

ACME  
AGRICULTURAL/  
INDUSTRIAL  
PRODUCTS

BARRIER (R) 50W

DICHLORBENIL HERBICIDE

A SELECTIVE PREEMERGENCE HERBICIDE  
FOR CONTROL OF CRABGRASS, FOXTAIL, DANDELION,  
HORSETAIL, PIGWEED, RAGWEED, and  
CERTAIN OTHER WEEDS.

ACTIVE INGREDIENT:

Dichlobenil .....	50%
INERT INGREDIENTS.....	50%
	TOTAL 100%

\* 2,6-dichlorobenzonitrile.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SUBSEQUENT PANELS FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

507/1288

EPA REG. NO. 2217-676  
EPA EST. NO.

Mfd by PBI/GORDON CORPORATION  
KANSAS CITY, KANSAS 66118

**ACCEPTED**

JAN 27 1989

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended for the pesticide  
registered under  
EPA Reg. No. 2217-676

**STOP! READ THE ENTIRE LABEL FIRST.  
OBSERVE ALL PRECAUTIONS AND  
FOLLOW DIRECTIONS CAREFULLY.**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals**  
**CAUTION:** Harmful if swallowed. Do not breathe dust.  
Do not allow contact with eyes or skin.

**Statement of Practical Treatment**  
**IF SWALLOWED:** Induce vomiting by drinking water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.  
**IF INHALED:** Remove victim to fresh air.  
**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.  
**IF ON SKIN:** Wash with plenty soap and water.

**Environmental Hazards**  
Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters.

**DIRECTIONS FOR USE**

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

**STORAGE & DISPOSAL**

**STORAGE:** Store in original bag in a locked storage area inaccessible to children or pets. Storage area should be cool and dry. Keep bag tightly closed. Reseal bag by rolling down top to product level and taping or clipping. Do not store near seeds, bulbs, or in greenhouses.

**PESTICIDE DISPOSAL:** Do not contaminate water, food, or feed by storage or 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.

**IMPORTANT!** Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting. Before removing gloves, wash them with soap and water.

Keep all unprotected persons, children, livestock, and pets away from treated area or where there is a danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. See Statement of Practical Treatment.

**GENERAL DIRECTIONS**

Apply this product over-all as a directed spray either in early spring before seeds of annual weeds germinate or after cultivation has removed the growing weeds. Apply in sufficient water for uniform coverage (at least 50 gallons per acre). If treatment is followed by application of 1/2 to 1 inch of water by overhead irrigation, the lower rates are recommended. Shallow incorporation immediately after application is recommended in southern areas. In other areas, shallow incorporation or sprinkler irrigation is suggested when applications are made during periods of high temperature. This product may be used for weed control on the plants listed below.

**PRECAUTIONS:** Do not apply this product through any type of irrigation system. Do not use in seed beds, transplant or cutting beds or greenhouses. Do not apply until 6 months after rooting of cuttings in the field, or after planting rooted cuttings. Do not apply to areas on slopes above lawns or susceptible crops as run-off water from treated area could cause injury. Do not apply on fruit stock within 3 months prior to or following grafting or budding of root stocks or planting of new grafts. Do not apply more than the maximum recommended amount per growing season. Do not use on "St. Lucie fine sand," "Arzell fine sand" or other light sand soil. Do not graze livestock in treated areas. Store in a tightly closed container in a dry place.

**WOODY ORNAMENTALS (ESTABLISHED and NURSERY STOCK):**

This product may be used for weed control on the plants listed below. Apply 8 to 12 pounds per acre, based on area actually treated. Do not apply until 4 weeks after transplanting. Follow general directions above.

- |                       |                                  |                |
|-----------------------|----------------------------------|----------------|
| ✓ Amur Corktree       | ✓ Filbert                        | ✓ Nandina      |
| ✓ Arbor Vitae         | ✓ Flowering Almond               | ✓ Oak          |
| ✓ Ash                 | ✓ Flowering Quince               | ✓ Osmanthus    |
| ✓ Azalea <sup>1</sup> | ✓ Forsythia                      | (Holy-olive)   |
| ✓ Barberry            | ✓ Gardenia                       | ✓ Pachistima   |
| ✓ Beauty Bush         | ✓ Goldenraintree                 | ✓ Pecan        |
| ✓ Birch               | ✓ Hackberry                      | ✓ Photinia     |
| ✓ Boxelder            | ✓ Heather                        | ✓ Pittosporum  |
| ✓ Boxwood             | ✓ Holly (Ilex spp.) <sup>2</sup> | ✓ Poplar       |
| ✓ Camellia            | ✓ Honeysuckle                    | ✓ Privet       |
| ✓ Caragana            | ✓ Ivy (Hedera helix)             | ✓ Pyracantha   |
| ✓ Cleyera japonica    | ✓ Juniper                        | ✓ Rhododendron |
| ✓ Cotoneaster         | ✓ Kinnikinnick                   | ✓ Rockrose     |

- |                              |                         |                          |
|------------------------------|-------------------------|--------------------------|
| <del>Cottonwood</del>        | <del>Laurel</del>       | <del>Rose</del>          |
| <del>Crabapple</del>         | <del>Leucothoe</del>    | <del>Russian Olive</del> |
| <del>Deutzia</del>           | <del>Lilac</del>        | <del>Spirea</del>        |
| <del>Dogwood</del>           | <del>Linden</del>       | <del>Squaw carpet</del>  |
| <del>Eastern Red Cedar</del> | <del>Locust</del>       | <del>Weigela</del>       |
| <del>Elm</del>               | <del>Magnolia</del>     | <del>Willow</del>        |
| <del>Elwood Cypress</del>    | <del>Maple</del>        | <del>Yew (Taxus)</del>   |
| <del>English Walnut</del>    | <del>Mock Orange</del>  |                          |
| <del>Euonymus</del>          | <del>Mountain Ash</del> |                          |

- <sup>1</sup> Kurume, Mollis, Hardy hybrid types and hardy native species only.
- <sup>2</sup> Except I. crenata, I. rotunda, I. vomitoria

**WEED CONTROL**

This product is recommended for control of annual grassy and broadleaved weeds and certain perennial weeds such as:

- |                             |                               |                              |
|-----------------------------|-------------------------------|------------------------------|
| <del>Annual Bluegrass</del> | <del>Foxtail</del>            | <del>Purslane</del>          |
| <del>(Poa Annua)</del>      | <del>Gisekia</del>            | <del>Ragweed</del>           |
| <del>Bluegrass</del>        | <del>Groundsel</del>          | <del>Red Deadnettle</del>    |
| <del>Bull Thistle</del>     | <del>Henbit</del>             | <del>Redroot Pigweed</del>   |
| <del>Camphorweed</del>      | <del>Horsetail</del>          | <del>Rosarypea</del>         |
| <del>Carpetweed</del>       | <del>Jerusalem oak</del>      | <del>Russian Thistle</del>   |
| <del>Chickweed</del>        | <del>Goosefoot</del>          | <del>Shepherdspurse</del>    |
| <del>Citron Melon</del>     | <del>Knotweed</del>           | <del>Smartweed</del>         |
| <del>Coffeeweed</del>       | <del>Lambsquarters</del>      | <del>Spanishneedles</del>    |
| <del>Crabgrass</del>        | <del>Maypops</del>            | <del>Spurge</del>            |
| <del>Cudweed</del>          | <del>Milkweed Vine</del>      | <del>Teaweed</del>           |
| <del>Dandelion</del>        | <del>(Morrenia Odorata)</del> | <del>Texas Panicum</del>     |
| <del>Dogfennel</del>        | <del>Miner Lettuce</del>      | <del>(Hurrah Grass)</del>    |
| <del>Evening Primrose</del> | <del>Natalgrass</del>         | <del>Wild Barley</del>       |
| <del>Fiddleneck</del>       | <del>Old Witchgrass</del>     | <del>Wild Mustard</del>      |
| <del>Florida Purslane</del> | <del>Peppergrass</del>        | <del>Wild Radish</del>       |
| <del>(Pusley)</del>         | <del>Pineapple Weed</del>     | <del>Yellow Woodsorrel</del> |
|                             | <del>Plantain</del>           |                              |

**UNDER ASPHALT:** For general weed control under asphalt (in areas such as roadways, parking lots, recreational areas), after final grade is achieved, apply 20 - 24 pounds in 75 to 100 gallons of water per acre (7 1/2 to 9 ozs. per 1,000 sq. ft. in 1 1/2 to 2 1/2 gallons of water). Treated area should be covered with asphalt as soon as possible. For resurfacing work, existing weeds should be sprayed with a contact herbicide prior to application of this product.

**ROOT PENETRATION OF GROUT**

To inhibit the penetration of roots into polyacrylamide gels used as sealants of sewer-pipe joints, incorporate 0.04 percent by weight of this product in the mixture of acrylamide monomers used to produce the gel.