



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

APR 18 2008

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Julie Schlekau  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427

Dear Ms. Schlekau:

Subject: MGK Wasp & Hornet Killer Aerosol  
EPA Reg. No. 1021-1775  
Submission dated 12/17/2007

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

In accordance with the attached efficacy review, delete the following claims:

- Foaming (Blanketing) foam covers nest.
- Thick foam covers (clings to) the nest
- Forms a foam blanket over the nest
- Thick foam stays on the nest (doesn't drip off like liquids)
- Thick foam seals the nest opening
- Foam expands into nest crevices.
- Expands to fill the nest (opening)
- Insects can't hide from the expanding (foaming) formula
- Foam (foaming formula) gets into hard to reach places
- Kills the entire nest
- Eliminates the nest
- Foaming (Blanketing) formula creates a barrier around the nest
- Creates a foaming (blanketing) barrier to trap insects in the nest
- Creates a foaming (blanketing) barrier to keep (help keep) insects trapped inside the nest
- Creates a foaming (blanketing) barrier to (help) keep insects from escaping the nest

Kills the insects in the nest, keeps new ones out (from getting in)  
 Kills insects returning to the nest  
 Sticky (entrapping) foam (help) stops wasps (hornets) yellow jackets) (bees) within seconds.  
 New! Foaming Spray!  
 InvisiShield Bug Barrier  
 Foam keeps (helps keep) insects from escaping the nest  
 Pinpoint accurate foam spray  
 Coats nest for complete kill  
 Gives rapid contact kill and residual kill of insects returning to the treated nest. Kills returning insects  
 Sticky (entrapping) foam stops wasps within seconds  
 Kills returning insects  
 Coats nest for complete kill.

In accordance with the attached efficacy review, delete the following from the Directions for Use  
 Kills wasps, hornets, yellow jackets (and bees) nests with a foaming bug barrier:  
 For more information and a demonstration on how to apply Ortho defense Max, visit [www.homedefensemax.com](http://www.homedefensemax.com)

Delete the following from the Directions for Use, as they suggest following directions for use are optional:  
 For best results...  
 For best results and a healthy environment, please follow instructions for appropriate usage, storage and disposal.

Revise the second and third sentences of the precautionary statements as follows:  
 Do not get on skin, in eyes or on clothing. Do not breathe spray mist.

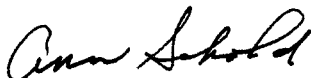
Delete the following comparative claim:  
 Superior

Add a subsection entitled "Use Restrictions" to the Directions for Use. Convert the following "optional" statement into a use restriction:  
 People and pets may not enter treated area until spray has dried.

Move the following statements, as revised, to the Use Restrictions:  
 Do not use in commercial food processing, storage, preparation or serving areas. In the home, all food processing surfaces and utensils must be covered during treatment or thoroughly washed before use. Remove pets and birds, and cover fish aquariums (tanks) before spraying.  
 Do not contaminate food or food processing surfaces.

A copy of the efficacy review is enclosed. If you have questions, please call Ann Sibold at 703 305-6502.

Sincerely,

*Joe*   
Richard Gebken  
Acting Product Manager 10  
Insecticide Branch  
Registration Division (7505P)



McLAUGHLIN  
GORMLEY  
KING COMPANY

MGK® Wasp & Hornet Killer Aerosol

8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4319 U.S.A. - Telephone (763) 544-0341

[Optional Wording]:

- [Kills Wasps, Hornets and Yellow Jackets]
- [Kills with contact]
- [Fast Acting]
- [Fast (superior) Knock-Down]
- [20 Ft. Range! [Sprays up to 20 ft. ]
- [Water-Based (Aerosol)]
- [For Outdoor Use]
- [Guaranteed kill ]
- [Kills Common Plant Pests on Ornamentals]
- [Kills Flies, Mosquitoes, Gnats, Box Elder Bugs, Aphids, Japanese Beetles, Gypsy Moths, Tent Caterpillars, Whiteflies, Mealybugs, (Spider) Mites, Small Flying Moths and other listed pests]
- [Blanketing Foam Covers Pests]
- [Blanketing Foam ][Great for Treating Nests]
- [Blanketing Foam – great for treating nests]
- [Effective (broad spectrum insecticide) (killing formula)]
- [Multi-Purpose Use – Indoors and Outdoors]
- [For Indoor and Outdoor Use]
- [Fast (superior) knock-down]
- [\*For Listed Pests]
- [\*20% More. \*Compared to our \_\_\_Size]
- [Kills on Contact]
- [Foaming (Blanketing) foam sticks to the nest]
- [Foaming (Blanketing) foam covers the nest]
- [Thick foam covers (clings to) the nest]
- [Forms a foam blanket over the entire nest]
- [Thick foam stays on the nest (doesn't drip off like liquids)]
- [Thick foam seals the nest opening]
- [Foam expands into nest crevices]
- [Expands to fill the nest (opening)]
- [Insects can't hide form the expanding (foaming) formula]
- [Foam (foaming formula) gets into hard to reach places]
- [Non-staining]
- [Kills the entire nest]
- [Eliminates the nest]
- [Foaming (Blanketing) formula creates a barrier around the nest]
- [Creates a foaming (blanketing) barrier to trap insects in the nest]
- [Creates a foaming (blanketing) barrier to keep (*help keep*) insects trapped inside the nest]
- [Creates a foaming (blanketing) barrier to (*help*) keep insects from escaping the nest]
- [Kills the insects in the nest, keeps new ones out (from getting in)]
- [Kills insects returning to the nest]
- [Sticky (entrapping) foam (*help*) stops wasps (hornets) (yellow jackets) (**bees**) within seconds]
- [Reaches on-story eaves (nests)]
- [Easy to use applicator]
- [Easy to hold applicator]

ACCEPTED  
 with COMMENTS  
 In EPA Letter Dated:  
 APR 18 2008  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under EPA Reg. No.  
 1021-1773

- [Kills hornets, wasps, **bees** and yellow jackets]
- [(Also) kills **bees** and yellow jackets]
- [NEW! Foaming Spray!]
- [Foaming barrier traps (*helps trap*) insects in the nest]
- [(Also) kills **bees** and yellow jackets]
- [InvisiShield Bug Barrier™ (*icon*)
- Foam keeps (*helps keep*) insects from escaping the nest
- Foam spray) stays where you spray it!
- Foam (spray) lets you (allows you to) see where you've sprayed!]
- [Pinpoint accurate foam spray]
- [Coats nest for complete kill]
- [Give rapid contact kill and residual kill of insects returning to the treated nest]
- [Kills returning insects]
- [Sticky (entrapping) foam stops wasps within seconds]
- [Reaches nests under roof eaves, around carports, doorways, window frames, and other outdoor areas]
- [Kills biting and stinging insects]
- [Delivers a powerful foam spray]
- [Kills returning insects
- Coats nest for complete kill]

ACTIVE INGREDIENTS:

Tetramethrin [(1-Cyclohexene-1,2-dicarboximide) methyl 2,2-dimethyl-3-(methylpropenyl) cyclopropanecarboxylate].....	0.20%
d-phenothrin: [3-phenoxybenzyl-(1RS, 3RS; 1RS, 3SR)-2,2-dimethyl-3-(2-methylprop-1-enyl) cyclopropanecarboxylate] .....	0.20%

OTHER INGREDIENTS .....	99.60%
<b>TOTAL</b>	<b>100.00%</b>

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> <li>▪ Immediately call a poison control center or doctor.</li> <li>▪ Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>▪ Do not give <b>any</b> liquid to the person.</li> <li>▪ Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> <li>▪ Take off contaminated clothing.</li> <li>▪ Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
IF INHALED:	<ul style="list-style-type: none"> <li>▪ Move person to fresh air.</li> <li>▪ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>▪ Call a poison control center or doctor for further treatment.</li> </ul>

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<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>▪ Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>▪ Remove contact lenses, if present, after the first 5 minutes. Then continue rinsing eyes.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.	

Federal regulations prohibit CFC propellants in aerosols



Net Weight \_\_\_\_\_  
 Manufactured by:  
**McLAUGHLIN GORMLEY KING COMPANY**  
 8810 Tenth Avenue North  
 Minneapolis, MN 55427  
 EPA Reg. No. 1021-1775 EPA Est. No. 1021-MN-2

**PRECAUTIONARY STATEMENTS  
 HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other aquatic invertebrates. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

**Contents under pressure.** Do not store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not apply this product around electrical equipment due to 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.

**OUTDOORS**

SHAKE TWICE ONLY [SHAKE WELL] BEFORE USING. HOLD CAN UPRIGHT. APPLY IN SHORT BURSTS. DO NOT USE INSIDE THE HOME. DO NOT SPRAY IN WINDY

CONDITIONS  
 [PRODUCT FACTS]  
 [Alternate wording]

**[Ortho & Your Environment**

Your home and yard are places for family and pets to enjoy. That's why Ortho® products are designed with care to provide effective solutions to insect problems inside and outside your home. For best results and a healthy environment, please follow instructions for appropriate usage, storage and disposal.]

[Kills wasp, hornet, yellow jacket (and bees) nests with a foaming bug barrier:

- > Wait until dusk or early morning when insects are least active. Make sure you can clearly see the opening of the nest.
- > Shake well before using.
- > Holding can upright, direct foaming spray into nest opening.
- > Completely cover the entire nest. If insects fall out, continue spraying until no more are visible.
- > After you apply, leave area immediately.

For more information and a demonstration on how to apply Ortho® Home Defense Max®, visit [www.HomeDefenseMax.com](http://www.HomeDefenseMax.com).]

[This product is non-staining to most home siding (exterior surfaces) depending on age and cleanliness. Before using in areas where spray may contact home siding, test in an inconspicuous area and re-check in a few hours. Avoid unnecessary contact with plant foliage.]

[This product may stain or adversely affect vinyl, painted, and plastic surfaces. Avoid application to asphalt roofing shingles as staining may occur. Before using in areas where spray may contact these surfaces, test in an inconspicuous area and recheck in a few hours. Avoid spraying desirable plants. Rinse with water any desirable foliage that is contacted with spray.]

To Kill Wasps: Application should be made at dusk or early morning when insects are least active. [1.] Hold can upright. [2.] Point valve opening away from face. [3.] With wind at back, aim at nests in trees, bushes, under eaves, chimneys, cracks or crevices.

To Kill Yellow Jackets: Yellow Jackets make their nests in the ground, dead tree stumps, railroad ties, walls or similar structures. [1.] During daylight hours, watch them closely to determine location of nest entrance. [2.] Wait until dusk or early morning when insects are at rest. [3.] Empty entire can down hole from a close enough distance to direct 100% of spray into hole.

To Kill Hornets: Unless you can clearly see the opening at the bottom of the hornet's nest, never use a hornet spray (on the nest) as hornets may escape and attack you. Hornets usually make their nests in trees, shrubs and under eaves. [1.] During daylight hours, determine location of nest entrance. [2.] Wait until dusk or early morning when insects are at rest. Direct foam spray into entrance hole. [3.] As hornets fall out continue spraying until no more are visible or the can is empty. [4.] Leave area immediately.

To Kill Spiders, Caterpillar and Eastern Tent Caterpillars: General: When sprayed directly on insects, this spray will kill the insect listed. Caution should be taken when spraying new tender growth on young plants.

**WHEN SPRAYING, HOLD CAN 18-24 INCHES FROM PLANT.** For best results, spray in the evening or on a cloudy day when air is still. Mist the plants lightly. Use a slow sweeping motion. Avoid wetting foliage with spray. Spray rows at the rate of 1 foot per second. For heavy growth, spray both sides of row. Repeat as needed. Do not spray when temperatures exceed 90°F.

This product is not recommended for use on vinyl siding.

[Optional Wording:]

To Kill Wasps, Yellow Jackets, and Hornets: For best results application should be made at dusk or early morning. At these times and especially during cooler weather the insects are least active, also most insects have returned to their nest. Remove protective cap. Hold can in upright position to spray. It is best to apply in short bursts. Point valve opening away from face. With wind at back, aim directly into the nest, depress button, and contact as many insects

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as possible. The foam helps determine where application has been made and aids in covering insect with chemical. Insects contacted will drop but may not immediately die. However, they will not recover. Insects which are thoroughly contacted will eventually die. Spray all individual insects observed. Spray will reach nests up to 20 feet away. Repeat as necessary. Since it is impossible to test all surfaces under all conditions, avoid unnecessary contact with plant foliage, shingles, siding etc. to minimize any potential damage.

#### Specific Use Instructions:

**For Wasps:** Aim directly at nests which are typically located in trees, attics, bushes, under eaves, chimneys, cracks and crevices.

**For Yellow Jackets:** Nests are typically located in the ground, dead tree stumps, railroad ties, wall voids, or similar structures. Empty the entire can into the hole from a close enough distance to direct 100% of spray into hole. Spray all individual insects observed.

**For Hornets:** Nests are typically located in trees, shrubs and under eaves. Never apply unless you can see the opening at the bottom of the nest as insects may escape and attack you. Therefore determine the location of the nest entrance during daylight hours but wait until dusk or early morning when the insects are least active. Direct spray into entrance hole. As insects fall out continue spraying until no more are visible or can is empty. Leave area immediately.

#### Other Uses – Outdoors Only:

**To kill Tent Caterpillars:** Applications are most effective when caterpillars are young and tents are first noticed. For best results, application should be made at dusk or early morning when insects have returned to their tents. The caterpillar tent should be thoroughly wetted with the aerosol spray. Ideally tents should be sprayed from two sides from less than 10 feet away whenever possible to achieve the most thorough coverage. Because tents are naturally water resistant/repellent, the branches coming out of the top of the tent should be thoroughly wetted on all sides if possible for distance of 1-2 feet away from the tent. The reason for this is that some caterpillars may attempt to abandon the tent shortly after spray application. Any spray residue on the branches above the tent will, therefore, contaminate the crawling individuals thereby ensuring their demise even when the spray does not penetrate the tent.

**To kill Gypsy Moth Caterpillars:** Apply directly to foliage in trees and shrubs where caterpillars are feeding. Spray individual caterpillars which migrate down trunks of trees and rest at ground level. Spray individual adult moths when observed and destroy egg masses whenever found. Avoid unnecessary contact with plant foliage, shingles, siding etc., to minimize any potential damage.

**To kill Ants:** Spray trails, nests and nest entrances. Spray individual insects where possible.

**To kill Spiders (including Black Widow and Brown Recluse Spiders):** Spray individual pests observed. Pests which are thoroughly contacted will eventually die.

**To kill Crickets, Centipedes, Sowbugs, Pillbugs and Ticks:** Spray individual pests observed. Pests which are thoroughly contacted will eventually die.

#### OUTDOORS

**GENERAL:** To kill listed ornamental pests spray directly on insects when possible. Kills Eastern Tent Caterpillars, Gypsy Moth Caterpillars, Aphids, Cankerworms, Leafhoppers, White Flies, Spider Mites, Japanese Beetles, Mealybugs, Ants, Caterpillars, and Box Elder Bugs on (ornamentals including) Ornamental Cherry, Spirea, Roses, Crepe Myrtle, Ornamental Crabapple, Andromeda, Azalea, Chrysanthemum, Gardenia, Purple Passion Vine, Peony, Oleander, and Arborvitae. Caution should be taken when spraying new tender growth on young plants. When spraying, hold can 18-20 inches from plant. For best results, spray in the

evening or on a cloudy day when air is still. Mist the plants lightly. Use a slow sweeping motion. Avoid wetting the foliage with the spray. Spray rows at the rate of 1 foot per second. For heavy growth, spray both sides of row. Do not spray when temperatures exceed 90°F. Do not spray in windy conditions. [Optional statement: People and pets should not be allowed in treated area until spray has dried.]

Optional: For use in homes and non-food areas of industrial buildings, schools, warehouses, office buildings, theaters, garages, motels and hotels.

**SHAKE WELL BEFORE USE. HOLD CONTAINER UPRIGHT. APPLY IN SHORT BURSTS.**

#### INDOORS:

(Addition for indoors:) Do not use in commercial food processing, storage preparation or serving areas. In the home all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove pets, birds and cover fish aquariums (tanks) before spraying.

(For Space Spray) To kill Flies, Mosquitoes, Gnats, Bees, Wasps, and Small Flying Moths: Close all doors and windows and direct spray into center of room with a slow sweeping motion. Spray 5-10 seconds for an average room. Keep room closed for 15 minutes after spraying. Ventilate room thoroughly before re-entry. Sweep up and destroy fallen insects. Before spraying cover exposed food and utensils.

(For Spot Treatment) To kill Ants, Centipedes, Cockroaches, Waterbugs, Palmetto Bugs, Earwigs, Crickets, Silverfish, Firebrats, Sowbugs, Pillbugs, and Spiders (including Black Widow and Brown Recluse Spiders): Contact as many insects as possible with the spray in addition to thorough spraying of all parts of the room suspected of harboring these pests. Special attention should be paid to cracks, hidden surfaces under sinks, behind stoves and refrigerators, food storage areas and wherever these pests are suspected of hiding. To kill ants, treat doors, around window frames, ant trails and other areas of entry.

[Alternate wording: For crack and crevice treatment of Ants, Cockroaches, Waterbugs, Palmetto Bugs, Centipedes, Crickets, Silverfish, Firebrats, Sowbugs, Pillbugs, Spiders, Carpet Beetles, Fleas and Ticks (such as Brown Dog Ticks): Attach extension tube to spray actuator and apply in small amounts directly into cracks and crevices. Avoid contamination of food or food processing surfaces.]

(For Spot Treatment) To kill Carpet Beetles: Directly spray as many insects as possible. Spray both interior and exterior of upholstered furniture. Both top and bottom of rugs and carpets should be sprayed thoroughly. Also treat shelves, closets, areas under furniture and wherever these insects are seen or suspected. Note: Check carpet or furniture manufacturer's warranty and care and maintenance information before using product on your specific brand of carpeting or furniture.

(For Spot Treatment) To kill exposed forms of Confused Flour Beetles, Rice Weevils, and Sawtoothed Grain Beetles: Find and destroy infested package goods. Remove all other items from pantry. Spray the shelves to kill any of the named insects present. Place clean paper on the shelves and return packages after shelves have dried.

To kill Fleas and Ticks (such as Brown Dog Ticks) in pet bedding and pet areas: Remove and destroy pet's old bedding. To reduce infestation, thoroughly spray the animal's bedding, sleeping quarters, around baseboards, window and door frames, wall cracks, local areas of floors, and other resting places until the surface is slightly moist. Treat these areas at the rate of two seconds per linear foot at a distance of 12 to 18 inches. Also spray the entire inside surface of dog houses. Put fresh bedding in pet's quarters after spray has dried. **DO NOT SPRAY ANIMALS.** Also treat dogs and cats with a registered flea and tick control product before allowing them to reenter treated area.

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To treat Flea and Tick (such as Brown Dog Ticks) infestation in rugs and carpets: Spray rugs and carpets where fleas tend to hide. If used on light or delicate upholstery fabrics, test for potential staining in an inconspicuous place prior to use. Spray thoroughly into hiding places such as cracks and crevices, in walls and floors, along baseboards, window and door frames. Spray at the rate of one square foot per second.

[Notice: Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.]

**[NOTICE:** Buyer assumes all risks of use, storage or handling of this product not in accordance with directions. Federal regulations prohibit CFC propellants in aerosols. Specially formulated for residential use.]

[Our Guarantee: If for any reason you are not satisfied with this product, mail us proof of purchase to obtain a full refund of your purchase price.]

#### STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool dry place away from heat or open flame, preferably in a locked storage area.

#### **CONTAINER DISPOSAL:**

Do Not Puncture or Incinerate!

If empty: Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions.