

# REGALKADE® G

**For Preemergent Control of Grass and Broadleaf Weeds**

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**ACTIVE INGREDIENTS:**

Prodiamine [2,4-dinitro-N3,N3-dipropyl-6-(trifluoromethyl)-1,3-benzenediamine] ..... 0.5%

**INERT INGREDIENTS:** ..... 99.5%

**TOTAL** ..... 100.00%

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**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

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**For pre-emergence control of grass and broadleaf weeds in:**

- Container, Field Grown and Landscape Ornamentals
  - Conifer and Hardwood Seedling Nurseries
  - Established Perennial & Wildflower Plantings
  - Plants Grown for Foliage Production (Florida Only)
  - Christmas Tree Farms
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EPA Reg. No. 48234-16

EPA Est No. 48234-GA-I



<b>FIRST AID</b>	
<b>IF ON SKIN:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-621-5208 for emergency medical treatment information.	

<b>PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS</b>
Causes moderate eye irritation. Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.
<b>PERSONAL PROTECTIVE EQUIPMENT (PPE)</b>
Applicators and other handlers must wear: <ul style="list-style-type: none"> <li>- Long-sleeved shirt and long pants</li> <li>- Waterproof gloves</li> <li>- Shoes plus socks</li> </ul>
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.
<b>ENGINEERING CONTROLS STATEMENT</b>
When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4.6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

<b>USER SAFETY RECOMMENDATIONS:</b>
Users should: <ul style="list-style-type: none"> <li>• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet</li> <li>• Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> <li>• 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.</li> </ul>

## ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limit of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. 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. Do not apply this product in a way that will contact workers or other persons, whether directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation

<b>AGRICULTURAL USE REQUIREMENTS</b>
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), notification to workers, and restricted-entry interval. The requirements in this box apply to uses of this product that are covered by Worker Protection Standard.
<b>DO NOT</b> enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.
PPE required for early entry to treated areas, such as plants, soil, or water is: <ul style="list-style-type: none"> <li>• Coveralls</li> <li>• Waterproof gloves</li> <li>• Shoes plus socks</li> </ul>

## GENERAL INFORMATION

RegalKade G is a pre-emergence herbicide that provides residual control of listed grass and broadleaf weeds in:

- Container; Field Grown Ornamentals, Landscapes
- Conifer and Hardwood Seedling Nurseries
- Established Perennial & Wildflower Plantings
- Plants Grown for Cut Foliage Production
- Christmas Tree Farms

RegalKade G controls susceptible weeds by inhibiting weed seeds germination and root development. Most effective weed control will be obtained when RegalKade G is activated by at least 0.5 in. of rainfall or irrigation, or with shallow (1 or 2 in.) incorporation, prior to weed seed germination and within 14 days following application.

**DO NOT** graze or feed livestock forage cut from areas treated with RegalKade G.

**DO NOT** apply this product through any type of irrigation system.

**DO NOT** apply aerially.

## APPLICATION DIRECTIONS

Apply uniformly with suitable, calibrated application equipment.

LANDSCAPES, CONTAINER, FIELD GROWN & LANDSCAPE ORNAMENTALS (including Christmas Trees, Established Perennial and Wildflower Plantings): RegalKade G may be applied for residual pre-emergence weed control in the culture of ornamentals.

## USE RATES

Apply RegalKade G at 132 to 300 lb/A in Fall and/or Spring. Use higher rates of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 300 lb/A. All applications must be made prior to germination of the weed seeds.

## WEEDS CONTROLLED

When used in accordance with this label RegalKade G will provide control of the following weeds:

Barnyardgrass	Kochia	Purslane, Common
Bluegrass, Annual (Poa annua)	Lambsquarter, Common	Pursley, Florida
Carpetweed	Lovegrass	Rescuegrass <sup>2</sup>
Chickweed, Common	Panicum (Texas, Fall, Browntop)	Shepherd's Purse <sup>1</sup>
Chickweed, Mouseear (from seed)	Pigweed	Signalgrass, Broadleaf
Crabgrass (large, smooth)	Henbit	Speedwell, Persian
Crowfootgrass	Itchgrass	Sprangletop
Cupgrass, Woolly	Johnsongrass (from seed)	Spurge, Prostrate
Foxtail, Annual	Junglerice	Witchgrass
Goosegrass	Knotweed	Woodsorrel, Yellow (from seed)

<sup>1</sup>Applications for this weed should be made in late summer, fall or winter, prior to germination. <sup>2</sup>Suppression only.

## APPLICATION TIMING AND INFORMATION

RegalKade G may be applied to newly transplanted and established container; field nursery stock and landscapes as a broadcast, over the top application. Irrigation or rainfall soon after application will wash granules off plant foliage and activate RegalKade G in the soil. Apply RegalKade G to dry foliage only.

RegalKade G may be applied at any time to established plants. Delay application to allow soil to settle around new transplants and water thoroughly before applying RegalKade G. Apply RegalKade G after cuttings form roots and become established. Apply before budding and grafting or after buds/grfts have taken to avoid any inhibition of the tissue union.

In addition to outdoor locations, RegalKade G may be applied in shadehouses and uncovered polyhouses. Uncovered polyhouses must remain open for a minimum of 30 days following treatment.

RegalKade G may be applied to soil (including mulch, gravel, wood chips, or other permeable base) upon which containerized ornamentals are placed. Only shallow cultivation or hand weeding, if necessary after application, should be performed so as to minimize exposure of untreated soil.

RegalKade G is a pre-emergence herbicide and will not control emerged weeds. Most effective weed control in ornamentals will be obtained when RegalKade G is activated by at least 0.5 in. of rainfall or irrigation, or with shallow (1 or 2 in.) mechanical incorporation, prior to weed seed germination and within 14 days following application.

Best weed control is obtained when RegalKade G is applied to soil free of clods, weeds, and debris such as leaves. Prior to application of RegalKade G, control existing vegetation by hand weeding, cultivation or the use of an appropriate post-emergence herbicide.

## CONIFER AND HARDWOOD SEEDLING NURSERIES

RegalKade G may be applied for residual pre-emergence weed control in conifer and hardwood seedling nurseries. RegalKade G may be applied to conifer and hardwood seedling nurseries any time after the soil has settled around newly transplanted seedlings, liners or bare root plants.

Apply RegalKade G at 132 to 300 lb/A in Fall and/or Spring. Use higher rates of application for longer control periods. Sequential applications may be made so long as the total amount of product applied does not exceed the maximum annual application rate of 300 lbs. product/A.

Most effective weed control will be obtained when RegalKade G is activated by at least 0.5 in. of rainfall or irrigation prior to weed seed germination and within 14 days following application.

#### TOLERANT ORNAMENTAL SPECIES

RegalKade G will not harm most ornamental trees, shrubs and flowers. The species listed below are tolerant to RegalKade G. Best results will be obtained when RegalKade G is uniformly applied to the soil surface. RegalKade G may be applied over the top of these species without injury.

Scientific Name	Common Name
Abies spp.	Fir Species** (balsam, Fraser, Nobel, etc.
Abelia grandiflora	Abelia; Sherwood
Acer palmatum	Japanese Maple
A. platanoides	Norway Maple
Acililea sp.	Yarrow; King Edward
Actinidia chinensis	Kiwi*
Agapanthus africanus	Lily-of-the-Nile (African Lily)
Agapanthus Orientalis	
Akebia quintata	Five-Leaf or Chocolate Vine
Allium cernuum	Lady's Leek, Nodding Onion
Anemone hybrida	Japanese Anemone
Aquilegia sp.	Aquilegia; Red and Gold
Arctostaphylos densiflora	Vine Hill Manzanita
Arctotheca calendula	Cape Weed
Artemesia sp.	Wormwood; Silver Mound, Castle
Aster sp.	Aster: Bonny Blue, Purple Dome
Aster X Frikartii	
Athrium Filiz-femina	Lady Fern; Fern Lady
Scientific Name	Common Name
Aucuba japonica	Japanese Aucuba
Begonia sp.	Fibrous Begonia; Hardy Grandis
Berberis gladwynensis	Barberry
B. Julianae	Wintergreen Barberry
B. mentorensis	Mentor Barberry
B. Thunbergii	Japanese Barberry
B. verruculosa	Warty Barberry
Bergenia cordifolia	
Boltonia asteroides	Snowbank
Bougainvillea sp.	Bougainvillea
Buddleia davidii	Butterfly-Bush (Dwarf Blue); Royal Red
Buxus microphylla	Japanese Boxwood
Callistemon viminalis	Weeping Bottlebrush
Calluna vulgaris	Scotch Heather
Campanula carpatica	Tussock Bellflower; (White Clips)
Campis X Tagliabuana	Trumpet Creeper; Trumpet Flower; Madame Galen
Carpobrotus edulis	Hottentrot Fig (Ice Plant)
Cassia artemisoides	Feathery Cassia
Ceanothus rigidus	Wild Lilac
Ceratostigma plumbagonoides	
Chamaecyparis pisifera	False Cypress

Scientific Name	Common Name
Chrysanthemum nipponicum	
Cleyera japonica	Cleyera
Citrus spp.	Citrus species*
Coreopsis sp.	Coreopsis (Calliopsis): Early Sunrise, Moonbeam
Cornus florida	Flowering Dogwood
C. stonolifera	American Dogwood
Cortaderia selloana	Pampas Grass
Cotoneaster apiculatus	Cranberry Cotoneaster
C. buxifolius	Cotoneaster
C. Dammeri	Bearberry Cotoneaster
C. microphyllus	Rockspray Cotoneaster
Cretaeagus spp.	Hawthorne
Crocsmia sp.	Lucifer
Cupressus sempervirens	Italian Cypress
Delosperma alba	White Trailing Ice Plant
Delosperma sp.	Cooperi Pink
Delphinium sp.	Larkspur; Blue Elf
Dianthus deltoides	Dianthus; Maiden Pinks "Zing"
D. gratianopolitanus	Cheddar Pink
Dodonea viscosa	Hop Bush
Echinacea pupurea	Coneflower; Purple; Mangus
Elaeagnus pungens	Silverberry
Euonymus Fortunei	Wintercreeper
E. japonica	Japanese Spindle Tree (Evergreen Euonymus)
E. kiautschovica	Spreading Euonymus
Fatsia japonica	Japanese Aralia
Forsythia intermedia	Border Forsythia
Forsythis suspensa	Weeping Forsythia
Scientific Name	Common Name
F. viridissima	Greenstem Forsythia
Gaillardia sp.	Gaillardia, Blanket Flower: "Goblin"
Gardenia jasminoides	Gardenia, Cape-Jasmine, Radicans
Gaura sp.	
Gentianna dahurica	Gentian
Geranium Cinereum	Cranesbill
Gladiolus spp.	Gladiolus species**
Gypsophilia repens	Baby's Breath
Hedera helix	English Ivy
Hellanthemum sp.	Sunrose
Hemerocallis sp.	Daylily; Aztec Gold, Stella De Oro, Tender Love
Hibiscus	Rose of Sharon**
Hibiscus sp.	Mallow; Disco Belle White
Hibiscus Rosa-sinensis	Chinese Hibiscus
Hosta plantaginea	Hosta, Plantain Lily (Fragrant)
H. Sieboldiana	Hosta, "Searsucker"
Houttuynia cordata var. variegata	
Hydrangea macrophylla	Bigleaf Hydrangea
Ilex Beryi	Holly
Ilex cornuta	Chinese Holly
I. crenata	Japanese Holly; Helleri
I. opaca	American Holly

Scientific Name	Common Name
I. vomitoria	Yaupon Holly; Schillings
Inula ensifolia	
Iris ensata	Sword-Leaved Iris; Jodlesong
Iris siberica	Siberian Iris; Cabernet
Iris spp.	Iris species**
Jasminium nudiflorum	Winter Jasmine
Juniperus chinesis	Chinese Juniper; Nick's Compact, Parsoni
J. conferta	Shore Juniper; Blue Pacific
J. davurica	Parsoni
J. horixontalis	Creeping Juniper
Juglans sp.	Walnut*
Justicia brandegeana	Shrimp Plant
Lagerstromia indica	Crape Myrtle
Lagerstromia indica X Faurei	Crape Myrtle; Tuscarora
Lantana montevidensis	Weeping Lantana
Lavender sp.	Lavender; Munstead
Leontopodium alpinum	Edelweiss
Ligustrum sinense	Chinese Privet; Variegata
Ligustrum amurense	Amur Privet
L. japonicum	Japanese Privet
L. lucidum	Glossy Privet (Waxleaf)
Lillium sp.	Lily; Jazz
Liriope Muscari	Big Blue Lily; Turf; Silver Mound; Evergreen Giant
Liriope Muscari var. variegata	Liriope; Variegated
Liriope spicata	Liriope; Creeping
Lobelia Cardinalis	Cardinal Flower; Indian Pink
Lonicera japonica	Japanese Honeysuckle
Scientific Name	Common Name
L. tatarica	Tatarian Honeysuckle
Loropetalum chinense	Burgundy
Lythrum sp.	Loosestrife; Modern Pink
Magnolia spp.	Magnolia species**
Maleophora luteola	Ice Plant
Malus sp.	Crabapple*
Miscanthus sinensis	Yaku Jima, Silberfeder
Nandina domestica	Heavenly Bamboo
Narcissus spp.	Narcissus species**
Nerium oleander	Oleander
Olea europea	Olive*
Ophiopogon japonicus	Mondo Grass
Osmanthus heterophyllus	Osmanthus (False Holly); Gulf Tide
Osteospermum fruticosum	Trailing African Daisy
Oxydendrum arboreum	Sourwood
Paeonia suffruticosa	Tree Peony
Pennisetum setaceum	Fountain Grass (Dwarf)
Perovskia atriplicifolia	
Persea americana	Avocado*
Photina Fraseri	Fraser's Photinia (Redtip)
Physotegia Virgiana	Dragonhead, False; Vivid

\*Ornamental species only. Do not use on food producing trees or vines.

## NEW PLANTINGS, REPLANTING AND CROP ROTATION

If areas are to be seeded, do not apply RegalKade G until seeded plants are up and well established.

Areas treated with RegalKade G should be rotated only to species listed on this label for 1 year following application unless the following test has shown species safety:

Before planting a species not listed on this label it is recommended that several test strips of an indicator plant such as wheat, sorghum or corn be sown into the treated areas. If the indicator plants germinate and grow normally to a height of 12 inches with normal root development, it is safe to plant.

In areas disturbed by new plantings or replanting of labeled species, it may be necessary to retreat exposed soil to maintain satisfactory weed control.

## PRECAUTIONS AND LIMITATIONS

- Do not apply to wet or moist foliage.
- Do not apply in wind conditions that will affect product distribution. Uneven distribution will result in erratic weed control.
- Do not use on any varieties or cultivars unless user is familiar with the results on specific plant materials under his growing conditions.

**NOTICE TO USER:** Plant tolerance to RegalKade G has been found to be acceptable on all ornamentals that it has been tested on. Due to the large number of species and varieties of ornamental and nursery plants, it is impossible to test every one for tolerance to RegalKade G. Neither the manufacturer nor the seller has determined whether or not RegalKade G can be used safely on ornamental plants not specified on this label. The professional user should determine if RegalKade G can be used safely prior to commercial use. In a small area test the recommended rates on a small number of plants for phytotoxicity prior to widespread use.

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container away from other fertilizer, feed, or food stuffs and separated from other pesticides.

**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.

## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of this product, which are beyond the control of REGAL CHEMICAL COMPANY, Inc. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer and User; and Buyer and User agree to hold REGAL and Seller harmless for any claims relating to such factors.

REGAL warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or REGAL, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, REGAL MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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