

67760-54

4-12-2002

1/9

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

EPA United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration	OPP Identifier Number
	<input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other - Notification	

Application for Pesticide - Section I

1. Company/Product Number 67760-54	2. EPA Product Manager Vickie Walters	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Glyfos Concentrate 7.5% Weed & Grass Killer	PM# Herbicide Branch	
5. Name and Address of Applicant (Include ZIP Code) Cheminova, Inc. Oak Hill Park 1700 Route 23, Suite 300 Wayne, NJ 07470 <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

NOTIFICATION

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below

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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 10, 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 <i>*Certification must be submitted</i>	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 Kathryn Luba	Title Regulatory Specialist	Telephone No. (Include Area Code) 973-305-6600, X 229
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 Regulatory Specialist	
4. Typed Name Kathryn Luba	5. Date April 10, 2002	

Glyfos® Concentrate 7.5% Weed & Grass Killer

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

- [For General Weed Control] [Kills weeds and grasses] [in 2 to 4 weeks] [down to the root] [roots and all] [Kills to the root]
- [Water-based Formula]
- [No Odor]
- [Kills weeds [near] [under] fences, in driveways, on patios, in paths, sidewalks, cracks, walkways, gardens, trees, shrubs, flower beds, mulch beds, graveled areas and curbs]
- [Controls weeds and unwanted vegetation around trees, shrubs and in flower beds]
- [Multipurpose grass & broadleaf weed control]
- [Use to prepare sites for planting fruit trees, ornamentals and vegetables]
- [For outdoor use only]
- [Use for lawn renovation] [Can re-seed lawns 7 days after treatment]
- [Can be applied with a tank sprayer or hose-end sprayer]
- [Can be applied with a BIG SHOT™ Multi-Purpose Sprayer or other tank sprayer, such as ORTHO® DIAL 'n SPRAY®, ORTHO SPRAY-ETTE® or Hose-end applicator] [or other optional spray equipment]
- [No Soil Activity] [Does not move in or on soil] [Not active in the soil]
- [More concentrated -- Makes 4 Gallons of Spray] [4 gallons per quart]
- [Concentrated Consumer Value] [More concentrated for extra value]
- [Value pack][Concentrate]
- [Visible results in 3 days] [Complete kill down to the root in 2 to 4 weeks]
- [Kills down to the root] [Kills the root so the weeds don't come back]
- [Use for lawn renovation]
- [Lawns can be re-seeded 7 days after treatment]
- [Kills common broadleaf weeds & grasses.]
- [Treats over 1300 sq ft]
- [Measuring cap and easy pour spout] [Easy to measure and pour]
- [Easy measure and pour]
- [Easy & accurate measuring cap]
- [Easy pour spout]

NOTIFICATION

APR 12 2002

For Use in the Home Lawn and Garden Only

ACTIVE INGREDIENT :

*Glyphosate, (N-(phosphonomethyl) glycine), in the form of its isopropylamine salt.....	7.5%
OTHER INGREDIENTS	92.5%
TOTAL	100.0%

*Acid equivalent or Glyphosate content = 5.55%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

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:
32 fl oz (1 qt)(946 mL)**

EPA Reg. No. 67760-54

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
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

- IF ON SKIN:**
 - Take off contaminated clothing. Rinse skin with plenty of water for 15–20 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 – 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.

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

[Glyphos Concentrate 7.5% Weed and Grass Killer eliminates nearly all common weeds and grasses.] [Illustrations]

This product can be used in driveways, brick and gravel walkways, curbs, along fences and foundations, near trees and shrubs, in flower beds, mulch beds, vegetable gardens, gravel, and other similar areas of the yard to get rid of undesirable vegetation.] [Edging around lawns] [For lawn replacement/renovation] [For garden plot preparation] [Do not use on or around edible feed or food crops.]

[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 **Glyphos** 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.xxxx.xxx.]

WEEDS AND GRASSES CONTROLLED

[Annual weeds and grasses:

Annual ryegrass, annual bluegrass, barnyardgrass, beggarweed, black medic, blue medic, blue toadflax, brassbuttons, blue mustard, bromegrass, 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 most 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, bull thistle, Canada

thistle, cattail, ceanothus, centipedegrass, cherry, cocklebur, cogongrass, common mullein, common ragweed, coralbead, coyote brush, creeping bentgrass, creeping Charlie, creeping lanтана, 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, lanтана, maiden cane, milkwed, 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 bromegrass, sourdock, sowthistle, St. Augustinegrass, sumac, tall fescue, tansy ragwort, thistle, Timothy, torpedograss, trumpetcreeper, 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 may types of weeds and grasses and brush].

*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 entire label. Use only in accordance with label directions 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 to actively growing weeds when the vegetation is green. Use when the wind is calm to avoid drift. Make applications on warm sunny days when the daytime temperature is above 60°F. Weed control is accelerated by warm sunny weather. Reapply if it rains within 24 hours of application. Hard-to-control weeds and thick lawn grasses (like Bermudagrass) may require a second application.

[How to use] [How to apply]:

This product is formulated for "spot" treatment of individual weeds and grasses or for treatment of large areas as instructed on this label (see specific site areas below). Apply with a plastic, aluminum or stainless steel tank-type sprayer. **Do not use or store in galvanized or unlined steel sprayer, or through any irrigation system or sprinkling can.** Use a tank-type sprayer with a coarse spray nozzle for spot treatments. Use the ORTHO Dial 'n Spray or other hose-end sprayer to treat large areas such as for lawn renovation or to prepare sites for planting flower beds or vegetable gardens. One quart will treat over 1300 sq ft. Treated weeds begin to wilt in about 3 days with complete kill of the weed including the root in 2 to 4 weeks. **Glyphos** does not move or build up in the soil to effect untreated plants growing nearby. Ornamental plantings can be made 3 days after treatment. Vegetable gardens can be seeded or planted 3 days after treatment. For lawn replacement, lawns may be replanted 1 week after spraying. Determine the correct amount of Glyphos and water to add to sprayer from the directions below.

Mixing Directions

APPLICATOR	MIXING DIRECTIONS	TREATMENT AREA
Standard Tank Sprayer	Add 1 cup (8 fl oz) of Glyphos Concentrate 7.5% to 1 gallon of water	250 sq ft

ORTHO plant & weed Spray-Ette Hose-End Sprayer	Add 2 cups (1 pint) of Glyfos 7.5% Concentrate to sprayer jar. Do not add water to sprayer jar.	500 sq ft
ORTHO Dial 'n Spray Hose-End Sprayer	Add 2 cups (1 pint) of Glyfos 7.5% Concentrate to sprayer jar. Set sprayer dial on 8 oz. Do not add water to sprayer jar.	500 sq ft

[The following Directions apply if container has a measuring cap:]

MEASURING CAP: To open: squeeze cap sides and unscrew. Fill cap to appropriate level for accurate measuring. See table below for measuring instructions. Close cap tightly after use - no need to rinse.

Level 1 = 1 teaspoon (tsp)

Level 2 = 1 tablespoon (tbs) = 3 tsp

Level 3 = 1 fl oz (2 Tbs)

Level 4 = 2 fl oz (4 Tbs)

Level n = n fl oz*

*[*Note to reviewer: The measuring cap may have more than 4 levels or at different intervals than noted above. If necessary, additional levels will be mentioned with appropriate conversions]*

APPLICATOR	MIXING INSTRUCTIONS		AREA TO TREAT
	General Weed Control Annuals	Tough Weed Control Perennials or Brush or Lawn Renovation	
ORTHO BIG SHOT or Standard Tank Sprayer	Fill cap to level 4 three times (6 oz) [or equivalent depending on cap size]. Add to 1 gallon of water.	Fill cap to level 4 four times (8 oz) [or equivalent depending on cap size]. Add to 1 gallon of water	250 sq ft (25 ft x 10 ft)
ORTHO Dial 'n Spray Hose-End sprayer	Fill cap to level 4 five times (10 oz) [or equivalent depending on cap size] and add to sprayer jar. DO NOT ADD WATER. Set dial to 5 1/3 oz. and apply.	Fill cap to level 4 eight times (16 oz) [or equivalent depending on cap size] and add to sprayer jar. DO NOT ADD WATER. Set dial to 8 oz. and apply.	500 sq ft. (25 ft x 20 ft)
ORTHO Plant & Weed Spray-Ette Hose-end Sprayer	Fill cap to level 4 six times (12 oz) [or equivalent depending on cap size] and add to sprayer jar.	Fill cap to level 4 eight times (16 oz) [or equivalent depending on cap size] and add to sprayer jar.	500 sq ft (25 ft x 20 ft)

Spray until weed foliage is thoroughly wet just to the point of runoff. Thoroughly rinse all application equipment when finished spraying. Spray washwater on bare soil or gravel. People and pets can reenter treated areas when spray has dried.

[Where to apply] [Application sites]

General weed control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, and ornamental plantings and flower beds, around buildings, and in brick and gravel walkways. Can be used to trim and edge landscape areas. Do NOT use for spot weed control in lawns as this product kills all green plants contacted, including desirable lawn grass. If replacing a lawn or parts of a lawn, see **Lawn Renovation [Replacement]** recommendations on this label.

Spot treatments: Spray directly on actively growing weeds in and around flower beds, ornamental trees, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways. Do not spray vegetables, fruit and nut trees or grapevines directly.

Landscape use: Use as a site-preparation before planting ornamentals, trees, shrubs, desert-scapes, rock gardens, flower beds or similar plantings.

Ornamental plantings: Use around ornamental plantings, trees and shrubs to get rid of unwanted weeds. Avoid spray contact with bark or exposed roots of desirable plants as injury may result. Ornamentals and flowers may be re-seeded or replanted the next day.

[Lawn renovation/replacement: Use to change grass species, or eliminate a weed infested lawn before replanting or putting down sod. For best results, apply in the spring or fall when grass and weeds are actively growing. Skip at least one mowing before treatment. Wait 7 days after spraying to till, level and re-seed or install new sod.]

(OR)

Lawn Renovation/replacement:

Use **Glyphos** to remove the existing lawn and kill weeds and grasses.

For best results, apply in spring or fall, when daytime temperatures are at least 60° F.

If the lawn is dry, water lawn before applying Glyphos and 2 to 3 days after application.

Do not mow for 7 days before or after treatment.

After 7 days, prepare the soil for planting by raking or rototilling the lawn.

Rake up and remove loosened thatch or debris.

Mix in starter fertilizer and soil amendments, if needed. Level the soil.

Apply seed according to directions on seed package, or install sod. Grass seed must have good contact with soil to germinate and grow.

Keep area moist for 2 weeks, to establish new lawn, then water as needed.

Vegetables, small fruits and berries: For use in eliminating unwanted weeds or to prepare the site for planting. Do not spray vegetables, small fruits and berries directly. The following vegetables, small fruits and berries may be planted (by seed, rooted cuttings or transplants) 7 days after spraying:

- **Vegetables:** Jerusalem artichoke, asparagus, beans, beet greens, broccoli, Brussels sprouts, cabbage, cantaloupe, carrot, cauliflower, casaba melon, celery, chard (Swiss), chicory, collards, corn, Crenshaw melon, cucumber, eggplant, endive, garlic, gourds, ground cherry, honeydew melon, honey ball melon, horseradish, kale, kohlrabi, leek, lentils, lettuce, mango, melon, melons, muskmelon, mustard greens, okra, onion, rape greens, parsley, parsnips, peas, pepper, Persian melon, potato (Irish, sweet), pumpkin, radish, rhubarb, rutabaga, spinach, squash (summer, winter), tomatillo, tomato*, turnip, watercress, watermelon, and yams. For unlisted vegetables wait 30 days after spraying to plant.

*Tomatoes planted from seed only. Wait 30 days for rooted transplants.

- Small fruits and berries: blackberry, blueberry, boysenberry, cranberry, currant, dewberry, elderberry, gooseberry, huckleberry, loganberry, olallieberry, raspberry (black & red), and strawberry. For all other small fruits and berries not on the list, wait 30 days before planting.

(OR)

- Vegetables: Wait 3 days after spraying and before seeding for Jerusalem artichoke, beans, beet greens, broccoli, Brussels sprouts, cabbage, cantaloupe, carrot, cauliflower, casaba melon, celery, chard (Swiss), chicory, collards, corn, Crenshaw melon, cucumber, eggplant, endive, garlic, honeydew melon, honey ball melon, horseradish, kale, kohlrabi, leek, lentils, lettuce, mango, melon, melons, muskmelon, mustard greens, okra, onion, rape greens, parsley, parsnips, peas, pepper, Persian melon, potato (Irish, sweet), pumpkin, radish, rhubarb, rutabaga, spinach, squash (summer, winter), sweet potato, tomatillo, tomato*, turnip, watercress, watermelon, winter squash and yams.

* Tomatoes planted from seed only. Wait 30 days for rooted transplants. For tomato transplants or unlisted vegetables, wait 30 days after spraying.

- Small fruits and berries: The following listed crops may be planted (by seed, rooted cutting, or transplant) 7 days after spraying **Glyfos**: blackberry, black raspberry, blueberry, boysenberry, currant, dewberry, elderberry, gooseberry, huckleberry, loganberry, olallieberry, red raspberry and strawberry. For all other small fruits and berries not listed, wait 30 days before planting.

STORAGE AND DISPOSAL

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 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.

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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®ORTHO, Dial 'n Spray and Spary-Ette are registered trademarks of Monsanto Company