

79766-7

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

November 18, 2010

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Vickie A. Forster
Agent for Falcon Lab, LLC
230 Steeplechase Circle
Wilmington, DE 19808

Subject: Product Name: REVEL Ready-To-Use (RTU)
EPA Reg. No: 79766-7
Application for Label Notification dated October 20, 2010 to change Brand Name

Dear Ms. Forster:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PRN 98-10 and it has been determined that the action(s) requested falls within the scope of PRN 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

Questions concerning this action should be directed to John Fournier at (703) 308-0169 or email at fournier.john@epa.gov.

Sincerely,

Linda Hollis

Linda Hollis, Chief
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention
Division (7511P)

CONCURRENCES

| | | | | | | | |
|---------|-----------|--|--|--|--|--|--|
| SYMBOL | 7511P | | | | | | |
| SURNAME | Fournier | | | | | | |
| DATE | 18 Nov 10 | | | | | | |



REVEL™
Ready-To-Use (RTU)

Non-selective Herbicide

FOR ORGANIC GARDENING

FOR HOMEOWNER USE

FOR CONTACT SPRAY CONTROL OR BURNDOWN OF WEEDS AND GRASSES FOR ORNAMENTALS, TURF, LANDSCAPES, INTERIORSCAPES, GREENHOUSES, NON-CROP AREAS ON RESIDENTIAL SITES

NOT FOR FOOD USE

KEEP OUT OF REACH OF CHILDREN

WARNING "AVISO"

"Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)"

| | |
|--------------------------|-------------------|
| Active ingredient: | |
| Ammonium Nonanoate | 5.0 wt. % |
| Other ingredients | <u>95.0 wt. %</u> |
| Total | 100.00 wt. % |

REVEL™ RTU contains 0.42 lbs. of ammonium nonanoate per U.S. gallon

This product is protected by U. S. Patent No. 6,323,156

EPA Reg. No.79766-7

EPA Establishment No.79766-

Net Contents: 1 pint (16 fl. oz.)

NOTIFICATION

Date Reviewed: 18 Nov 10

Reviewed By: John Fournier, BPPD

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial, but temporary eye irritation. Do not get in eyes or on clothing. Wear goggles. Harmful if inhaled. Causes moderate eye irritation. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

| FIRST AID | |
|--|---|
| If in eyes | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |
| If on skin or clothing | <ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| If inhaled | <ul style="list-style-type: none"> • Move person to fresh air • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice. |
| HOT LINE NUMBER | |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical advice. | |

ENVIRONMENTAL HAZARDS

For terrestrial uses: This pesticide is toxic to fish and aquatic invertebrates. Use care when applying in areas adjacent to any body of water. 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 contaminate water when disposing of equipment washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product is toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product if bees are visiting the treatment area.

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, either 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 State/Tribal agency responsible for pesticide regulation.

METHODS OF USE AND GENERAL APPLICATION INSTRUCTIONS

General Instructions:

REVEL™ RTU is a contact non-selective herbicide for spray application only to undesirable plant growth. Do not allow spray to contact any green plant parts of desirable plants. REVEL™ RTU provides control and burndown suppression of annual and perennial broadleaf and grass weeds. Spore producing plants such as mosses and liverworts are also controlled. The amount of burndown and the duration of weed suppression may be reduced when weed growth conditions are unfavorable or when plants are mature.

REVEL™ RTU is a non-volatile and water soluble herbicide for foliar application to weeds. Complete and uniform coverage of weeds by the spray solution is required for the best weed control. Plant foliage will change from a green color to brown/black necrotic tissue within one to two hours after spray application. REVEL™ RTU effect on plant tissue may be more rapid in warm weather than in cold conditions. However, weed control is normally unaffected by temperature.

REVEL™ RTU herbicide is a soap product which penetrates the cell walls of plants to disrupt the cellular organization of physiological functions which are compartmentalized by membranes within the cell walls. Plant growth ceases when cellular contents are mixed and brown necrotic plant tissue is formed.

REVEL™ RTU does not migrate through the soil and is not translocated in plants. To ensure satisfactory control, plant leaves must be thoroughly and uniformly covered with the spray solution. REVEL™ RTU does not provide any residual weed control in soil to affect germinating weed seeds.

Application Instructions:

REVEL™ RTU is completely soluble in water. No shaking or agitation is required. During application, some foaming may occur; however, weed control is not reduced if the foam is deposited on the plant surface and is not blown away as drift.

Apply REVEL™ RTU when weed surfaces are dry.

Application Precautions:

- Do not apply to weeds when wet from dew, rain or irrigation.
- Do not irrigate within 2 hours after application
- Do not apply if rainfall is expected within 2 hours.

Difficult to control weeds may require several applications for complete control.

Hand-Held Spray Application

The amount of weed vegetation will determine the spray volume required for complete coverage of undesired plants (weeds). Weed vegetation conditions that affect spray coverage are number of weeds present, leaf shape, weed size and weed species. Thorough saturation of the foliage and stems is required for control. Apply sprays until run-off from weed leaves occurs. Use low spray pressure to reduce foaming and avoid contact with desirable plants.

Directed Spray Application

Use a shielded sprayer to prevent spray contact on desirable plants. Avoid spray contact of green plant stems or green bark of young trees and shrubs.

Some visible foam may appear on the leaves as the plants are sprayed. Overspray or drift onto desirable plants is usually not a serious problem because leaves and stems require a thoroughly wet spray coverage for significant injury. Repeat applications as often as necessary to obtain desired control.

Use Methods

Determine the weed control situation and select the use method required as follows:

A. Vegetative Burndown: Broadcast spray for weed control for no-till planting or seedbed preparation to control weeds prior to seeding or transplanting. Spot sprays may be used in crops, ornamentals, pastures and turf.

B. Directed and shielded sprays: Spray nozzle type or configuration for directed spray or a shield placed around the nozzle to prevent spray contact on the foliage or green stems or bark. Directed/shielded spray applications to area between plastic mulch strips and staked crops for weed control.

PESTS

I. Weeds controlled or suppressed by REVEL™ RTU:

COMMON NAMES

TAXONOMIC NAMES

Broadleaf Weeds:

| | |
|---------------------------------|-------------------------|
| Algae | Gloeocapsa magma |
| Bittercress, hairy | Cardamine hirsuta |
| Chickweed, common | Stellaria media |
| Chickweed, mouse-ear | Cerastium vulgatum |
| Cocklebur, common | Xanthium strumarium |
| Corn spurry | Spergula arvensis |
| Cudweed, purple | Gnaphalium purpureum |
| Groundsel | Senecio spp. |
| Lambsquarters, common | Chenopodium album |
| Liverwort | Machantia spp. |
| Marestail or Horseweed rosettes | Conyza canadensis |
| Morningglory, annual | Ipomoea spp. |
| Moss | Bryophyta |
| Mustards | Brassica spp. |
| Oxalis or Woodsorrel | Oxalis stricta |
| Pansy, wild | Viola tricolor |
| Plantain | Plantago spp. |
| Pigweed, smooth and redroot | Amaranthus spp. |
| Mallow, roundleaved | Malva spp. |
| Moneywort | Lysimachia nummularia |
| Shepherdspurse | Capsella bursa-pastoris |
| Sorrel, sheep | Rumex acetosella |
| Spurge, spotted | Euphorbia maculata |
| Field pennycress | Thlaspi arvense |
| Velvetleaf | Abutilon theophrasti |

Grass and Other Weeds:

| | |
|----------------------|-----------------------|
| Bentgrass, colonial | Agrostis tenuis |
| Bluegrass, annual | Poa annua |
| Crabgrass, large | Digitaria sanguinalis |
| Fescue, creeping red | Festuca rubra |
| Fescue, hard | Festuca ovina |
| Nimblewill | Muhlenbergia scheberi |
| Onion, wild | Allium canadense |
| Ryegrass, perennial | Lolium perenne |
| Star-of-Bethlehem | Ornithogalum nutans |

II. Weeds Moderately Difficult to Control

| | |
|-------------------------|-------------------------|
| Bermudagrass (Wireweed) | Cynodon dactylon |
| Dandelion | Taraxacum officinale |
| Nutsedge, yellow | Cyperus esculentus |
| Ragweed, common | Ambrosia artemisiifolia |

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.
Pesticide Storage: Store container in cool place until used.
Pesticide Disposal: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.
Homeowner Container Disposal:
If empty: Nonrefillable Do not reuse or refill this container. Place in trash or offer for recycling, if available.

Batch Code: XXXX

Lot No. XXXX

Warranty Disclaimer Notice:

To the extent consistent with applicable law, Falcon Lab, LLC, makes no warranty or guarantee of any kind, expressed or implied concerning the effects of use of this product, other than those specified on this label and subject to the inherent risks set forth below. Buyers or users accept all responsibility for results due to misuse or improper handling of this product.

Inherent Risks of Use:

It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to the label instructions (including adverse conditions noted on the label, such as unfavorable temperatures, wind, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of Falcon Lab, LLC or the seller.

Produced for:
Falcon Lab LLC
1103 Norbee Drive
Wilmington, DE 19803-4123
302-764-0392
www.falconlabllc.com