



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
28293-362

Date of Issuance:  
OCT 4 2004

Term of Issuance: **Conditional**

Name of Pesticide Product:  
**Unicon 1.0% Deltamethrin Concentrate**

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration

(under FIFRA, as amended)

**Name and Address of Registrant (include ZIP Code):**

**Unicorn Laboratories  
12385 Automobile Blvd.  
Clearwater, FL 33762**

**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/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

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 sec. 3(c)(7)(A), provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of you product under FIFRA section 4.
2. **Make the following labeling changes:**
  - a) Revise the EPA Registration Number to read "EPA Reg. No.28293-362 "
  - b) Delete "The Complete Outdoor Pest Control Product" claims that related to product effectiveness may be false or misleading.
  - c) Add "Outdoor" to last bullet i.e., "For Household & Domestic Use Only".
3. Please submit two (2) copies of your final printed label for before your release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Signature of Approving Official:

*BeWanda Alexander for*  
George T. LaRocca, Product Manager (13), IB/RD (7505C)

Date:

OCT 4 2004

# UNICORN 1.0% DELTAMETHRIN CONCENTRATE

[Indicates alternate text]

- [Ready-To-Use
- Easy to Use Hose End Sprayer
- Water-Based
- Water-Dilutable
- Hose End Convenience
- Do-It-Yourself Home Pest Control
- Ornamental and Hedge Treatment
- The Complete Outdoor Pest Control Product
- Lawn Treatment
- Controls Numerous Pests of Lawns and Ornamental Plants
- Control of Ticks and Chiggers
- Outdoor Use Around the Home
- (8 oz, 1 Pint(s), 1 Quart) Treats up to (10,000; 7500; 5000; 2500; 1000) Square Feet
- Contains Deltamethrin
- Lawn Insect Control
- Kills Insects in Lawns
- For Grass & Dichondra Lawns
- Kills on Contact
- For Control of Ants
- For Control of Gypsy Moths
- Kills Fire Ants
- Kills Fleas & Ticks
- Ready to Spray
- Kills over 50 Insect Pests
- Kills more than 50 Insect Pests

- Kills Crawling & Flying Insects
- Bug Killer
- Kills Ticks that may cause Lyme Disease
- Controls Mosquitoes that may cause West Nile Virus
- Non-Staining
- No Oil Residue]
- For Household & Domestic Use Only

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated**

**OCT 4 2004**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

28293-362

**ACTIVE INGREDIENT:**

Deltamethrin.....	1.00%
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**OTHER INGREDIENTS:**.....

	99.00%
	100.00%

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

See Side/Back Panel for Additional Precautionary Statements and First Aid

NET CONTENTS:

Manufactured by:  
**UNICORN LABORATORIES**  
12385 Automobile Blvd.  
Clearwater, FL 33762

<b>FIRST AID</b>	
<b>If Inhaled:</b>	<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 advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**

**CAUTION:** Harmful if inhaled. Avoid breathing vapor or spray mist. Avoid contact with skin or clothing. Contact with product may result in transient tingling and reddening of the skin which may persist for 24 hours. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash clothing before reuse.

**Environmental Hazards**

This product is extremely toxic to fresh water and estuarine fish and invertebrates. Do not apply directly to water. 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 Hazards**

Do not use water-based sprays of this product 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.**

**READ ENTIRE LABEL PRIOR TO USING THIS PRODUCT.**

Care should be taken at all times to avoid contact with undiluted product.

Wear long-sleeved shirt and long pants while applying this product through hose-end sprayer. Food utensils, such as spoons and measuring cups, must not be used for food purposes after use in measuring pesticides. Do not allow children or pets on treated areas until spray has dried.

Non-staining where water alone does not stain.

**General Information:** This product is designed for use in typical spray equipment, such as a hand pump-up sprayer or spray bottle **[or hose-end sprayer]**.

**HOSE-END SPRAYER USE DIRECTIONS:**

Mixing Instructions: Fill sprayer bottle halfway with water, then add 8 tablespoons of this product to spray bottle. Add water to fill bottle. Shake well. **[OR – The sprayer attached to the container is ready-to-use.]** Attach to your garden hose and follow these simple instructions.

1. Make sure the hose-end sprayer is firmly connected to the hose.
2. Make sure the sprayer is in the OFF position. Turn water supply on at the faucet. For best results, turn hose faucet to maximum. Water pressure will build in the hose.
3. To apply product, turn the control valve to the ON position. Water and product are now being mixed at the proper rate.

**LAWNS AND TURFGRASS** (domestic lawns & recreational areas): To control **ants, armyworms, centipedes, chiggers, chinch bugs, crickets, cutworms, earwigs, fleas, grasshoppers, mosquitoes, sod webworms, sowbugs and ticks**, spray when pests first appear. For **sod webworms**, delay watering or mowing the treated area for 12 to 24 hours after treatment.

Spray grass starting at the edge of the lawn furthest from the faucet. Walk backwards away from spray mist toward faucet. This avoids contact of shoes and hose with treated grass. Always point sprayer away from body. Use when wind is calm to avoid splash back. Do not spray on a windy day. Sweep sprayer left and right to ensure an even coverage. Apply entire contents evenly over 1000 square feet of lawn.

To stop spraying, turn the control valve to the OFF position. Turn off water at the faucet. To relieve water pressure in hose, turn control valve to the ON position before removing from the garden hose.

**ALLOW SPRAY TO THOROUGHLY DRY ON LAWN BEFORE PERMITTING ANIMALS OR CHILDREN TO ENTER TREATED AREA.**

**WHEN / WHERE TO SPRAY:** To avoid drift, spray on calm days. **DO NOT** spray near streams or rivers as this product is toxic to aquatic life. **DO NOT** spray food crops. **DO NOT** spray plants in the middle of the day in hot summer weather (i.e. above 85°F) as spray may burn the plants. For best results, spray when insects or damage are first observed.

**ORNAMENTALS AND HEDGES:** To control **ants, aphids, bagworms, eastern tent caterpillar, fall webworms, grasshoppers, mites, mosquitoes, orange striped oakworm, spittle bugs, whiteflies, yellownecked caterpillar, cutworms, leafhoppers, mealybugs, mimosa webworms, redhumped caterpillar and thrips (exposed)**: Apply spray thoroughly to all parts of hedges and bushes. Be sure to cover trunks, branches, inside and outside leaves. When spraying leaves, be sure to spray both upper and lower surfaces. Spray to penetrate dense foliage but avoid over spraying to the point of excessive runoff. To prevent being hit by spray, do not apply to overhead areas. Treat when pests appear and repeat at 7 to 10 day intervals, if needed.

**SPRAY EQUIPMENT USE DIRECTIONS:** This product is intended to be mixed with water and applied outdoors with pressurized sprayers or a pump spray bottle. Use the dilution chart below, fill sprayer with ½ of required amount of water, add the appropriate amount of concentrate then add remaining water. Close sprayer and thoroughly rinse outside of container and spray equipment with water. Shake well before application. Apply to areas such as:

Decks  
Driveways

Ornamental Plants  
Patios

Fences  
 Foundations  
 Garbage Cans  
 Lawns  
 Flowers

Shrubs  
 Walkways  
 Walls  
 Sidewalks

**DILUTION CHART**

Pests	Amount of concentrate per gallon of water	Amount of concentrate per 1/2 gallon of water	Amount of concentrate per quart of water
<p><b><u>Plant Pests:</u></b>                      armyworms,                      bagworms,                      cankerworms,                      cutworms, elmleaf                      beetles, flea                      beetles,                      grasshoppers,                      gypsomoth larvae,                      adult Japanese and                      June beetles,                      lacebugs,                      leafhoppers,                      leafrollers, leaf                      skeletonizers,                      loopers, oakworms,                      plantbugs, pine                      moths, sawfly larvae                      spanworms,                      stinkbugs, tent                      caterpillars, ticks,                      treehoppers,                      webworms</p>	<p>3 tbsp.</p>	<p>1 ½ tbsp.</p>	<p>¾ tbsp.</p>
<p><b><u>Lawn Pests:</u></b> ants,                      armyworms                      (including fall,                      yellow-striped, etc.),                      bear tick, billbugs                      (adult), black legged                      tick, boxelder bugs,                      brown dog ticks,                      centipedes,                      chiggers, chinch                      bugs, clover mites,                      cockroaches.                      crickets, cutworms,                      darkling ground                      beetles, deer ticks,                      digger wasps, essex                      skipper, field                      crickets,</p>	<p>5 tbsp.</p>	<p>2 ½ tbsp.</p>	<p>1 ¼ tbsp.</p>

Pests	Amount of concentrate per gallon of water	Amount of concentrate per 1/2 gallon of water	Amount of concentrate per quart of water
<b><u>Lawn Pests</u></b> <b>(cont'd):</b> fiery skipper, flea beetles, fleas, grasshoppers, turfgrass weevils, Japanese beetles (adults), lawn moths, leafhoppers, lone star tick, scorpions, silverfish, firebrats, sod webworms, sowbugs, spiders, spittle bugs, springtails, ticks, vegetable weevils, western black legged tick	5 tbsp.	2 ½ tbsp.	1 ¼ tbsp.
<b><u>Perimeter Pests:</u></b> ants, bear ticks, black legged ticks, carpenter ants, centipedes, chiggers, crickets, deer ticks, field crickets, grasshoppers, pillbugs, scorpions, sowbugs, spiders, springtails	8 tbsp.  or  4 oz.	4 tbsp.  or  2 oz.	2 tbsp.  or  1 oz.

**Plant Pests:** Use this product to treat flowers, shrubs, vines, shade, flowering and non-flowering trees, evergreens and other ornamental plants. Mix concentrate with water in accordance with the Dilution Rate table above. Apply spray to upper and lower leaf surfaces thoroughly but do not allow run-off or dripping to occur. Be sure to penetrate dense foliage to wet leaves, trunk and branches. Treat when pests appear.

**Lawn Pests:** Mow lawn and water thoroughly 1 to 2 days before treatment. Heavy watering should then be withheld for 2 to 3 days after treatment. Treat when insects first appear. Mix concentrate with water in accordance with the Dilution Rate table above. Spray lawn using a slow, even sweeping motion ensuring coverage of entire lawn surface. Spray under ornamental plants, shrubs and trees where pests frequent. Do not attempt to control these pests in lawns by spot treating.

**Perimeter Pests:** To help prevent infestation of buildings, mix concentrate with water in accordance with the Dilution Rate table and apply where pests are active and may find entrance. For example, treat a band of soil or lawn up to 6 – 10 feet wide around and

next to buildings and treat the foundation to a height of 2 to 3 feet. Apply 1 gallon of diluted spray per 1000 sq.ft. of surface area. Thoroughly and uniformly wet the barrier area, but do not allow runoff to occur.

**Fire Ants:** Mix 6 ounces (3/4 cup) of concentrate with one gallon of water in a watering can. Apply 1 gallon of diluted product per mound to thoroughly wet the area. Direct application at the mound and 12 inches around to allow solution to flow into ant tunnels. More or less than 1 gallon of dilution may be used depending on the size of the mound. Wait 7 – 10 days, then treat the mound again if necessary. Do not use pressurized sprays. For best results, apply in cool weather (65 – 80°F) or in early morning or late evening hours. Treat new mounds as they appear.

**Fleas & Ticks:** Mix 4 ounces (8 tablespoons) of concentrate in one gallon of water. Apply as a coarse, wet spray to areas where fleas and ticks are most likely to be found, such as dog houses, kennels, runways, cracks and crevices in sidewalks, paths or patios, under plants, shrubs, bushes, trees or other shaded, moist areas where pests may rest. Do not treat pets with this product.

**Residual Spray:** For long-lasting control of **ants, cockroaches, fleas, flies** and **mosquitoes**, mix 4 ounces (8 tablespoons) of concentrate with one gallon of water. Apply spray mixture to areas such as porches, patios, garbage dumps, garages and cracks and crevices along walkways or other areas where insects may congregate or can gain entrance to the structure.

#### STORAGE AND DISPOSAL

**STORAGE:** Store in a cool, dry area away from children.

**CONTAINER DISPOSAL:** **If empty** – Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled** – Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

[ ] Indicates alternate text in addition to any subset of the directions for use.

**NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions**