US ENVIRONMENTAL PROTECTION AGENCY 8340-48 29 JUN 1993		EPA REGISTRATION NO.	DATE OF ISSUANCE	na
REGISTRATION DOWSON/ES-267 WASHINGTON DE Code60 NOTICE OF PESTICIDE: Registration (Under the Federal Insecticide, Englistration) (Under the Federal Insecticide, Englistration Route 202-206 P.O. Box 2500 Somerville, NJ 08878-1258 L 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 reductatively refer to the above U.S. EPA registration number. 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 prior to use of the label in commerce. In any correspondence on this reductatively refer to the above U.S. EPA registration on number. A copy of the labeling accepted in connection with this Registration is returned herewith. A copy of the labeling accepted in connection with this Registration (Reregistration is returned herewith). A copy of the labeling accepted in connection with this Registration is returned herewith. A copy of the labeling accepted in connection with this Registration of a protect enable and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a protect reside in a connection with the registration of a protect reside in a connection with the registration of a protect reside in a connection with the registration of a protect reside in a connection with the registration of a protect reside in a connection with the registration of a protect reside in accordance with the Act. The acceptance of any men in connection with the registration of a protect reside in a connection with the registration of a protect reside in a connection with the registration of a protect residence in a connection with the regist	OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460			PM
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IGNATURE OF APPROVING OFFICIAL JOAnna J. M. Der 6/39/93	IGNATURE OF APPROVING OFFICIAL	712 710	DATE	

Revised: May 7, 1993

ARISE GRASS AND WEED KILLER CONCENTRATE

For Nonselective Weed Control of Emerged Weeds in Residential Outdoor Locations

ACTIVE INGREDIENT:

glufosinate-ammonium: ammonium-DL-homoalanine-4-yl- (methyl)phosphinate..... 5.78**

INERT INGREDIENTS: 94.22%

TOTAL.... 100.00%

*Equivalent to 0.50 pound of active ingredient per de tous en EPA Letter Dates

KEEP OUT OF REACH OF CHILDREN

29 JUN 1993

Under the Federal Insecticide, Pengicide, and Restenticide Act to mended, for the pesticide representational representation of the pesticide representation of

CAUTION

EPA Reg. No. 8340-

EPA Est. No.

Net Contents: [Various Sizes]

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

Hoechst 2

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PRECAUTIONARY STATEMENTS

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1

or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting in or give anything by mouth to an

unconscious person.

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.

11357

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 concentrate or diluted 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.

53/7

- 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.

Arise Grass and Weed Killer is formulated for home use only for killing weeds around trees, shrubs, fences, walks, patios, driveways, sidewalks, in flower beds, and to spot kill weeds in lawns. Arise Grass and Weed Killer is a nonselective herbicide that will injure or kill all vegetation contacted. Arise Grass and Weed Killer will control the weeds listed on the label plus many other grass and broadleaf weeds. Arise Grass and Weed Killer is an organic compound that has no soil herbicidal activity. Arise 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 MIX, APPLY AND CLEANUP

Mix 3 to 8 fluid ounces of Arise Grass and Weed Killer per gallon of water and treat up to 1000 square feet. Apply Arise Grass and Weed Killer as a coarse spray with a pump-up or other type of handheld sprayer. Thorough spray coverage of undesirable vegetation is necessary, but avoid spray run-off. If spray contacts desirable plant foliage, immediately rinse the foliage with water.

To cleanup after application, triple rinse the spray tank and flush all sprayer components with water to remove residues of this product. After thorough cleaning, equipment may be used to apply other products.

SPOT TURF RENOVATION

Best results are obtained when at least one mowing is skipped prior to treatment. This allows the spray to contact more leaf surface area. Thorough coverage of all existing vegetation is necessary. Because Arise Grass and Weed Killer has no soil herbicidal activity and is naturally decomposed by soil organisms, reseeding or sodding can occur 4 days after the application. This allows for complete weed kill.

ORNAMENTALS

Apply Arise Grass and Weed Killer to control undesirable plants growing around ornamentals, trees, and shrubs. Avoid spray contact with foliage of desirable plants. Arise Grass and Weed Killer degrades rapidly in the soil into naturally occurring compounds, and any adapted ornamental variety may be planted in the treated area, once the weeds are dead.

TRIMMING AND EDGING

Apply Arise Grass and Weed Killer to trim and edge around trees, shrubs, landscape beds, sidewalks, driveways, and sprinkler heads. A straight trimming edge can be obtained on all turf species.

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) marestail 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

<u>Grasses and Sedges</u>

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

windgrass

yellow foxtail

Woody Species

European blackberry pines poison ivy poison oak roundleaf greenbriar

f:\group\regaci\vad0104.931 May 7, 1993

yellow rocket

Edition No.: 10

Date: