

67760-63

02/05/2003

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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:
67760-63

Date of Issuance:
FEB - 5 2003

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
Glyphos Concentrate 20%
Weed and Grass Killer

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Cheminova, Inc
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 and corrosion characteristics studies to the Agency when 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.
3. Add the phrase "EPA Registration No. 67760-63" before you release the product for shipment.
4. 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 this product constitutes acceptance of these conditions.

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

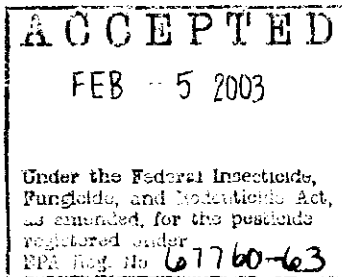
Signature of Approving Official:

Date:

2-5-03

Glyfos Concentrate 20% Weed & Grass Killer

[See Appendix for consolidated list of marketing claims]



Active Ingredient:	
Glyphosate, isopropylamine salt.....	20.0%
Other Ingredients:	80.0%
Total.....	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION: See [Back] [Side] [Inside] Panel), [Bottom]; For additional Precautionary Statements, OR [Peel Open for Use Directions and Further Information]

NET CONTENTS: 32 FL.OZ (1 QT/946 ml)

[OPTIONAL PRODUCT FACT BOX I]

PRODUCT FACTS

Treats up to 3,000 sq. ft. [Quart] Makes up to 11 gallons]

KILLS WEEDS (weed icons)
ALL TYPES OF WEEDS AND GRASSES

WHERE TO USE

- On patios, walkways or driveways
- Around [fruits, vegetables, flowers], shrubs or trees
- Along fences
- In large areas [For lawn replacement]
[For garden replacement]

AMOUNT TO USE

For Best Results: 5.5 fl. oz. (11 Tbsp) per gallon of water
[General Weed Control (annuals): 2.75 fl.oz. (5.5 tbsp) per gallon of water]

Questions & Comments:

(icon telephone) (icon computer)
Call 1-800-xxx-xxxx or visit our website www.xyz.com

[OPTIONAL PRODUCT FACT BOX II]

PRODUCT FACTS

WHAT IT DOES: Kills all types of weeds and grasses [down to the root]

WHERE TO USE: Outdoors [icon]: On patios, walkways, driveways, [around fruits, vegetables], flowers, shrubs and [or] trees; along fences in large areas for lawn replacement or [garden plot preparation]

WHEN TO USE: For best results, apply during warm, sunny weather (above 60° F)

Questions & Comments:

(icon telephone) (icon computer)
Call 1-800-xxx-xxxx or visit our website www.xyz.com

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OPTIONAL MARKETING LANGUAGE

[Glyphos Concentrate 20% Weed & Grass Killer eliminates all common weeds, grasses and unwanted vegetation.] [Illustrations] [This product can be used [For edging around lawns] [For lawn replacement/renovation] [For garden plot preparation] in driveways, brick and gravel walkways, curbs, along fences and foundations, near trees and shrubs, in flower beds, mulch beds, vegetable gardens, fruit trees, gravel, and other similar areas of the yard to get rid of undesirable vegetation.] [Do not use on or around edible feed or food crops.] [Glyphos Concentrate 20% Weed & Grass Killer can also be used for big jobs such as lawn renovation, vegetable and flower garden preparation.]

[HOW IT WORKS] [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 Concentrate 20% Weed & Grass Killer (product) 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.]

CONTROLS ALL WEEDS AND GRASSES INCLUDING:

[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).]



[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, horsetail, horseradish, iceplant, Johnsongrass,

Kentucky bluegrass, kikuyugrass, knapweed, knawel, kudzu, lantana, maiden cane, milkweed, mouseear chickweed*, multiflora 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, 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 weeds/plants] [as listed]]. *Annual or Perennial

STOP. Read and follow label instructions

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.



People and pets should not be allowed in treated areas until spray has dried.

[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 apply with galvanized or unlined steel sprayer, or through any irrigation system or sprinkling can.**

MIXING INSTRUCTIONS

1 tablespoon (tbs) equals 3 teaspoons (tsp)
 1 fl. oz. equals 2 tablespoons (tbs)

MIXING INSTRUCTIONS

TANK SPRAYER (plastic, aluminum or stainless steel)

- Add 5.5 fl. oz. (11 tbs) to 1 gal of water
- Spot treat or spray evenly over 300 sq. ft.

DIAL TYPE HOSE-END SPRAYER

- Set sprayer to the "fl. oz/gallon" level specified in the directions
- Use only enough product for the area to be treated.
- Close sprayer, attach to hose and apply.

CONCENTRATE PLUS WATER TYPE SPRAYER

- Determine the amount of concentrate required
- Pour concentrate into sprayer jar to the required "fl. oz." level
- Add the required amount of water to the "gals" level.
- Replace sprayer top on jar and apply

AMOUNT TO USE: 5.5 fl. oz. (11 tbs) treats 300 sq. ft.

[OPTIONAL ALTERNATE MIXING INSTRUCTIONS]

[Three Easy Steps to Mix and Apply

Step #1: For lawns and vegetables, measure the area to be sprayed. Calculate square feet by multiplying length by width. For all other applications, apply as a thorough cover spray.

Step #2: Use a clean sprayer. Carefully measure and mix the amount of Glyphos Concentrate 20% Weed & Grass Killer (product) and water as directed. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

Step #3: Spray as directed. Thorough coverage is important. Flush sprayer with clean water after each use. Make applications when insects first appear.]

[Amount to use]: [For best results use 5.5 fl oz (11 Tbs) per gallon of water.]
 [For easy to kill weeds such as seedlings add 2.75 fl oz (5.5 Tbs) to one gallon of water]

[HOW TO APPLY]

- Completely [wet] [cover] the foliage [leaves] of the target vegetation [plant]. Do not over spray.
- A single application controls most [listed] weeds.
- Most treated weeds usually show initial symptoms in 2-4 days and complete kill in 1-2 weeks.
- Protect desirable plants [including fruit and vegetables], with a piece of plastic or cardboard.
- If desirable plants are accidentally sprayed, wash plants with water immediately.
- Ornamental flowers, trees and shrubs may be planted **1 day after** application to weeds in planting bed.
- Do not mow, cut or otherwise disturb treated [vegetation] [weeds] or [plants] for at least 7 days following application.

[WHEN TO APPLY] [USE TIPS]

- For best results apply during warm, sunny weather (above 60° F) when weeds are actively growing and no rain is forecast for 24 hours. Rainfall or watering 2 hours after application will not wash away effectiveness.
- To avoid drift to desirable plants, apply when the air is calm.

WHEN TO REPLANT

- All ornamental flowers, trees and shrubs [and the following berries, fruits, vegetables and herbs] may be planted **1 day after** application.
- [Artichoke (Jerusalem), beans (all), beet greens, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, cranberry, currant, dewberry, elderberry, endive, gooseberry, horseradish, huckleberry, kale, kohlrabi, leek, lentils, lettuce, loganberry, mustard greens, okra, olallieberry, onion, parsley, parsnips, potato radish, rape greens, raspberry (black and red), 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 **7 days after** application.

Tomatoes from transplant and unlisted fruits, vegetables and herbs may be planted **30 days after** application.

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[WHERE TO USE] [USE SITES] [USE SITUATIONS]:

GENERAL WEED CONTROL: Use along [near] fences, paths, patios, sidewalks, curbs and driveways, around ornamental trees, shrubs, flower beds and plantings, around buildings. Use for trimming and edging landscapes. **Do NOT use for spot weed treatment in lawns, since Glyphos Concentrate 20% Weed & Grass Killer kills all green plants, including lawn grasses.**

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. **If Glyphos Concentrate 20% Weed & Grass Killer is used to control weeds around fruit or nut trees or grapevines, allow 21 days before eating the fruit or nuts.** Do not spray fruit and nut trees or grapevines directly.

LANDSCAPES: For use in preparing areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flower beds or similar plantings. Treated areas can be replanted 1 day after treatment.

WILDLIFE AREAS SITE PREPARATION: Use Glyphos Concentrate 20% Weed & Grass Killer to prepare areas for planting wildlife food plots. Exotic or undesirable plants can be controlled with Glyphos Concentrate 20% Weed & Grass Killer to allow for planting or recovery of native plant species. Spot treatments may be directed to selectively remove unwanted plants. **Avoid spray drift to desirable plants. [Be careful to keep spray off desirable plants].**

FOR LAWN RENOVATION/REPLACEMENT:

- Use 5.5 fl. oz. (11 Tbs) per gallon of water for each 300 sq. ft. of area to be treated.
- Use this product to remove [kill] the old lawn and existing weeds and grasses.
- For best results, apply in spring or fall, when daytime temperatures are at least 60° F.
- If the lawn is dry [Under dry conditions], water lawn every other day for a week before applying Glyphos Concentrate 20% Weed & Grass Killer.
- Do not mow for 7 days before or after treatment.
- After 7 days, prepare the soil for planting by raking or roto-tilling the lawn. **[Wait 7 days after last application to rake, till or replant with seed or sod]**
- 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.

FOR BRUSH CONTROL: Apply to green and actively growing brush. For plants taller than 5 feet, cut them back and spray the regrowth. Fall applications to brush may delay control to the following season. A second application may be required on hard-to-control species such as blackberry, kudzu, or poison oak.

FOR STUMP TREATMENT: Stumps can be treated to prevent regrowth. For best results, treat when the vegetation is actively growing or immediately (within 5 minutes) after being cut down.

- Cut the stump close to the soil surface.
- Make 4-5 nail holes in the stump.
- Flood the stump with undiluted product. [Pour undiluted product into holes.]

This procedure will control or suppress many types of woody brush and trees, such as alder, bluegum eucalyptus, madrone, oak, giant reed, saltcedar, sweetgum, and tan oak.

TO KILL VINES:

- If vine is growing up a pole, fence or mature tree trunk [tree trunks with mature bark], cut vine to a height of 3 to 4 feet and spray to thoroughly cover remaining vine.
- If vine is climbing a shrub or immature (green) tree trunk [tree trunks with green bark], to avoid damage to these plants, cut vine at base and spray its regrowth. Shield shrub and green trunk [bark] from spray drift with a sheet of plastic or cardboard.

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.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through 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.

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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 in container or label with you when calling a Poison Control Center, doctor, or going for treatment.

ENVIRONMENTAL HAZARDS

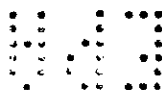
Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

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

[*If you are not satisfied with this product for any reason, send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.]

[Questions? Comments call toll-free 1-800-xxx-xxxx or visit our website www.xyz.com]

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



CHEMSICO CONCENTRATE HERBICIDE G I MARKETING CLAIMS

No Measuring • Fast Acting [Formula] • New [Formula] • Contains Glyphosate • [New] Glyphosate Formula • Now with Glyphosate • [New] [Formula] enters the plant within one to two hours [won't wash off] • Water-based • Kills the Root • Kills the Root So Weeds Won't Grow Back • Kills Weeds and Unwanted Grasses, Roots and All • No Root, No Weeds, [Guaranteed] • Eliminates Roots & Weeds, [Guaranteed] • Eliminates Weeds, [Guaranteed] • Can be Used Over the Root Zones of Trees, Shrubs or Desirable Plants • Fast & [and] complete • Fast Results • Faster than ever • Starts to Kill Overnight • Starts to Kill [in] the Same Day • Starts to Kill in Hours • Begins working in hours, New Formula • Kills the Entire Plant • Rainproof in 2 hours • Rainproof in 2 Hours for Control That Won't Wash Away • Rainfast in Hours – Starts to enter the Plant on Contact • Rainfast in 2 hours for control that doesn't wash away [won't wash away] • Starts Working in Hours • Starts [working overnight] [to kill overnight] • See results in hours • Controls Hardy Weeds • No Soil Activity, Must be Applied to Foliage • No residual activity in soil • Does not have soil activity • Breaks down into natural materials • For use [Ideal] [Can be Used] [Use in and around] [in] [on] [for] [along] [vegetable gardens] [around small fruits and vegetables] [flower beds] [and] [vegetable gardens] [vegetable garden weed control] [as listed] • Ideal for vegetable garden weed control • No mixing (necessary) • Quick Visible Results • Results that show • Speedy Results • Starts working in hours • Works First Time, Every time, kills the weed you see and the root you don't • Kills over 175 types of weeds [as listed] • Kills over 175 varieties of broadleaf and grassy weeds [as listed] • Eliminates [kills] all common weeds and grasses • Kills Weeds and Unwanted Grasses • Systemic Weed and Grass Killer for [Spot] Treatment of Unwanted Weeds and Grasses • For Use [Use] [Ideal] [Can be Used] [Use in and around] [in] [on] [for] [along] [around] [fences], [driveways], [walkways], [shrubs], [trees] [ornamentals] [Walks] [Mulch Beds] [Gravel] [and] [Driveways] [Curbs] • [Spot] Treatment for Lawn Replanting • No soil activity • Satisfaction guaranteed or your money back [with proof of purchase] • Now Stronger! • Dead Weeds Guaranteed • Overnight results • *Guaranteed Results or your money back]

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