Please read instructions on rever	se before completing for	n. 03-0	5-2004	Form Appro	oved. O	MB No. 2070-00	060. Ar	oproval expires 05-31-98
70506-33	Tompoung for					Registrat		OPP Identifier Number
United States Environmental Protection Agen			Agency	y		Amendm	ent	274767
Washington, DC 20460					х	Other		
	Appli	cation fo	r Pestic	cide - Sc	ectio	n I		
Company/Product Number				A Product i			3. F	Proposed Classification
United Phosphorus, Inc./70500	5-33		J. Tom	pkins				
4. Company/Product (Name)			PM#					None Restricted
United Phosphorus, Inc./Devrinol 2-G Ornamental herbicide			25					
 Name and Address of Applicant (Include Zip Code) United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611 			6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(l), my product is similar or identical in composition and labeling to: EPA Reg. No					
☐ Check i	f this is a new address							
Amendment - Explain be	lour	Se	ction -		ad labal	s in response to		
				Agency let	tter date	d .		NOTIFICATION
Resubmission in respons				"Me Too" /				MAR 5 2004
Notification - Explain beloe Explanation: Use additional programme in the second seco				Other - Ex	plain be	low.		MAR 5 2004
Storage and Disposal section we Manual is used so no amendme Added 10.5 lb as an alternate of Added "Engineering Control Soft Removed the phrase "24-Hour" 1. Material This Product Will Child-Resistant Packaging Yes* No	ent is required to add this te ontainer size on master and tatement" heading to the ma s" from the Hotline Number	xt. sub-labels. aster label which	h was missin ction - Water Solu	in previous III uble Packa es	s version.			ner
* Certification must	Unit Packaging wgt.	container f	Package wo	gt coi	ntainer		Paper	
be submitted		İ		1		<u></u>	Other	(Specify)
	tainer	4. Size(s) F		tainer			bel	Directions accompanying product
6. Manner in Which Label is A	unixed to Product	Pa	hograph per glued enciled			Other		
			ction -					
Contact Point (Complete its Name	ems directly below for a		of individu	ual to be co	ontacte			ocess this application.; (Include Area Code)
Ann M. Tillman, Ph.D. I certify that the statements I hav I acknowledge that any knowingle	Certifice made on this form and	Technical I cation all attachment	s thereto ar			(609) 39. d complete.	2-8200 6. Da	
under applicable law.								(Stamped)
2. Signature		3. Title Technical	Director					
4. Typed Name		5. Date						
Dr. Ann M. Tillman			ary 23, 2004					

Page 1 of 10 DEVRINOL 2-G ORN. Master Container Booklet 2/23/04



MAR 6 2004

DEVRINOL® 2-G ORNAMENTAL Selective Herbicide

A Preemergence Herbicide for Weed Control in Home Flower Gardens and Landscape Plantings. Use in Deciduous and Evergreen Trees and Shrubs, Ground Covers, Perennial Flowers, Fruit and Nut Crops, Container Grown Plants, and Turfgrass

ACTIVE INGREDIENT:

Napropamide	2.0%
INERT INGREDIENTS:	
TOTAL	100.0%

Contains 2 Pounds of Active Ingredient per 100 Pounds

EPA Reg. No.: 70506-33

EPA Est. No.:

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE SIDE PANEL FOR STATEMENT OF PRACTICAL TREATMENT AND PRECAUTIONARY STATEMENTS

Made in U.S.A.

Marketed by:
United Phosphorus, Inc.
423 Riverview Plaza
Trenton, New Jersey 08611
1-800-247-1557
www.upi-usa.com

NET WEIGHT: 10.5 lb, 50 lb.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID			
If on skin or clothing	 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 in eyes	 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 inhaled	 Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. 		
If swallowed	 Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. 		

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

HOT LINE NUMBER

For Medical Emergency Assistance (Human or Animal) call the National Pesticide Information Center 1-800-858-7378. For chemical emergency: spill, leak, fire, exposure, or accident, call CHEMTREC 1-800-424-9300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Avoid contact with skin, eyes and clothing. May be harmful if swallowed. Do not breathe dust. Avoid contamination of food and feed.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

• Long-sleeved shirt and long pants.

02/23/04

- Chemical resistant gloves made of any waterproof material such as Barrier Laminate, Nitrile Rubber (> 14 mils), Neoprene rubber (> 14 mils) or Viton (> 14 mils).
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft 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.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters.

GENERAL PRECAUTIONS

- Read all instructions before using.
- Use only for recommended purposes and at recommended rates.
- Do not overdose.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Apply this product as specified on this label.

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 agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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) and restricted-entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not 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 that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: Coveralls
- Chemical resistant gloves made of any waterproof material such as Barrier Laminate, Nitrile Rubber (≥ 14 mils), Neoprene rubber (> 14 mils) or Viton (≥ 14 mils).
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter or allow others to enter the treated areas until dusts have settled.

WHAT THIS PRODUCT DOES

DEVRINOL 2-G ORNAMENTAL controls certain annual grassy and broadleaf weeds as they germinate. It does not control established weeds. The weeds controlled are listed below:

WEEDS CONTROLLED BY DEVRINOL 2-G ORNAMENTAL					
ANNUAL GRASSES:					
Barnyardgrass, Junglerice	Echinochloa spp.				
Wild Barley	Hordeum leporinum	·····			
Annual Bluegrass	Poa annua				
Bromes	Bromus				
Cheatgrass	B. secalinus				
Downy Brome	B. tectorum				
Ripgut Brome	B. rigidus				
Soft Chess	B. mollis				
Large (Hairy) Crabgrass	Digitaria sanguinalis				
Smooth Crabgrass	Digitaria ischaemum	***			
Southwestern Cupgrass	Eriochloa gracilis				
Foxtails	Setaria				
Bristly Foxtail	S verticilla				
Giant Foxtail	S. faberi				

WEEDS CONTROLLED BY DEVRINOL 2-G ORNAMENTAL					
Green Foxtail	S. viridis				
Yellow Foxtail	S. lutescens				
Goosegrass	Eleusine indica				
Seedling Johnsongrass	Sorghum halepense				
Wild Oats	Avena fatua				
Panicums	Panicum				
Guineagrass	P. Paximum				
Fall Panicum	P. dichotomiflorum				
Texas Panicum	P. texanum				
Witchgrass	P. capillare				
Italian Ryegrass	Lolium multiflorum				
Sandbur	Cenchrus spp.				
Red Sprangletop	Leptochloa filiformis				
Stinkgrass	Eragrostis cilianensis				
ANNUAL BROADLEAF WEEDS:					
Carpetweed	Mollugo verticillata				
Common Chickweed	Stellaria media				
Coast Fiddleneck	Amsinckia intermedia				
Filaree	Erodium spp.				
Groundsel	Senecio spp.				
Prostrate Knotweed	Polygonum aviculare				
Lambsquarters	Chenopodium album				
Prickly Lettuce	Lactuca serriola				
Little Mallow*	Malva parviflora				
Redroot Pigweed	Amaranthus retroflexus				
Pineappleweed	Matricaria matricarioides				
Common Purslane	Portulaca oleracea				
Horse Purslane	Trianthema portullacastrum				
Common Ragweed**	Ambrosia artemisiifolia				
Annual Sowthistle	Sonchus oleraceus				

^{*}From seed
**Suppression

WHERE TO USE THIS PRODUCT

DEVRINOL 2-G ORNAMENTAL can be applied over small ornamental plants or around larger plants in rose gardens, container plantings, ornamental landscapes and ground covers including dichondra.

Use DEVRINOL 2-G ORNAMENTAL for weed control in the following plants:

Deciduous and Evergreen Trees

Acer Eucalyptus Picea Ash Ficus Pin Oak Birch Fir Pinus Black Walnut Gleditsia **Pittosporum** Podocarpus Cedar Hemlock Citrus Japanese Larch **Populus** Prunus Crataegus Laburnum Cypress Malus Pears Dogwood Olive (Olea) Pistachios

Douglas Fir Palm (Washingtonia robusta)

Deciduous and Evergreen Shrubs

Abelia Forsythia Oleander Asparagus (Sprengeri) Gardenia Osmanthus Heather (Calluna) Aucuba Photinia Azalea Hibiscus Pittosporum Bottlebrush Honeysuckle (Lonicera) Podocarpus Bougainvillea Hypericum Pyracantha Buxus Ilex Raphiolepis Rhododendron Camellia Juniperus

Cotoneaster Leucothe Rosa

Crepe Myrtle Ligustrum Star Jasmine Dogwood Nandina Taxus Euonymus Natal Plum Viburnum Xylosema

Ground Covers

Ajuga Hedera Liriope Carpobrotus Hypericum Osteosperma Delosperma Iceplant Pachysandra Dichondra Ivy Sedum Erysimum Lantana Vinca Ganzania

Flowers

African Daisy Chrysanthemum Narcissus
Aster Dahlia Petunia

Bird of Paradise Daisy Plantain Lily (Hosta)

Geranium Zinnia

Gladiolus

8/12

CONTAINER STOCK

Abelia Eucalyptus Pachysandra

Agapanthus Euonymus Palm (Washingtonia robusta)

Ageratum Photinia Fir Forsythia Pinus spp. Asparagus Pittosporum Azalea Gardenia Bottlebrush Geranium Podocarpus Bougainvillea Heather Pyracantha Buxus Hedera Raphiolepis Camellia Rhododendron Hibiscus

Cedar Rosa Ilex Sedum Cotoneaster Juniperus Crepe Myrtle Leucothe Star Jasmine Cypress Thuia Ligustrum Dogwood Lirione Vinca Douglas Fir Nandina Xylosema

Fruit and Nuts

Almond Lemon Pistachio
Apple Nectarine Plum
Apricot Orange Prune
Cherry Peach Tangerine
Filbert Pear Walnut

Grape Pecan

Strawberry: Applications should be delayed until the desired number of daughter plants have become established. Do not apply from bloom through harvest.

WHEN TO USE THIS PRODUCT

DEVRINOL 2-G ORNAMENTAL should be used before weeds germinate. It will not control established weeds.

Application can be made anytime of the year to weed-free soil. Fall and winter applications will provide excellent weed control the following spring and summer.

In containers, apply after setting and watering the plants.

DEVRINOL 2-G ORNAMENTAL should be spread evenly on the soil surface using a shaker can or granular herbicide applicator.

Do not apply when weather conditions favor drift from areas treated.

When weed infestation is heavy or when broadleaves are the primary weeds, use one pound on 145 square feet (6.9 lbs./1,000 sq. ft.). For annual grassy weeds or when weed infestation is light, use one pound on 218 square feet (4.6 lbs/1,000 sq.ft.).

Do not apply more than 4.6 lb. DEVRINOL 2-G ORNAMENTAL per 1,000 sq. ft in California.

DEVRINOL 2-G ORNAMENTAL should be incorporated evenly into the soil using a hand cultivator to a depth of 1-2 inches or irrigation or natural moisture (rainfall or snow) (½ inch within 2-3 days) for optimum results.

For weed control in dichondra, apply at the time of seeding or to establish dichondra including dichondra sod. Irrigate with a minimum of one inch of water.

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RECOMMENDATIONS: TURF GRASS (For Use on Warm Season Grasses Only)

DEVRINOL 2-G ORNAMENTAL is recommended for annual bluegrass, crabgrass and goosegrass control in the following established turf grasses: bahia, bermudagrass, centipede, St. Augustine and fescue.

TIMING OF APPLICATION:

For control of crabgrass and goosegrass, apply DEVRINOL 2-G ORNAMENTAL at the recommended rate. Application should be made 2-3 weeks prior to weed emergence. DEVRINOL 2-G ORNAMENTAL should be applied with a gravity flow drop spreader or a cyclone type spreader. A more uniform application can be made by spreading half the required amount over the area to be treated, then applying the remainder at right angles.

DEVRINOL 2-G ORNAMENTAL requires a minimum of one half (½) inch of rainfall or irrigation 2-3 days after application for adequate control. If irrigation methods are not available, the timing of the application of DEVRINOL 2-G ORNAMENTAL should be moved back several weeks to allow for some rainfall between application and weed germination.

RATES OF APPLICATION:

For Crabgrass Control: Apply 100 to 150 lbs. of DEVRINOL 2-G ORNAMENTAL uniformly per acre (2.25-3.38* lbs per 1,000 sq. ft.). Use the higher rate when applying before January 1 (not applicable north of South Carolina or when weed infestation is expected to be heavy).

*Where a rate range is given, use the higher rate when weed infestation is expected to be heavy.

For Goosegrass Control: Apply 100 to 150 lbs. of DEVRINOL 2-G ORNAMENTAL per acre (2.25-3.38 lbs. per 1,000 sq. ft.). Goosegrass usually starts to germinate 6 to 7 weeks after the start of crabgrass germination.

Split Application for Crabgrass and Goosegrass Control: When both of these weeds are to be controlled, apply 100 lbs. of DEVRINOL 2-G ORNAMENTAL spread uniformly per acre (2.25 lbs. per 1,000 sq. ft.) for crabgrass and another 100 lbs. of DEVRINOL 2-G ORNAMENTAL per acre for goosegrass. Apply 8-10 weeks apart. Timing should be adjusted to the germination of weeds in your area. Split applications give longer and better weed control than one application.

For Annual Bluegrass (Poa Annua) Control: Annual bluegrass is a winter annual in most of the warm season turf regions; therefore, application of DEVRINOL 2-G ORNAMENTAL should be made in the fall before the annual bluegrass germinates. Apply 100-150 lbs. of DEVRINOL 2-G ORNAMENTAL per acre (2.25-3.38 lbs. per 1,000 sq. ft.).

Reseeding: Do not reseed or overseed within six months after application.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep container closed when not in use. Store in a cool dry place. Do not store near seeds, fertilizer or food stuffs.

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.

[Optional Statement for plastic containers – non-homeowner]

Plastic Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[Editor's note: for homeowner uses, use the following statements:

Pesticide Storage: Store in original container out of the reach of children and pets. In case of leak or spill, contain material and dispose of as waste.

Pesticide Disposal: If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or [insert telephone number] for disposal instructions. Never place unused product down any indoor or outdoor drain. [Editor's note; supplemental distributor will insert own toll free number.]

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, unopened, and the purchase price will be refunded.

The Directions for Use of this product should 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 the product, which are beyond the control of United Phosphorus, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold United Phosphorus and Seller harmless for any claims relating to such factors.

United Phosphorus 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 this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or United Phosphorus, and Buyer and User assume the risk of any such use. UNITED PHOSPHORUS 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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In no event shall United Phosphorus or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF UNITED PHOSPHORUS AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF UNITED PHOSPHORUS OR SELLER, THE REPLACEMENT OF THE PRODUCT.

United Phosphorus and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of United Phosphorus.

DEVRINOL® is a trademark of United Phosphorus Inc. Rev. 02/04



United Phosphorus, Inc.

423 Riverview Plaza Trenton, NJ 08611 (609) 392-8200 (phone) (609) 392-0808 (fax) Ann M. Tillman
Technical Director

February 23, 2004

Mr. James Tompkins, PM 25 Document Processing Desk (NOTIF) Office of Pesticide Programs (7504C) U.S. Environmental Protection Agency Room 266A, Crystal Mall 2 1921 Jefferson Davis Highway Arlington, VA 22202

Dear Mr. Tompkins:

DEVRINOL 2-G Ornamental Herbicide (Active Ingredient - Napropamide) EPA REG. NO. 70506-33 NOTIFICATION

To be able to subregister the above product, our supplemental distributors require some changes in the Devrinol 2-G Ornamental herbicide label. The following changes are being made and submitted as a notification:

- 1. Storage and Disposal section was revised per EPA's Label Review Manual to add the option of marketing in plastic containers. The exact wording found in the Manual is used so no amendment is required to add this text.
- 2. Added 10.5 lb as an alternate container size on master and sub-labels.
- 3. Added "Engineering Control Statement" heading to the master label which was missing in previous version.
- 4. Removed the phrase "24-Hours" from the Hotline Number.

Contents of Submission

- Transmittal document (this letter)
- Application for Pesticide, EPA Form 8570-1 (OPP Identifier No. 274764)
- Five (5) copies of the label for Devrinol 2-G Ornamental and one (1) copy highlighted to show the revised Storage and Disposal Section. In addition five (5) copies of the sublabel for Devrinol 2-G Ornamental and one (1) highlighted copy are enclosed.

If you have any questions about this notification, please contact me at (609) 392-8200.

Sincerely,

Ann M. Tillman, Ph.D. Technical Director United Phosphorus, Inc.

Enclosures