

67760 -47

02/22/2001

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

EPA Reg.  
Number:

67760-47

Date of Issuance:

FEB 22 2001

## NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Glyphos Ready-To-Use  
1.92% Weed & Grass  
Killer

Name and Address of Registrant (include ZIP Code):

Cheminova, Inc.  
Oak Hill Park  
1700 Route 23, Suite 300  
Wayne, NJ 07470

**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 section 3(c)(7)(A) provided that you:

1. Submit the results of the one year storage stability (830.6317) and corrosion characteristics (830.6320) studies once they are completed,

2. Submit/cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment.

a. Add the phrase "EPA Registration No. 67760-47".

b. Delete the following statement

OR

## ACTIVE INGREDIENT

Glyphosate.....1.92%  
Other Ingredients .....98.08%  
Total 100.00%

c. Replace the deleted statement with

"Acid equivalent or Glyphosate content=1.42%..."

Signature of Approving Official:

Date:

2/22/01

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d. The statement "Reformulation or Repacking for sale is Prohibited" must be deleted or revised to read to similar to the following "This is an end-use product. Cheminova, Inc. does not intend and has not registered it for reformulation or repackaging."

3. Submit three (3) copies of your final printed labeling before you 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 constitutes acceptance of these conditions.

A stamped copy of labeling is enclosed for your records.

Please note for future submissions labeling requiring revisions will not be stamped "Acceptable". Submissions requiring label revisions will be rejected pending submission of corrected labeling.

Submit three (3) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

JKW

# Glyfos®

## Ready-To-Use 1.92% 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] [Water-based]  
 [Kills to the Root] [No root, no weed, no problem]  
 [Kills the root so weeds don't grow back] [Kills weeds and unwanted grasses, roots and all]  
 [Starts working overnight]  
 [Starts working in hours]  
 [Starts to kill overnight]  
 [Starts to kill in/within the same day]  
 [Starts to kill in hours]  
 [See results in 24 hours, see results in hours]  
 [Stronger formula] [New/improved formula]  
 [(Now) twice as strong] [More concentrated formula]  
 [Special formulation for control of hardy weeds]  
 [No soil activity, must be applied to the foliage]  
 [Approved for use in vegetable gardens]  
 [Ideal for vegetable garden weed control]  
 [Use in and around vegetable gardens]  
 [Ideal for tough to reach weeds found in flower [beds] and vegetable gardens]

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### ACTIVE INGREDIENTS:

Glyphosate, (N-(phosphonomethyl) glycine), in the form of its isopropylamine salt.....1.92%

**[OTHER INGREDIENTS:]**..... 98.08%

**TOTAL**..... 100%

(OR)

#### ACTIVE INGREDIENT :

Glyphosate.....1.92%

**OTHER INGREDIENTS**..... 98.08%

**TOTAL**..... 100%

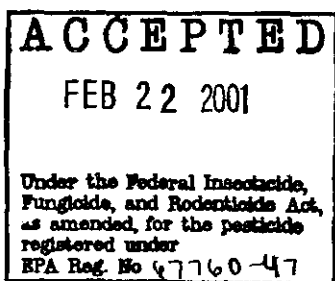
READ PRECAUTIONS AND DIRECTIONS ON [BACK] [SIDE] [INSIDE] LABEL.

or

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

or

PEEL OPEN FOR USE DIRECTIONS AND FURTHER INFORMATION.



#### NET CONTENTS:

6 fl oz Sample size.

8 fl oz Sample size.

24 fl. oz. (1 pt 8 oz)(709 mL)

32 fl oz (1 qt)(0.9 L)

64 fl. oz. (1/2 gal)(2 qts)(1.89 L)

67 fl oz (0.52 gal)(2 L)

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128 fl oz (1 gal)(3.7 L)  
135.4 fl oz (1.05 gal)(4 L)  
170 fl oz (1.3 gal)(5 L)  
202 fl oz (1.58 gal)(6 L)  
256 fl oz (2 gal)(7.7 L)

EPA Reg. No. 67760-

EPA Est. No

REFORMULATION OR REPACKAGING FOR SALE IS PROHIBITED

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><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| <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 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 medical emergency 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:

- 200 weeds (24 oz)
- 250 weeds (32 oz)
- 500 weeds (64 oz)

1000 weeds (128 oz)

1300 weeds (170 oz)

1500 weeds (202 oz)

2000 weeds (256 oz)

[This container covers approximately xx sq. ft.] *[varies depending on container size]*  
*(values may be reduced if large harder-to-control brush species are claimed/treated)*

**[Glyfos Ready-to-Use 1.92% Weed and Grass Killer** eliminates nearly all common weeds and grasses.] [Illustrations]

This product can be used in driveways, walkways, curbs, along fences and foundations, near trees and shrubs, in flower beds, mulch beds, vegetable gardens, and other similar areas of the yard to get rid of undesirable vegetation.] [Edging around lawns] [For lawn replacement/renovation] [For garden plot preparation]

**[Important:** This product is a non-selective herbicide that will kill all vegetation contacted. This herbicide kills unwanted 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.xxxxxx.xxx](http://www.xxxxxx.xxx)]

## WEEDS CONTROLLED

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

Annual ryegrass, annual bluegrass, barnyardgrass, beggarweed, black medic, blue medic, blue toadflax, brassbuttons, blue mustard, brome grass, bur clover, buttercup, cheeseweed, chickweed, clover, common groundsel, common lambsquarters, common plantain, common ragweed, 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, spurges, tansy mustard, tansy ragwort, teaweed, Texas panicum, tumble mustard, velvetleaf, wild geranium\*, witchgrass, wild mustard, yellow nutgrass, yellow oxalis] [and many other annual grasses and weeds] [controls many unwanted plants] [kills many weeds and grasses].

### **[Perennial weeds, grasses and brush:**

Alder, artichoke thistle, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, blackberries, bluegrass, broadleaf plantain, brownseed paspalum, buckhorn plantain, bull 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, fescue species, field bindweed, guineagrass, hairy crabgrass, honeysuckle, horsenettle,

horseradish, iceplant, Johnsongrass, Kentucky bluegrass, kikuyugrass, knapweed, knawel, kudzu, lantana, maiden cane, milkweed, mouseear chickweed\*, multflora rose, nimblewill, nutgrass (nutsedge), oak species, oldenlandia, orchardgrass, oxalis\*, pampasgrass, pennywort, perennial ryegrass, plantain, poison oak, poison ivy, poison hemlock, primrose, purple cudweed\*, purple nutsedge, quackgrass, quaking aspen, ragweed, raspberry, red clover, 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] [controls many unwanted plants] [kills many weeds and grasses].

\*Annual or Perennial

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Read and follow all label instructions and 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. Re-apply if rain occurs within 24 hours after application. To avoid drift to desirable plants, apply when the air is calm.

**[How to use] [Application Instructions]:** Glyfos Ready-to-Use 1.92% 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. Adjust nozzle to make a coarse spray. [OR] Adjust nozzle to deliver a spray pattern appropriate for the job. [OR] For the Pull 'N Spray™ or Fast & Easy Pressure Sprayer, adjust nozzle to deliver a narrow or wide spray appropriate for the job. **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 or plant you want to control and apply to the foliage. Thoroughly wet the foliage of the target vegetation. Do not overspray. A single application of **Glyfos** controls most listed weeds. Sprayed plants begin yellowing and wilting in about 1 week, with a complete kill, including the roots, in 2 to 4 weeks. Harder-to-control weeds may require a repeat application after 4 weeks.

Not recommended for spot weed treatment in established lawns as Glyfos kills lawn grasses too. If replacing a lawn or parts of a lawn, see **Lawn Renovation [Replacement] Recommendations** on this label.

#### **[Quick-connect sprayer (QCS)] [illustration]**

[Easy to use sprayer] [No leaks or mess] [Easy storage (see [back] [side] [booklet] for instructions)]

- Remove sprayer. Pull cord/tubing ALL THE WAY OUT.
- Insert Green plug into spout (on cap) until it clicks.
- Flip up spout. Open nozzle at end of sprayer.

#### **[Pull/Lift 'n spray™ (PNS)] [illustration]**

[Easy to use hand sprayer] [No more tired/achy hands caused by trigger sprayers]

[New/now fast and easy pressure/tank sprayer] [New/now PULL/LIFT 'N SPRAY]

[New larger capacity] [33% larger than one gallon container]

[Fast and easier application] [Quickly covers large areas]

[Refillable tank/container sprayer]

[Easy to use [container sprayer] [adjustable sprayer]]

[Easy to assemble and use]

[2 simple steps:

- Lift/pull up once on the T-grip/handle.
- Press/push button and start spraying.

[See back panel/label for assembly instructions.

[sticker on sprayer] [Unhook/lift up to remove sprayer. Pull [3-ft extension] cord/tubing ALL THE WAY OUT.

[POWERFUL CONTINUOUS SPRAY IN 3 SIMPLE STEPS/ASSEMBLY INSTRUCTIONS:

- Insert white plug into [the] T-grip/handle (on cap) until it clicks.
- Slide lock to open. Lift/pull up once on T-grip/handle.
- Press/push button on spray to start spraying.]

### **Lawn renovation [replacement] recommendations:**

Use **Glyphos** to kill old lawns with an excess of undesirable weeds before planting the new lawn.

Skip a mowing before spraying.

Under dry conditions, water 2 to 3 days before application and, if necessary, 2 to 3 days after application.

If green patches remain after 7 days, reapply as a spot treatment.

Do not rake, till or otherwise disturb the soil for at least 7 days following application.

Wait 7 days after treatment to plant seed or install sod.

[OPTIONAL TEXT:

### **REPLANTING GUIDE**

Wait the following number of days before planting in treated areas:

Ornamental flowers, trees and shrubs	<b>1 day</b>
Blackberry, blueberry, boysenberry, cranberry, currant, dewberry, elderberry, gooseberry, huckleberry, Loganberry, olallieberry, red raspberry and black raspberry	<b>1 day</b>
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	<b>1 day</b>
Corn, cucumber, eggplant, garlic, gourds, melons (all), peas (all), peppers (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress	<b>3 days</b>
Lawn grasses	<b>7 days</b>
Tomatoes from transplants and all berries, fruits, vegetables and herbs not on the previous lists	<b>30 days</b>

[Optional Text:

**HARVEST INTERVAL FOR VEGETABLE GARDEN CROPS\***

When using this product to control weeds around fruits, nuts and vegetables listed below, wait the following number of days before harvesting:

Citrus (citron, grapefruit, kumquat, lemon, lime, mandarin orange, pummelo, tangelo, tangerine), guava, papaya	<b>1 day</b>
Nuts (almond, beechnut, Brazil nut, butternut, cashew, chestnut, filbert, hazelnut, hickory nut, macadamia, pecan, pistachio, walnut)	<b>3 days</b>
Apple, avocado, banana (plantains), berries (except cranberries), dates, figs, grapes, loquat, passion fruit, pear, persimmon, pomegranate and quince	<b>14 days</b>
Apricot, cherries, nectarine, olives, peach, plum and prunes	<b>17 days</b>
Cranberries	<b>30 days</b>

\*Do not apply Glyphos Ready-to-Use 0.92% Weed and Grass Killer directly to fruits, nuts or vegetables.

[Optional text:

**REFILL INSTRUCTIONS**

[24 fl oz]:

Add 1½ cups [12 fl oz] of [water] [clean tap water] to this empty [container] [sprayer], then add 2.5 fl oz of **Glyphos Concentrate 18% Weed and Grass Killer** or 1¼ fl oz of **Glyphos Concentrate 27% Weed and Grass Killer**. Continue to add water until full. Close container and shake to mix. Follow label directions for use. Do not reuse container for any other product or purpose.

[32 fl oz]:

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

[64 fl oz]:

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

[128 fl oz]:

Add ½ gallon [64 fl oz] of [water] [clean tap water] to this empty [container] [sprayer], then add 13¼ fl oz of **Glyphos Concentrate 18% Weed and Grass Killer** or 6 fl oz of **Glyphos Concentrate 27% Weed and Grass Killer**. Continue to add water until full. Close container and shake to mix. Follow label directions for use. Do not reuse container for any other product or purpose.



[170 fl oz/ Pull 'N Spray or Fast & Easy Pressure Sprayer]:

Remove the entire spraying system/pumping mechanism. Add [2½ L] [85 fl oz] of [water] [clean tap water] to this empty [container] [sprayer], then add 18 fl oz of **Glyfos Concentrate 18% Weed and Grass Killer** or 8 fl oz of **Glyfos Concentrate 27% Weed and Grass Killer**. Continue to add water until full. Close container and shake to mix. Follow label directions for use. Do not reuse container for any other product or purpose.

[202 fl oz]

Add ¾ gallon [96 fl oz] [3 L] of [water] [clean tap water] to this empty [container] [sprayer], then add 21¾ fl oz of **Glyfos Concentrate 18% Weed and Grass Killer** or 9 ½ fl oz of **Glyfos Concentrate 27% Weed and Grass Killer**. Continue to add water until full. Close container and shake to mix. Follow label directions for use.

[256 fl oz]

Add 1 gallon [128 fl oz] of [water] [clean tap water] to this empty [container] [sprayer], then add 27½ fl oz of **Glyfos Concentrate 18% Weed and Grass Killer** or 12 fl oz of **Glyfos Concentrate 27% Weed and Grass Killer**. Continue to add water until full. Close container and shake to mix. Follow directions for use.

### 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 open flame. Protect product from freezing.

**Disposal:** Do not reuse container except for refill in accordance with refill instructions. To dispose of unused product and container, securely wrap original container in several layers of newspaper and discard in trash.

**Spill or leak:** In case of spill or leak, soak up with paper towels and discard in trash.

[Additional Storage directions for **24 and 32 fl oz:**]

Rotate nozzle to closed position. Close nozzle on trigger sprayer.

[Additional Storage directions for **Quick Connect Sprayer:**]

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 **Pull 'N Spray™:**]

Push T-grip/handle down. Slide lock to close. DO NOT DISCONNECT PLUG FROM T-GRIP/HANDLE. Hook sprayer back in 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:** Do not reuse container. To dispose of unused product and container, securely wrap original container in several layers of newspaper and discard in trash.

**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.

™Pull 'N Spray is a Trademark of Monsanto Company.

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