

228-307

07/17/2003

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

JUL 17 2003

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Russell F. Sawyer  
Riverdale- A Nufarm Company  
1333 Burr Ridge Parkway  
Suite 125A  
Burr Ridge, IL 60527-0866

Dear Mr. Sawyer:

Subject: Riverdale Truce  
EPA Registration Number 228-307  
Application Dated 4/25/2003

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable, provided you make the following changes before you release the product for shipment.

1. Please note the misspelling of "wash" in PRECAUTIONARY STATEMENTS.
2. Change the order of precautionary statements to match the order of first aid statements listed under the signal word.
3. Insert "Pesticide Storage" heading and information under STORAGE AND DISPOSAL section.

Submit three (3) copies of final printed labeling incorporating the above changes before you release the product for shipment. Amended labeling will supercede all previously accepted ones. A stamped copy of labeling is enclosed for your records.

Sincerely,

A handwritten signature in black ink, appearing to read "James A. Tompkins".

James A. Tompkins, haj  
Product Manager 25  
Herbicide Branch  
Registration Division (7505C)

RIVERDALE®

TRUCE®

0.5G Herbicide

**For Use in Noncrop Areas**

ACTIVE INGREDIENTS

Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-  
5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid)

0.5%

INERT INGREDIENTS

99.5%

TOTAL 100.0%

Riverdale and Truce are Registered Trademarks of Riverdale - A Nufarm Company

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION - CAUCION**

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.)

**SEE INSIDE BOOKLET FOR FIRST AID  
AND ADDITIONAL PRECAUTIONARY STATEMENTS**

PA REG. NO. 228-307

NET CONTENTS LBS.

EPA EST. NO. 228-IL-1

MANUFACTURED BY NUFARM AMERICAS, INC., BURR RIDGE, ILLINOIS 60527-0866

Note: Spanish language is optional

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

JUL 17 2003

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

228-307

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS****CAUTION - CAUCION**

Avoid contact with skin, eyes or clothing. Avoid breathing of dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and was before reuse.

**FIRST AID STATEMENT**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15 to 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:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

**PHYSICAL AND CHEMICAL HAZARDS**

TRUCE 0.5G Herbicide should be mixed and stored only in lined paper bags, stainless steel, fiberglass, plastic and plastic-lined steel containers. DO NOT mix or store TRUCE 0.5G Herbicide in unlined steel (except stainless steel) containers.

**ENVIRONMENTAL HAZARDS**

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 washwaters.

**IMPORTANT**

DO NOT use on food or feed crops. DO NOT treat irrigation ditches, or water used for crop irrigation or for domestic uses. DO NOT apply where runoff or irrigation water may flow onto agricultural land as injury to crops may result. Keep from contact with fertilizers, insecticides, fungicides and seeds. DO NOT apply 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 lawns, walks, driveways, tennis courts, or similar areas. DO NOT use in California.

**GENERAL INFORMATION**

TRUCE 0.5G Herbicide is applied for control of most annual and perennial grasses and broadleaf weeds.

TRUCE 0.5G Herbicide is readily absorbed through the roots and is translocated rapidly throughout the plant, with accumulation in the meristematic regions. Treated plants stop growing soon after application. Chlorosis appears first in the newest leaves, and necrosis spreads from this point. In perennials, the herbicide is translocated into and kills underground storage organs, thus preventing regrowth. Chlorosis and tissue necrosis may not be apparent in some plant species until two weeks after application. Complete kill of plants may not occur for several weeks.

**DIRECTIONS FOR USE**

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

A preemergence application of TRUCE 0.5G Herbicide is recommended for control of most annual and perennial grasses and broadleaf weeds on noncropland areas such as railroad, utility, pipeline and highway rights-of-way, petroleum tank farms, pumping installations, fence rows, storage areas, and other similar areas. TRUCE 0.5G Herbicide may be applied any time during the growing season before weeds have emerged.

**APPLICATION INSTRUCTIONS**

Uniformly apply TRUCE 0.5G Herbicide with properly calibrated aerial or ground equipment at a rate of 200 to 300 lbs./A (1.0 to 1.5 lbs. A.E. of product per acre).

A preemergent application of TRUCE 0.5G Herbicide will provide residual control of the following target vegetation species:

**GRASSES**

- Annual bluegrass (*Poa annua*)
- Bahiagrass (*Paspalum notatum*)
- Beardgrass (*Andropogon* spp.)
- Bermudagrass (*Cynodon dactylon*)
- Big bluestem (*Andropogon gerardi*)
- Broadleaf signalgrass (*Brachiaria platyphylla*)
- Canada bluegrass (*Poa compressa*)
- Cattail (*Typha* spp.)
- Cheat (*Bromus secalinus*)
- Crabgrass (*Digitaria* spp.)
- Dallisgrass (*Paspalum dilatatum*)
- Downy brome (*Bromus tectorum*)
- Fall panicum (*Panicum dichotomiflorum*)
- Fescue (*Festuca* spp.)
- Foxtail (*Setaria* spp.)
- Goosegrass (*Eleusine indica*)
- Guineagrass (*Panicum macimum*)
- Italian ryegrass (*Lolium multiflorum*)
- Johnsongrass (*Sorghum halepense*)
- Kentucky bluegrass (*Poa pratensis*)
- Lovegrass (*Eragrostis* spp.)
- Orchardgrass (*Dactylis glomerata*)
- Paragrass (*Brachiaria mutica*)
- Prairie cordgrass (*Spartina pectinata*)
- Prairie threeawn (*Aristida oligantha*)
- Quackgrass (*Acropyron repens*)
- Sandbur (*Cenchrus* spp.)
- Sand dropseed (*Sporobolus cryptandrus*)
- Smooth brome (*Bromus inermis*)
- Timothy (*Phleum pratense*)
- Torpedograss (*Panicum repens*)
- Vaseygrass (*Paspalum urvillei*)
- Wild barley (*Hordeum* spp.)
- Wild oats (*Avena fatua*)
- Wirestem muhly (*Muhlenbergia frondosa*)
- Witchgrass (*Panicum capillare*)

**BROADLEAF WEEDS (cont'd.)**

- Carolina geranium (*Geranium carolinianum*)
- Clover (*Trifolium* spp.)
- Cocklebur (*Xanthium strumarium*)
- Common chickweed (*Stellaria media*)
- Common ragweed (*Ambrosia artemisiifolia*)
- Dandelion (*Taraxacum officinale*)
- Dock (*Rumex* spp.)
- Dogfennel (*Eupatorium capillifolium*)
- Filaree (*Erodium* spp.)
- Fleabane (*Erigeron* spp.)
- Giant ragweed (*Ambrosia trifida*)
- Hoary vervain (*Verbena stricta*)
- Horseweed (*Conyza canadensis*)
- Indian mustard (*Brassica juncea*)
- Lambsquarters (*Chenopodium album*)
- Little mallow (*Malva parviflora*)
- Milkweed (*Asclepias* spp.)
- Miners lettuce (*Montia perfoliata*)
- Mullein (*Verbascum* spp.)
- Nettleleaf goosefoot (*Chenopodium murale*)
- Oxeye daisy (*Chrysanthemum leucanthemum*)
- Pepperweed (*Amaranthus* spp.)
- Pigweed (*Amaranthus* spp.)
- Plaintain (*Plantago* spp.)
- Pokeweed (*Phytolacca americana*)
- Primrose (*Oenothera kunthiana*)
- Purslane (*Portulaca* spp.)
- Silverleaf nightshade (*Solanum elaeagnifolium*)
- Smartweed (*Polygonum* spp.)
- Sorrel (*Rumex* spp.)
- Sowthistle (*Sonchus* spp.)
- Sunflower (*Helianthus* spp.)
- Sweet clover (*Meilotus* spp.)
- Tansymustard (*Descurainia pinnata*)
- Texas thistle (*Cirsium texanum*)
- Western ragweed (*Ambrosia psilostachya*)
- Wild carrot (*Daucus carota*)
- Wild lettuce (*Lactuca* spp.)
- Wild parsnip (*Pastinaca sativa*)
- Wild turnip (*Brassica campestris*)
- Woollyleaf bursage (*Ambrosia grayii*)
- Yellow starthistle (*Centaurea solstitialis*)
- Yellow woodsorrel (*Oxalis stricta*)

**BROADLEAF WEEDS**

- Bull thistle (*Cirsium vulgare*)
- Burdock (*Arctium* spp.)
- Camphorweed (*Heterotheca subaxillaris*)
- Canada thistle (*Cirsium arvense*)
- Carpetweed (*Mollugo verticillata*)

**STORAGE AND DISPOSAL**

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

**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:** Triple rinse (or equivalent). Then offer for recycling or dispose of in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**DISCLAIMER**

The label instructions for the use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the use or application of the product contrary to label instructions, all of which are beyond the control of Nufarm Americas, Inc. All such risks shall be assumed by the user.

Nufarm Americas, Inc. warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions of use, subject to the risks referred to above.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values of any other special or indirect damages.

Nufarm Americas, Inc. makes no other express or implied warranty, including other express or implied warranty of FITNESS or of MERCHANTABILITY.

(RV 042503)