

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

8340-47

29 JUN 1993

PM23
8340 47
1076

NOTICE OF PESTICIDE: REGISTRATION

REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

TERM OF ISSUANCE

Unconditional

NAME OF PESTICIDE PRODUCT

SHIELD GRASS AND WEED KILLER
READY-TO-USE

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Hoechst Celanese Corporation
Route 202-206
P.O. Box 2500
Somerville, NJ 08876-1258

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 registered in accordance with FIFRA sec. 3(c)(5).

1. Please make the following label change. Add the phrase EPA Registration No. 8340-47 to your labeling.
2. Submit one (1) copy of your final printed labeling prior to releasing the product for shipment.

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

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (H7505C)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Joanne I. Miller

DATE

6/29/93

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Revised: May 7, 1993

SHIELD GRASS AND WEED KILLER READY-TO-USE

For Nonselective Weed Control of Emerged Weeds
in Residential Outdoor Locations

ACTIVE INGREDIENT:

glufosinate-ammonium: ammonium-DL-homoalanine-4-yl-
(methyl)phosphinate..... 1.0%*

INERT INGREDIENTS: 99.0%

TOTAL.... 100.0%

*Equivalent to 0.08 pound of active ingredient per gallon!

KEEP OUT OF REACH OF CHILDREN

CAUTION

ACCEPTED
with **COMMENTS**
in EPA Letter Dated
20 JUN 1993

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

EPA Reg. No. 8340-

EPA Est. No. 8340-47

Net Contents: [Various Sizes]

HOECHST CELANESE CORPORATION
Route 202-206
P.O. Box 2500
Somerville, NJ 08876-1258



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PRECAUTIONARY STATEMENTS

CAUTION ✓

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation occurs. ✓

IF INHALED: Remove individual to fresh air. Get medical attention if breathing difficulty develops.

For medical or environmental emergency,
call 1-800-228-5635, Ext. 132.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources or arable land.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PRODUCT STORAGE: Use and store this product in its original container. Do not put product into food or drink containers. Store product in a secure storage area.

PRODUCT DISPOSAL: Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash. In case of spill or leak, soak up with paper towels and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty bottle. Rinse thoroughly and wrap in several layers of newspaper before discarding in trash.

IMPORTANT NOTICE: DISCLAIMER

Read "IMPORTANT NOTICE: DISCLAIMER" before buying or using. If terms are not acceptable, return at once unopened. HOECHST CELANESE CORPORATION warrants only that the product conforms to the chemical description on the label and is reasonably fit for the purpose stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions or under abnormal conditions, or under conditions not reasonably foreseeable to HOECHST CELANESE CORPORATION, and user assumes the risk of any such use. HOECHST CELANESE CORPORATION MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR OF MERCHANTABILITY. In no case shall HOECHST CELANESE CORPORATION be liable for consequential, special, indirect or incidental damages resulting from the use or handling of this product. The foregoing conditions of sale and warranty can be varied only by an agreement in writing signed by a duly authorized representative of HOECHST CELANESE CORPORATION.

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- No mixing is necessary
- Fast acting; kills most weeds in 1 to 4 days
- Contains a naturally occurring compound
- Does not have herbicidal soil activity and will not harm roots of ornamentals
- Glufosinate occurs naturally in the soil

DIRECTIONS FOR USE

) It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product, and use only according to label instructions.

Shield Grass and Weed Killer is formulated for home use only for "spot" treatments, to kill weeds around trees, shrubs, fences, walks, patios, driveways, in flower beds, and to spot kill weeds in lawns. Shield Grass and Weed Killer is a nonselective herbicide that will injure or kill all vegetation contacted. Shield Grass and Weed Killer will control the weeds listed on the label plus many other grass and broadleaf weeds. Shield Grass and Weed Killer is an organic compound that has no soil herbicidal activity. Shield Grass and Weed Killer decomposes rapidly in the soil and will not interfere with seed germination or root growth of desirable plants. To avoid spray drift onto desirable plants, do not spray during windy conditions.

) **HOW TO APPLY**

Adjust nozzle to a coarse spray setting. Hold spray tip 1 to 2 feet away from the weed and apply to thoroughly wet the weed, but avoid spray run-off. If spray contacts desirable plant foliage, immediately rinse the foliage with water.

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WEEDS CONTROLLED

Broadleaf Weeds

annual sowthistle
 bindweed
 buffalobur
 Canada thistle
 chickweed
 clover
 common cocklebur
 curly dock
 dandelion
 dogbane (hemp)
 field gromwell
 filaree
 fleabane
 goldenrod
 horsetail
 jimsonweed
 kochia
 lambsquarters
 leafy spurge
 London rocket
 malva (little mallow)
 maretail
 musk thistle
 nettle
 nightshade
 pennycress
 pigweed, red root
 plantain
 prickly lettuce
 purslane
 ragweed
 Russian thistle
 shepherdspurse
 smartweed
 tansy mustard
 velvetleaf
 vervain
 Virginia copperleaf
 white heath aster
 wild buckwheat
 wild mustard
 wild onion
 wild rose
 wild turnip
 woodsorrel
 yellow rocket

Grasses and Sedges

annual bluegrass
 bahiagrass
 barley
 barnyardgrass
 Bermudagrass
 carpetgrass
 crabgrass
 cupgrass
 dallisgrass
 downy brome
 fall panicum
 fescue
 giant foxtail
 goosegrass
 green foxtail
 guineagrass
 johnsongrass (rhizome)
 Kentucky bluegrass
 lovegrass
 nutsedge
 paragrass
 quackgrass
 ryegrass
 sandbur
 shattercane
 smooth brome
 stinkgrass
 torpedograss
 vaseygrass
 wheat
 wild oat
 windgrass
 yellow foxtail

Woody Species

European
 blackberry
 pines
 poison ivy
 poison oak
 roundleaf
 greenbriar