production or for research purposes.

**Application Sites**

For use on ornamental plants including trees, shrubs, ground covers, bedding plants and foliage plants being used for decorative or climate modification purposes. Plants on which use is permitted include those being grown in any type of setting or at any type of site not otherwise prohibited. Permitted sites include ornamental gardens, parks, landscapes, lawns, grounds and interior plantscapes.

**Application Preparation**

If necessary, test the effects of applications of different rates and volumes of mixed solution on a small number of a type of plant (with observations over one week to detect the occurrence of negative effects) before application of solution to large numbers of that type of plant.

Maxxthor SC can be mixed with other pesticides, including insect growth regulators. Follow the label directions of all the products mixed, making sure not to exceed the label rate of any individual product in the mixture. Any tank mixture that has not been tested before should be tested before full scale use by first mixing a small quantity of the mixture to ensure there is no physical or chemical incompatibility.

**Application Methods**

Apply solution in a quantity sufficient to wet all foliage. It may also be necessary to treat non-leafage parts of plants such as trunks and bark to control some pests based on where the pest may be located on the plant at a particular life stage.

If necessary, consult resources in horticulture in your area (such as your Cooperative Extension Service) to determine appropriate application timing, cultural practices and placement of treatment on different parts of plants to control different pests.

**Reapplication**

Reapplications may be necessary as plant growth occurs and new foliage appears or in the event of high pest pressure. Reapply as needed based on pest re-infestation. Reapplications must not occur more often than every 7 days.

**Ornamental Application Use Rates and Volumes**

Use rates for Maxxthor SC for ornamental pests are stated in fluid ounces of Maxxthor SC per 1000 square feet.

- **Ornamental application use rates based on the target pest, range between 0.125 to 1.0 fluid ounce of Maxxthor SC per 1000 square feet.** Recommended rates for specific pests within this range are given below. However, applications of up to 1.0 fluid ounce per 1000 square feet are permitted at the discretion of the applicator to control any pest. The calculated amount of Maxxthor SC can be applied in any volume of water as long as the maximum label rate of 1.0 fluid ounce per 1000 feet is not exceeded. Do not exceed the maximum label rate by applying solution to an area smaller than intended when it was mixed and diluted unless such undersizing will not result in an application rate per 1000 square feet in excess of the maximum label rate.

- **Calculating Amounts of Maxxthor SC to Mix for Ornamental Pests**

  To mix and apply any amount of Maxxthor SC for ornamental pests, determine:

  \[ A = \frac{\text{Square feet of area to be treated}}{1000} \times \frac{5.500 \text{ sq. ft.}}{1000} = 5.5 \]

  **A = Square feet of area to be treated / 1000** (5.500 sq. ft./1000 = 5.5)

  **B = Use Rate per 1000 square feet for the target pest(s) in fluid ounces Maxxthor SC taken from the Use Rate Table.**

  **C = Calculated amount of Maxxthor SC to mix for lawn pests as follows:**

  Fluid Ounces Maxxthor SC to use = A X B

  Mix this amount of Maxxthor SC in the amount of water needed to make the application. After mixing, the percent of Maxxthor SC active ingredient contained in the mixture can be determined using the following formula:

  \[ \% = \frac{a \times i}{0.0617 \text{ fluid oz. of Maxxthor SC added}} \times \text{gallons of water in container} \]

  - **Application Against Specific Ornamental Pests**

    **Annual Bluegrass or Hyperodas Weevils (Adult):** Consult your Cooperative Extension Service for advice on application timing in your area.

    **Armyworms, Cutworms, Sod Webworms:** Do not water or mow grass within 24 hours of application for optimum control of these surface feeding insects.

    **Billbug Adults:** Make application when adults first appear in the spring or when chewed or brown grass indicates damage. Consult your Cooperative Extension Service for advice on more exact application timing in your area.

    **Chinch Bugs:** Water grass immediately after application to help move active ingredient deeper into thatch where these insects live. The highest application rate may be necessary to achieve control during the summer.

    **Imported Fire Ant:** Combine broadcast treatments to control newly invading ants and mound treatments to control existing ant colonies. Treat mounds according to the Structural Pests Outside and Around Structures section of this label. For best results, make application during cool weather (65° to 80° degrees F) or in the early morning or late evening.

    **Mole Crickets:** Make application late in the day and water grass immediately after application to move treatment down into the grass where these insects live. If soil is not moist, water before treatment to help bring crickets closer to surface before application. Treating at the time of peak hatch increases control of hatching nymphs. Frequent applications may be necessary to control larger nymphs later in the year.

    **Ticks:** (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever) - Treat the entire area where the ticks could be present. Begin treatments in the spring. Ticks may be introduced by host animals in the surrounding area. Retreat may be necessary to achieve and maintain control during periods of high pest pressure.

    **Application Against Specific Ornamental Pests**

    **Bagworms:** Spray when bagworms first begin to hatch. Apply directly to the larvae. Treatment is most effective against young larvae.

    **Structural Pests (Other Than Wood Infesting Insects)**

    Maxxthor SC controls a wide range of structural pests including nuisance pests inside and outside of structures. Maxxthor SC can be applied in and around any type of residential or commercial structure, building or mode of transport including food/feed handling establishments unless otherwise prohibited. Permitted sites include but are not limited to the interior and exterior of homes, office buildings, mobile and modular homes, apartments and stores. Do not apply within aircraft cabins.

    Follow additional application restrictions for residential outdoor surface and space sprays under DIRECTIONS FOR USE.

    **Dilution of Maxxthor SC for Structural Pests**

    For structural pests, use rates for Maxxthor SC are expressed and mixed according to the percentage (%) concentration solution it forms when mixed in water. Each 0.166 fluid ounce (1 teaspoon) of Maxxthor SC that is added to one gallon of water increases the concentration of Maxxthor SC in that one gallon of water by 0.01%. For example, to make a 0.06% solution in one gallon of water, mix 1 fluid ounce (6 teaspoons) of Maxxthor SC in one gallon of water. Use the conversion table and formulas below to determine the amount of Maxxthor SC to add to any quantity of water.

    **Calculating Amount of Maxxthor SC to Mix for Structural Pests**

    Calculate the amount of Maxxthor SC to mix for structural pests as follows:

    \[ A = \frac{\text{Volume of water, in gallons, into which the Maxxthor SC will be mixed}}{\text{any existing partial gallons as decimal fractions (1/2 = .5)}} \]
**Application Locations**

Apply to and around any areas pests or their evidence is seen or found, could hide or rest or could enter the premises including cracks and crevices, behind and under cabinets and appliances, and around doors and windows, in attics and storage areas. Spot treatments to floor or rugs beneath furniture are permitted but do not apply to entire floor area.

**Control of Specific Structural Pests Indoors**

Cockroaches, Crickets, Firebrats, Scorpions, Silverfish, Spiders, and Ticks: Apply wherever these pests may hide, enter the structure or congregate such as cracks and crevices, baseboards, wall paper openings, around doors and windows, behind and under cabinets and appliances and within and storage and attic areas.  Bedbugs: To aid in control, apply to cracks and crevices wherever evidence of bedbugs has been found including within empty dressers and closets, on bed frames and boxes and behind high and low wall moldings, and on wallpaper or wall finishes. Do not apply to wall surfaces that have been painted. Turn over all clothes and other articles from dressers or closets before application within them. Not recommended for use as a sole control agent against bedbugs. If evidence of bedbugs is found on or in mattresses, use products approved for application to these items.

**Mixing**

Mix this amount of Maxxthor SC in the prepared volume of water (A). Food stuffs within the range of 0.02% to 0.06% solution of Maxxthor SC can be applied within food/feed handling establishments in the form of a general surface, spot or crack and crevice spray.

**General Surface Application**

Do not apply this application method when facility is in use or when foods are exposed. Do not apply solution directly to food. Cover or remove all food processing and/or handling equipment before application. After application in areas where food is commercially prepared or processed, wash all utensils, benches, shelving and other surfaces which food will contact. Rinse thoroughly with fresh, clean water. Clean food handling or processing equipment and thoroughly rinse with clean, fresh water.

**Spot and Crack and Crevice Application**

Spot or crack and crevice applications may be made while the facility is in operation. Food should be covered or removed from area before treatment. Do not apply solution directly to food or food handling surfaces.

**ATTENTION**

Remove or disconnect aquariums during application.

Do not apply to broadcast application to interior surfaces of living areas.

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

Do not apply this product in areas where food i

During any application to overhead areas of structures, cover surfaces below with plastic sheeting or similar material, except for soil surfaces in cracks/spaces.

Do not allow dripping or runoff to occur during indoor applications.

Do not apply to spray contact food, foodstuffs, food contacting surfaces, food utensils or water supplies.

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

Do not allow people or pets to touch or walk on treated surfaces until spray has dried.

Do not apply this product in nursing home or patient rooms or in any rooms while occupied by the elderly or infirm.

Do not apply in classrooms when they are in use.

Do not apply when occupants are present in the immediate area in institutions such as health care facilities, libraries, schools, offices, etc.

Do not apply in livestock buildings such as barns.

Maxxthor SC will not stain or damage any surface that water alone will not stain or damage.

**IMPORTANT READ BEFORE USE**

**NOTICE:** Read the entire Directions for Use, Conditions of Sale, Disclaimer of Warranties and Limitations of 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.

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