

PM 25

19713-274

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Please read instructions on reverse before completing form.

NOTIFICATION

Form Approved, OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
222377

Application for Pesticide - Section I

1. Company/Product Number 19713-274	2. EPA Product Manager Robert Taylor	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Drexel Diuron 80 Herbicide	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Drexel Chemical Company 1700 Channel Ave P.O. Box 13327 Memphis, Tn 38113-0327 <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

<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.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Correcting Warranty Statement

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	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Direction <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 Barbara	Title Registration Specialist	Telephone No. (Include Area Code) 901/774-4370
2. Signature <i>Barbara Brown</i>		6. Date Application Received (Stamp)
3. Title Registration Specialist		
4. Typed Name Barbara Brown		5. Date 8/29/95

ACTIVE INGREDIENT:	
2,4-D (3,4-Dichlorophenyl)-1,1-dimethyl-ethyl ester	80.0%
INERT INGREDIENTS	20.0%
TOTAL	100.0%

EPA Reg. No. 15713-274-241
EPA Est. No. 2470-MS-01

KEEP OUT OF REACH OF CHILDREN CAUTION!

READ ENTIRE LABEL BEFORE USING THIS PRODUCT

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 to 2 glasses of water and induce vomiting by reaching back of throat and finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

IF ON SKIN: Wash skin with soap and plenty of water. If irritation persists, see a physician.

In case of emergency endangering life or property involving this product, call collect, day or night, Area Code 201-835-3100.

See back of bag for Additional Precautionary Statements and Directions For Use

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION!

See label for information. Do not get in eyes, on skin, or on clothing. Avoid contact with food and animals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear protective clothing to avoid contact with the product. Wear eye protection to avoid contact with the product. Wash hands thoroughly with soap and water after handling the product.

USER SAFETY RECOMMENDATIONS

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated.

IMPORTANT

Injury to or loss of desirable trees or other plants may result from failure to observe the following:

Do not apply (except as recommended), or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend, or in locations where the chemical may be washed or moved into contact with their roots. Do not use on home plantings of trees, shrubs or herbaceous plants, nor on lawns, walks, driveways, tennis courts, or similar areas. Prevent drift of dry powder or spray to desirable plants. Do not contaminate any body of water. Keep from contact with fertilizers, insecticides, fungicides, and seeds.

Thoroughly clean all traces of HERBICIDE I from application equipment immediately after use. Flush tank, pump, hoses, and boom with several changes of water after removing nozzle tips and screens (clean these parts separately).

GENERAL INFORMATION

HERBICIDE I is a wettable powder to be mixed in water and applied as a spray for nonselective weed control on noncropland areas. It is noncorrosive to equipment, nonflammable and nonvolatile.

HERBICIDE I may be applied to soil prior to emergence of weeds to control susceptible weed seedlings for an extended period of time; the degree of control and duration of effect will vary with the amount of chemical applied, soil texture, rainfall and other conditions. Soils high in clay or organic matter require higher dosages than soils low in clay or organic matter to obtain equivalent herbicide performance. Moisture is required to activate the chemical; best results occur if rainfall (or sprinkler irrigation) occurs within 2 weeks of application.

HERBICIDE I applied preemergence, before emergence of weeds, is an effective procedure because susceptible weeds are controlled in an early, vulnerable seedling state. With favorable moisture conditions, HERBICIDE I continues to control weeds for some time. Should weed seedlings begin to break through the preemergence treatment in significant numbers, secondary weed control procedures should be implemented; these include postemergence herbicide application.

HERBICIDE I may also be used to control emerged weeds. Results vary with rate applied and environmental conditions; best results are obtained on succulent weeds growing under conditions of high humidity and temperatures of 70°F or higher. Addition of a surfactant such as Drexol Surf Ac 820 to the spray (where recommended) increases contact efficacy of HERBICIDE I.

Weed species vary in susceptibility to HERBICIDE I and they may be more difficult to control when under stress. Combinations of HERBICIDE I with other herbicides (as registered) increase the number of species controlled. Consult labels of the companion product for this and other information.

Since the effect of HERBICIDE I varies with soils, uniformity of application and environmental conditions, it is suggested that growers consult their state agricultural agents. Observe all cautions and limitations on labeling of all products used in mixtures.



American Cyanamid Company
Agricultural Division
300 Park Avenue, New York, N.Y. 10022

BEST AVAILABLE COPY

Net Contents: 11.25 lbs.

DIRECTIONS FOR USE

In violation of Federal law to sell this product, a transfer inconsistent with labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or indirectly. Only protected persons may be in the area during application.

For state requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about Personal Protective Equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water:

- Coveralls
- Waterproof gloves
- Shoes plus socks

HERBICIDE I should be used only in accordance with recommendations on the label, or in Special Publications American Cyanamid recommendations.

PREEMERGENCE USE (Germinating Weeds): HERBICIDE I, at recommended rates, controls annual weeds such as:

BROADLEAVES

1/4 to 1 lb./Acre	1 1/2 to 2 lbs./Acre	2 to 6 lbs./Acre
<ul style="list-style-type: none"> • Lonicera • Pigweed • Purslane • Ragweed 	<ul style="list-style-type: none"> • Annual groundcherry • Annual nightgown • Chickweed • Corn spurry • Dogfennel • Fieldneck (amaranth) • Groundsel • Knotweed • Penstemon • Shepherdspurse • Tansy • Wild buckwheat • Wild lettuce • Wild mustard 	<ul style="list-style-type: none"> • Ageratum • Annual smartweed • Annual sowthistle • Corn sparrowweed • Dayflower • Florida paintbrush • Hawkweed • Horseweed • Kochia • Marigold • Mexican clover • Pinesapweed • Pokeweed • Rabbit tobacco • Spanishneedles • Velvetleaf (buttonweed) • Wild radish

GRASSES

1/4 to 1 lb./Acre	1 1/2 to 2 lbs./Acre	2 to 6 lbs./Acre
<ul style="list-style-type: none"> • Barnyardgrass • Watergrass • Crabgrass 	<ul style="list-style-type: none"> • Annual bluegrass • Annual ryegrass • Foxtail • Barnyardgrass • Wild rice 	<ul style="list-style-type: none"> • Annual lovegrass • Annual ryegrass • Kylin grass • Orchardgrass • Paspalum • Rye grass • Sand • Sealing (barnyard)

BROADLEAVES

1 lb./Acre	4 lbs./Acre
<ul style="list-style-type: none"> • Chickweed • Corn spurry • Dogfennel • Fieldneck (amaranth) • Groundsel • Knotweed • Penstemon • Shepherdspurse • Tansy • Wild buckwheat • Wild lettuce • Wild mustard 	<ul style="list-style-type: none"> • Horseweed

GRASSES

1 lb./Acre	4 to 10 lbs./Acre
<ul style="list-style-type: none"> • Barnyardgrass 	<ul style="list-style-type: none"> • Annual bluegrass • Annual ryegrass • Foxtail • Barnyardgrass • Wild rice

USE RATES: All dosages of HERBICIDE I are expressed as broadcast rate. Where a range of dosages is given, use the lower rate on coarse textured soils (low in clay or organic matter) and the higher rate on fine textured soils (high in clay or organic matter), for postemergence application, use the lower rate on smaller weeds and the higher rate on larger weeds.

NON-CROP WEED CONTROL

HERBICIDE I is an effective herbicide for the control of many annual and perennial grasses and herbaceous weeds on non-cropland areas where bare ground is desired. The degree of control and duration of effect will vary with the amount of chemical applied, soil texture, rainfall and other conditions.

HERBICIDE I may be used as a preemergence treatment at anytime of the year except when ground is frozen, provided adequate moisture is supplied by rainfall or artificial means to activate the herbicide. Best results are obtained if application is made to the soil shortly before weed growth begins. If dense growth is present, remove tops and spray the ground.

Increased contact activity on established weeds may be obtained by the addition of Surf Ac 820 at the rate 2 qts. per 100 gals. of spray mixture. Apply as a drenching spray to actively growing weeds during warm weather when daily temperatures will exceed 70° F.

Except for small areas, use a fixed-boom power sprayer properly calibrated to insure a constant rate of application. Mix proper amount of HERBICIDE I into 10 parts of water to obtain uniform coverage. If Surf Ac 820 is used, dilute with 20 parts of water and add as last ingredient to nearly full tank. Material must be kept in suspension at all times. Apply by mechanical or hydraulic means in the spray tank; if by-pass or return line is used, it should terminate at bottom of tank to minimize foaming. Openings in screens should be equal to or larger than 50 mesh.

General Weed Control: To control most weeds for an extended period of time on non-cropland such as utility, highway, pipeline and railroad right of ways, petroleum tank farms, lumberyards, storage areas, industrial plant sites, and around farm buildings - apply 5 to 20 lbs. per acre to control most annual weeds. Use 20 to 60 lbs. per acre for perennial weeds; additional treatment may be required where a longer period of control is desired or when hard-to-kill, deep-rooted perennial weeds such as johnsongrass are present. In low rainfall areas HERBICIDE I may not provide satisfactory control of deep rooted perennial weeds.

For weed control on small areas, use one-half cupful of HERBICIDE I per 100 sq. ft. for a dosage of approximately 50 lbs. per acre.

STORAGE AND DISPOSAL

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

STORAGE INSTRUCTIONS: Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. Do not stack over 2 pallets high. Move bags carefully so as not to tear or puncture. Do not have containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Do not allow bags to become wet or store in a damp, humid area. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled follow these steps:

1. Collect and place in suitable containers for disposal.
2. Wash area with soap and water to remove remaining pesticide.
3. Follow washing with clean water rinse.
4. Do not allow run-off to enter sewer or contaminate water supplies.
5. Dispose of waste as indicated below.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY - CONDITION OF SALE

The label instructions for the use of the product affect the condition of sale. The label instructions are based on field use and results. The directions are believed to be suitable and should be followed carefully. However, it is not possible to eliminate all risks inherently associated with use of this product. The fitness of the product for use on any particular site may be affected by such factors as weather conditions, presence of other plants, soil, or the use of application of the product contrary to label instructions, all of which are beyond the control of American Cyanamid Company. American Cyanamid Company warrants only that the material contained in the original containers is the chemical described on the label and is suitable for the use therein described when used in accordance with the label instructions for use, suitable to the use referred to above.

American Cyanamid Company warrants only that the material contained in the original containers is the chemical described on the label and is suitable for the use therein described when used in accordance with the label instructions for use, suitable to the use referred to above.

Any damage resulting from a breach of this warranty shall be limited to the replacement of the product and shall not include consequential or incidental damages, such as loss of profit or value of any other special or indirect damages.

American Cyanamid Company does not warrant or implied warranties, including other express or implied warranty of FITNESS or of MERCHANTABILITY.

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