

CASORON®

10G

AQUATIC AND INDUSTRIAL HERBICIDE

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed. Avoid breathing of dust. Avoid contact with eyes or skin.

ENVIRONMENTAL HAZARDS

Do not contaminate untreated water when disposing of equipment washwaters. Treatment of weed areas can result in oxygen loss from decomposition of dead weeds. This loss can cause fish suffocation. Therefore treat only 1/3 of the weed areas at a time and wait 14 days between treatments. Consult your State Environmental Regulatory Agency concerning the need for a permit before applying this product to public waters. Do not apply to water which will be used for crop irrigation, for livestock water or for human consumption. Do not use fish from treated water for food or feed for a period of 90 days after application. Do not use in commercial fish or shellfish water. Cover, collect, or incorporate granules spilled on the soil surface.



COMPOSITION

Active Ingredient: (% by weight)	
Dichlobenil (2,6-dichlorobenzonitrile) ...	10.0%
Inert Ingredients:	90.0%
TOTAL:	100.0%

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

STORAGE — Store in a dry location. Do not store with propagative structures such as seed, bulbs, tubers, nursery stock, etc., or with food or feed products.

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 applicator 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.

ACCEPTED

NOV 16 1988

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 400-178

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or poison control center immediately. Drink promptly a large quantity of water.

IF INHALED: Remove to fresh air; if abnormal symptoms develop, contact a physician.

IF ON SKIN: Wash affected area with plenty of soap and water.

IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Contact a physician. See left side panel for additional precautionary statement.

UNIROYAL CHEMICAL COMPANY, INC.

Middlebury, CT 06749

EPA REG. NO. 400-178

EPA EST. NO.

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2-22-88

Lot. No.

NET CONTENTS:

CASORON 10G

WORKERS SAFETY RULES

IMPORTANT! Always wash hands, face, and arms with soap and water before smoking, eating, drinking, or toileting. 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.

AQUATIC WEED CONTROL

CASORON 10G is recommended for control of rooted aquatic weeds in non-flowing water, such as ponds, reservoirs and lakes.

Apply CASORON 10G in water bodies operated under the supervision of a government agency, corporate or land development ponds or lakes, providing the user and/or applicator has control of the uses of water.

CASORON 10G may be applied either through the water column, to exposed pond bottoms after drawdown, or to shorelines at low water. CASORON 10G does not harm fish when used as directed.

CASORON 10G applied as directed below will give season long control of several species of weeds including the following:

- *Alligatorweed
- *Cattails (Typha spp.)
- Coontail
- Elodea (Egeria sp.)
- *Hydrilla
- Northern watermilfoil
- Pondweeds (potamogeton spp.)
- *Spatterdock (Nuphar sp. yellow waterlily, cowlily)
- *White waterlily
- *Bladderwort (Utricularia spp.)
- Chara
- *Eelgrass (Vallisneria)
- *Eurasian watermilfoil
- Naiads
- *Pennywort
- *Purple Loosestrife
- *Waterprimrose
- *Widgeongrass

***DO NOT USE IN CALIFORNIA FOR THESE WEEDS**

SUBMERGED WEED CONTROL — Elodea, Naiads, Chara, watermilfoils, Pondweeds, Hydrilla, (Potamogeton spp.) and Widgeongrass: Apply CASORON 10G during early spring either before growth begins, or during the period of early rapid growth. As CASORON 10G controls weeds only where applied, uniform distribution of the granules over the area to be treated is essential. It is particularly suited for spot treatments, treatment around boat docks, and swimming areas. Submerged weeds must be rooted to the hydrosol for adequate residual control.

TREATMENT OF EXPOSED BOTTOMS AND SHORELINES AT LOW WATER

Apply CASORON 10G at a rate of 70 to 100 pounds per acre. Complete and uniform coverage of the area is necessary for control. Use the lower rate if the soil is wet at the time of application, or if the water is less than 1 foot deep. In the case of treatment after drawdown, the pond should be refilled promptly.

TREATMENT THROUGH WATER

Distribute CASORON 10G uniformly over the surface of the water using a rate of 100 to 150 pounds per acre of surface area. Apply 100 to 125 pounds per acre when the water is less than 4 feet deep, or when light weed populations are expected. Apply 125 to 150 pounds per acre when applying through water deeper than 4 feet or if heavy weed populations are expected. Application should be made during periods of calm when wave action is at a minimum.

LILY CONTROL: White waterlily and spatterdock (yellow waterlily, cowlily, pondlily) should be treated in spring after the new leaves reach the surface of the water. In southern areas treatment may be made in Spring or after plants are more mature - June or July. Use application rates listed above.

ALLIGATORWEED CONTROL: Timing is very important in control of this weed. Apply 40 to 80 pounds of CASORON 10G per acre in early spring after growth begins and not later than full-size leaf stage. The minimum rates of 40 to 60 pounds per acre should be used when new growth is one-fourth to one-half inch in length. Treatments made earlier or later than this optimum growth stage, should be at rates of 60 to 80 pounds per acre. Treat only alligatorweed which is firmly rooted.

PURPLE LOOSESTRIFE CONTROL: Apply CASORON 10G at the rate of 150 lb./A during early spring before growth begins.

APPLICATION EQUIPMENT

CASORON 10G should be distributed by use of an applicator such as a hand cyclone type spreader. If areas to be treated are small, satisfactory application can be made by hand, spreading the granules with a small scoop. If large areas are to be treated such as along shorelines, aerial equipment can be employed. Boat mounted granular applicators are effective for evenly distributing CASORON 10G along shorelines and boat dock areas. CASORON 10G is designed to sink rapidly in water.

INDUSTRIAL WEED CONTROL

CASORON 10G will give nonselective weed control for an extended (12 month) period of time when applied as directed. The weeds listed below can be controlled in industrial and noncropland areas such as railroads, utility, highway, and pipeline rights-of-way, non-surfaced roadways, utility plant sites and substations, petroleum tank farms, pumping installations, fencerows, storage areas, lumber yard and non-irrigation ditch banks and similar areas.

WEEDS AND GRASSES	RATES	DIRECTIONS
Perennial Weeds: Artemisia (Mugwort) · Aster Bindweeds Bluegrass Canada Thistle Curly Dock False Dandelion Fescue Florida Betony	Leafy Spurge Orchardgrass Quackgrass Red Sorrel Russian Knapweed Timothy Wild Carrot Yellow Rocket	<p>For non-selective weed control CASORON 10G should be applied at the rate of 120 to 200 pounds per acre (2³/₄ to 4¹/₂ pounds per thousand square feet, 4¹/₂ to 7¹/₂ ounces per 100 square feet or 1¹/₄ to 1³/₄ pounds per square rod). The lower rates may be used if the weed infestation is primarily annuals. For perennial weeds and in dry soil areas the higher rates should be used. Dead weeds from previous seasons growth do not need to be removed and soil should not be cultivated prior to application.</p> <p>Make application during coldest weather when plants are fully dormant or in the winter rosette stage.</p> <p>For annual weed control CASORON 10G should be applied prior to germination or when new plants are very small.</p> <p>For best results CASORON 10G should be applied during the season of lowest temperatures. Apply November 1 to March 1 in most areas or until April 1 in the northern tier of states. In areas of limited rainfall apply just prior to or during rainy season. For prompt and effective results rainfall or other precipitation should occur within a few days of application. Do not apply if air temperature is expected to rise above 70°F within the following week.</p> <p>If application is made when temperature is above 70 F, material should be watered in promptly or lightly incorporated into soil, or covered with mulch.</p> <p>Do not seed or transplant into treated area for 24 months.</p>
Annual Grass: Annual Bluegrass Crabgrass Foxtail Foxtail Barley	Natalgrass Texas Panicum Virginia Pepperweed Witchgrass	
Annual Broadleaf Weeds: Bull Thistle Camphorweed Carpetweed Chickweed Citronmelon Coffeeweed Cudweed Dandelion Dog Fennel Eveningprimrose Fiddleneck Florida Purslane Gisekia Groundsel Henbit Horsetail Jerusalem oak Goosefoot Knotweed Lambsquarters	Maypops Miners Lettuce Pineappleweed Plantain Prickly sida Purple Deadnettle Purslane Ragweed Redroot Pigweed Rosary Pea Russian Thistle Shepherdspurse Smartweed Spanish needles Spurge Stranglervine Wild Mustard Wild Radish Yellow Woodsorrel	

OTHER USES

UNDER ASPHALT: For general weed control under asphalt (in areas such as roadways, parking lots, recreational areas), after final grade is achieved, apply 100 to 120 lbs. per acre. (2.3 to 2.8 lbs. per 1,000 sq. ft.). Treated area should be covered with asphalt as soon as possible. For re-surfacing work, existing weeds should be sprayed with a contact herbicide prior to CASORON 10G application.

USE PRECAUTIONS

This product is not selective in action and may destroy all types of vegetation. The treated area may be totally or partially nonproductive for one or more years. Apply only to areas where complete plant control is desired. Do not apply to areas on slope above lawns or susceptible crops as run-off water from treated area could cause injury. Do not graze livestock in treated areas.

IMPORTANT NOTICE — Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.