

67760-48

5-3-2002

1/8

Please read instructions on reverse before completing form. Form Approved, OMB No. 2070-0060, Approval expires 05-31-98

<b>EPA</b> United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other - Notification	OPP Identifier Number
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## Application for Pesticide - Section I

1. Company/Product Number <b>67760-48</b>	2. EPA Product Manager <b>Vickie Walters</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Glyfos Ready-to-Use 0.96% Weed &amp; Grass Killer</b>	PM# <b>Herbicide Branch</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>Cheminova, Inc. Oak Hill Park 1700 Route 23, Suite 300 Wayne, NJ 07470</b> <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. Product Name	

## Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application <input type="checkbox"/> Other - Explain below	<b>NOTIFICATION</b>  <b>MAY 3 2002</b>
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Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Notification pursuant to PR Notice 2001-6 of revisions to the Disposal Instructions

This notification is consistent with the guidance in PR Notice 2001-6 and the requirements of EPA's regulations at 40 CFR 156.10 and 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the guidance of PR Notice 2001-6 and the requirements of 40 CFR 156.10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

Signature: *Kathryn Luba*

Date: April 22, 2002

## Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No *Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt.      No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package wgt.      No. per container	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name <b>Kathryn Luba</b>	Title <b>Regulatory Specialist</b>	Telephone No. (Include Area Code) <b>973-305-6600, X 229</b>
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  (Stamped)
2. Signature <i>Kathryn Luba</i>	3. Title <b>Regulatory Specialist</b>	
4. Typed Name <b>Kathryn Luba</b>	5. Date <b>April 22, 2002</b>	

2/8

NOTIFICATION

MAY 3 2002

**Glyfos®**  
**Ready-To-Use 0.96% Weed and Grass Killer**

*[Optional proposed text appears in brackets – the final label may include some or all of the optional text]*

[Ready-To-Use]

[No mixing required] [Covers approximately [n] sq. ft. (*n depends on container size*)]

[Systemic weed and grass killer for spot treatment of unwanted weeds and grasses]

[Kills weeds and grasses listed on the label][Kills to the Root]

[No soil activity] [No residual activity in soil]

[Water-based formula]

[For use around flower beds, trees and shrubs, fences, walks, mulch beds, gravel and driveways] [For use in vegetable gardens.] [For garden plot preparation.]

[This [24] [64] or [128] fl oz [(1 gallon)] empty container can be refilled using **Glyfos Concentrate [specific product number] Weed and Grass Killer**] [See label for instructions]

[Quick connect easy to use sprayer] [with illustration]

[**Glyfos Ready-to-Use** [optional sprayer-type name] delivery system is a faster and easier to kill weeds/unwanted vegetation in your yard and garden areas. It has all the advantages of a trigger sprayer without tiring your hand]

[See directions for use of sprayer.

1. Remove this sprayer and pull cord ALL THE WAY OUT.

2. Insert green plug into spout (on cap) until it clicks. Then flip spout up.

3. Open nozzle at end of sprayer]

[For our fast and easy pressure sprayer]

[THREE EASY STEPS TO USE THIS SPRAYER

1. [Graphic] Insert white plug into handle until it clicks.

2. [Graphic] Slide lock to open. Pull up once on handle.

3. [Graphic] Push button on wand to start spraying]

[Quick and easy to use] [Quick click sprayer]

[No leaks or mess] [Easy to store] [Refillable]

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

**ACTIVE INGREDIENTS:**

\*Glyphosate, (N-(phosphonomethyl) glycine), in the form of its isopropylamine salt.....0.96%

**OTHER INGREDIENTS**.....99.04%

**TOTAL**.....100.00%

\*Acid equivalent or glyphosate content = 0.71%

**READ PRECAUTIONS AND DIRECTIONS ON [BACK] [SIDE] [INSIDE] LABEL.**

Or

**SEE {[BACK] [SIDE] [INSIDE] PANEL} [BOOKLET] FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

or

3/8

**PEEL OPEN FOR USE DIRECTIONS AND FURTHER INFORMATION.**

**NET CONTENTS:**

6 fl oz  
24 fl oz (1 pt 8 fl oz)(709 mL)  
32 fl oz (1 qt)  
64 fl oz (2 qts)(1/2 gal)(1.89 L)  
128 fl oz (1 gal)(3.785 L)  
170 fl oz (1 gal 1 qt 10 oz)(5 L)

EPA Reg. No. 67760-48

EPA Est. No

THIS IS AN END-USE PRODUCT. CHEMINOVA, INC. DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION OR REPACKAGING.

Manufactured for:  
Cheminova, Inc.  
Oak Hill Park  
1700 Route 23, Suite 300  
Wayne, New Jersey 07470

[Product of Denmark] [Product of USA]

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**CAUTION**

Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Keep children and pets away from treated areas until spray has dried. Avoid contamination of food. Do not contaminate water supplies.

**FIRST AID**

- |                    |  |
|--------------------|--|
| <b>IF ON SKIN:</b> | <ul style="list-style-type: none"><li>• Take off contaminated clothing. Rinse skin with plenty of water for 15–20 minutes.</li></ul>   |
| <b>IF IN EYES:</b> | <ul style="list-style-type: none"><li>• Call a poison control center or doctor for treatment advice.</li><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 eye.</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.

You may also call 1-800-228-5635, ext. 153, [or other designated emergency medical toll-free number] for emergency medical treatment information.

## ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

## [CONSUMER INFORMATION

[This container treats approximately:

50 weeds (6 oz)  
200 weeds (24 oz)  
250 weeds (32 oz)  
500 weeds (64 oz)  
1000 weeds (128 oz)  
1300 weeds (170 oz)

[This container covers approximately xx sq ft] *[varies with container size]*

*(values may be reduced if large harder-to-control brush species are claimed/treated)*

**[Glyfos Ready-to-Use 0.96% Weed and Grass Killer** eliminates nearly all common weeds and grasses. [Illustrations]

This product is a general purpose [non-selective] weed and grass killer for control of unwanted vegetation in driveways, walkways, curbs, along fences and foundations, near trees and shrubs, flower beds, vegetable gardens, mulch beds, and other similar garden areas [similar areas of the yard]. This product is not recommended for use in lawns because **Glyfos** will kill lawn grasses too.

**[Important:** This product is a non-selective herbicide and will kill all vegetation contacted. This herbicide kills plants by inhibiting the production of a substance found only in plants. It enters plants through the sprayed foliage and moves down to the roots. Avoid direct spray or drift onto desirable plants, lawn grasses, shrubs and trees. Protect desirable plants and vegetation with a piece of plastic or cardboard. If desirable plants are accidentally sprayed, wash plants with water immediately. Any **Glyfos** not absorbed by the plant is broken down into natural materials. This product has no soil activity and thus will not affect nearby untreated plants. Do not mow, cut or otherwise disturb treated vegetation for at least 7 days following application.

[For product information and a complete list of weeds controlled] [For more information] [For questions or comments], [call toll-free 1-800-xxx-yyyy or visit [www.xxxxx.XXX](http://www.xxxxx.XXX)]

## WEEDS CONTROLLED

### **[Annual weeds and grasses:**

Annual ryegrass, annual bluegrass, barnyardgrass, beggarweed, black medic, blue medic, blue mustard, blue toadflax, brassbuttons, brome grass, bur clover, buttercup, cheeseweed, chickweed, clover, common lambsquarters, common plaitain, common ragweed, common groundsel, crabgrass, creeping beggarweed, diffuse lovegrass, dog fennel, evening primrose, false dandelion, fall panicum, fennel, fiddleneck, field pennycress, field sandbur, filaree, Florida pusley, foxtail, garden spurge, goosegrass, green foxtail, hemp sesbania, henbit, horseweed/marestail, ironweed, knotweed, lambsquarters, little bitter cress, London rocket, maiden cane, mallow, mayweed, mouseear chickweed\*, oxalis\*, Pennsylvania smartweed, pennywort, pigweed, prickly lettuce, prostrate spurge, puncture vine, purslane, redroot pigweed, sandspur, shepherdspurge, smartweed, smooth cat's ear, smooth pigweed, sowthistle, spotted spurge, sprangletop, spurge, tansy mustard, tansy ragwort, teaweed, Texas panicum, tumble

mustard, velvetleaf, wild geranium\*, witchgrass, wild mustard, yellow nutgrass, yellow oxalis] [and many other annual grasses, weeds, brush and sedges] [and many other unwanted vegetation] [kills many types of weeds and grasses].

**[Perennial Weeds, grasses and brush:**

Alder, artichoke thistle, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, blackberries, bluegrass, broadleaf plantain, brownseed paspalum, buckhorn plantain, buckhornbull thistle, Canada thistle, cattail, ceanothus, centipedegrass, cherry, cocklebur, cogongrass, common mullein, common ragweed, coralbead, coyote brush, creeping bentgrass, creeping Charlie, creeping lantana, curly dock, dallisgrass, dandelion, dewberry, dog fennel, elderberry, false dandelion, fescues, field bindweed, guineagrass, hairy crabgrass, honeysuckle, horseradish, horsenettle, iceplant, Johnsongrass, Kentucky bluegrass, kikuyugrass, knapwood, knawel, kudzu, lantana, maiden cane, milkweed, mouseear chickweed\*, multiflora rose, nimbleweed, nutgrass (nutsedge), oak species, oldenlandia, orchardgrass, oxalis\*, pampasgrass, pennywort, plantain, poison oak, poison ivy, poison hemlock, primrose, purple cudweed\*, purple nutsedge, quackgrass, quacking aspen, ragweed, raspberry, red clover, ryegrass, smooth brome grass, sourdock, sowthistle, St. Augustinegrass, sumac, tall fescue, tansy ragwort, thistle, Timothy, torpedograss, trumpet creeper, vaseygrass, Virginia creeper, white clover, whitetop, wild barley, wild blackberry, wild carrot, wild morning-glory, wild oats, wild sweet potato, willow, yarrow, yellow nutgrass, yellow starthistle, zoysia] [and many other perennial grasses, weeds, brush and sedges] [and many other unwanted vegetation] [kills many types of weeds and grasses].

\*Annual or Perennial

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow label instructions and all precautionary statements.

**Note:** See the **CONSUMER INFORMATION** section of this label for important information on protecting plants you like.

**[When to use] [When to apply]:** Apply when weeds are actively growing. It is best to apply on a warm sunny day when daytime temperatures are above 60° F and no rain is forecasted for 24 hours.. To avoid drift to desirable plants, apply when the air is calm. Rain or watering 2 hours after application will not wash away effectiveness.

**[How to use] [How to apply]:** **Glyfos Ready-to-Use 0.96% Weed and Grass Killer** is pre-mixed, pre-measured and ready to use. To re-fill empty container, see **REFILLING**

**INSTRUCTIONS.** This product is formulated for "spot" treatment of individual weeds and grasses. Apply with a plastic, aluminum or stainless steel tank-type sprayer. Adjust nozzle to make a coarse spray. **Do not apply with galvanized or unlined steel sprayer, or through any irrigation system or sprinkling can.**

Make application when the air is calm. Position the sprayer-tip approximately 1-2 feet from the target weed and apply to the foliage. Thoroughly wet the foliage of the target weeds and grasses. Do not overspray. A single application of **Glyfos** controls most listed weeds. Most treated weeds usually show initial symptoms in 2-4 days and complete kill in 1-2 weeks. Hard-to-control weeds may require a repeat application after 4 weeks.

[Optional Edger Sprayer text]

[**Glyfos Ready-to-Use 0.96% Weed and Grass Killer** is an easy edger for use along driveways, walkways, sidewalk cracks, around landscaping, ornamentals, trees, and shrubs. Use in larger areas such as patios and brick and gravel walks.

**To use:** Remove cap and fasten the built-in sprinkler applicator. For edging, turn container upside down. Walk slowly holding nozzle 2 to 6 inches [above weeds and grasses] [area to be treated]. Thoroughly wet the foliage of the unwanted vegetation. A one-gallon container covers a 2 inch band 1200 feet long. For larger area coverage, adjust the width of the spray pattern by varying the height of the container.]

## REPLANTING INSTRUCTIONS

### [WHEN TO REPLANT]

- All ornamental flowers, trees and (&) shrubs may be planted **1 day after** application.
- The following berries may be planted **1 day after** application: Blackberry, Blueberry, Boysenberry, Cranberry, Currant, Dewberry, Elderberry, Gooseberry, Huckleberry, Loganberry, Olallieberry and (&) Raspberry (Black and (&) Red).
- The following fruits, vegetables & (and) herbs may be replanted **1 day after** application: Artichoke (Jerusalem), Beans (all), Beet Greens, Broccoli, Brussels Sprouts, Cabbage (all), Carrot, Cauliflower, Celery, Chard (Swiss), Chicory, Collards, Endive, Horseradish, Kale, Kohlrabi, Leek, Lentils, Lettuce, Mustard Greens, Okra, Onion, Rape Greens, Parsley, Parsnips, Potato, Radish, Rhubarb, Rutabaga, Spinach, Sweet Potato, Turnip & (and) Yams.
- The following fruits, vegetables & (and) herbs may be planted **3 days after** application: Corn, Cucumber, Eggplant, Garlic, Gourds, Melons (all), Peas (all), Peppers (all), Pumpkin, Squash (summer & (and) winter), Tomatillo, Tomato (by seed) & (and) Watercress.
- Lawn grasses may be planted [re-seeded] **7 days after** application.
- Tomatoes from transplant & (and) unlisted fruits, vegetables & (and) herbs may be planted **30 days after** application.

### [WHEN TO HARVEST]

If used to control weeds around fruits or nuts, wait the following number of days before harvesting:

- Citrus (Citron, Grapefruit, Kumquat, Lemon, Lime, Mandarin, Orange, Pummelo, Tangelo, Tangerine), Guava, Papaya – **1 day**.
- Nuts (Almond, Beechnut, Brazil Nut, Butternut, Cashew, Chestnut, Filbert, Hazelnut, Hickory Nut, Macadamia, Pecan, Pistachio, Walnut) – **3 days**.
- Apple, Avocado, Banana (Plantains), Berries (except Cranberries), Dates, Figs, Grapes, Loquat, Passion Fruit, Pear, Persimmon, Pomegranate & (and) Quince – **14 days**.
- Apricot, Cherries, Nectarine, Olives, Peach, Plum and (&) Prunes – **17 days**.
- Cranberries – **30 days**.

[Optional Text:

## REFILLING INSTRUCTIONS

[24 fl oz hand sprayer]

Add 1½ cups [12 fl oz] of [water] [clean tap water] to this empty [container] [sprayer], then add 3 tablespoons of **Glyfos Concentrate 18% Weed and Grass Killer** or 4 teaspoons of **Glyfos Concentrate 27% Weed and Grass Killer**. Continue to add water slowly until full. Close container and shake to mix. Follow label directions for use. Do not reuse this container for any

other product or purpose.

[32 fl oz hand sprayer]

Add 2 cups [16 fl oz] of [water] [clean tap water] to this empty [container] [sprayer], then add 1.75 fl oz (3.5 Tbs) of **Glyfos Concentrate 18% Weed and Grass Killer** or 0.75 fl oz (1.5 Tbs) of **Glyfos Concentrate 27% Weed and Grass Killer**. Continue to add water slowly until full. Close container and shake to mix. Follow label directions for use. Do not reuse this container for any other product or purpose.

[64 fl oz container]

Add 4 cups [32 fl oz] of [water] [clean tap water] to this empty [container] [sprayer], then add 3½ fl oz (7 Tbs) of **Glyfos Concentrate 18% Weed and Grass Killer** or 1½ fl oz (3 Tbs) of **Glyfos Concentrate 27% Weed and Grass Killer**. Continue to add water slowly until full. Close container and shake to mix. Follow label directions for use. Do not reuse this container for any other product or purpose.

[128 fl oz container]

Add ½ gallon [64 fl oz] of [water] [clean tap water] to this empty [container] [sprayer], then add 7 fl oz (7/8 cup) of **Glyfos Concentrate 18% Weed and Grass Killer** or 3 fl oz (6 Tbs) of **Glyfos Concentrate 27% Weed and Grass Killer**. Continue to add water slowly until full. Close container and shake to mix. Follow label directions for use. Do not reuse this container for any other product or purpose.

[170 fl oz [5 L] container or Fast & Easy Pressure Sprayer]

Add 2½ L [85 fl oz] of [water] [clean tap water] to this empty [container] [sprayer], then add 10½ fl oz of **Glyfos Concentrate 18% Weed and Grass Killer** or 4½ fl oz of **Glyfos Concentrate 27% Weed and Grass Killer**. Continue to add water slowly until full. Close container and shake to mix. Follow label directions for use. Do not reuse container for any other product or purpose.]

## STORAGE AND DISPOSAL

[For refillable containers]

**Storage:** Use and store this product only in its original container. Store product in a secure storage area away from sources of heat or open flame. Protect product from freezing.

**Disposal:** Do not reuse container except for refill in accordance with refill instructions. **If empty:** Do not reuse this container. Place in trash and 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. **Spill or leak:** In case of spill or leak, soak up with paper towels and discard in trash.

[Additional Storage directions for **Edger Sprayer** container]

Flip down spout to close. No need to disconnect trigger sprayer. Close nozzle on trigger sprayer. Snap sprayer back in place.

[Additional Storage directions for **Fast & Easy Pressure Sprayer**]

To store, make sure handle is all the way down. Slide lock to close position. Do not disconnect wand from handle. Snap wand back into place.

[Non-refillable container text]

**Storage:** Use and store this product only in its original container. Store product in a secure storage area away from sources of heat or open flame. Protect product from freezing.

**Disposal: If empty:** Do not reuse this container. Place in trash and 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. **Spill or leak:** In case of spill or leak, soak up with paper towels and discard in trash.

## DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on field uses and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Desirable plant injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Cheminova. All such risks shall be assumed by the user.

Cheminova warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the Directions for Use set forth in the label, subject to the risks referred to above.

Any damage arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values or any other special or indirect damages.

Cheminova makes no other express or implied warranty including any other express or implied warranty of FITNESS or MERCHANTABILITY.

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