

70506-37

1/23/2013

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7504P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Registration Number:
 70506-37

Date of Issuance:
 JAN 23 2013

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Term of Issuance: **Unconditional**

Name of Pesticide Product:
Devrinol 3.75 SC Landscape and Nursery Selective Herbicide

Name and Address of Registrant (include ZIP Code):
United Phosphorus, Inc.
630 Freedom Business Center, Suite 402
King of Prussia, PA 19406

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

EPA received a label amendment request submitted on March 12, 2009. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision (RED) for **Napropamide** have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after twelve (12) months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

The basic confidential statement of formula (CSF) dated 10/03/12 and alternate CSFs #1 and #2 dated 12/21/10 are all found to be acceptable.

If you have any questions regarding this Notice, please contact Maggie Rudick at (703)347-0257 or at rudick.maggie@epa.gov.

Signature of Approving Official:

Kable Bo Davis
Product Manager 25
Herbicide Branch
Registration Division (7505P)

Date:

JAN 23 2013

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GROUP	15	HERBICIDE
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Devrinol 3.75 SC Landscape and Nursery Selective Herbicide

A Pre-emergence Herbicide for use in ornamental plants grown in nurseries and landscape plantings in commercial, industrial and residential sites, and warm season turfgrass in sod production and landscape.

ACTIVE INGREDIENT:

Napropamide: N,N-diethyl-2-(1-naphthalenyloxy)propionamide40.9%

OTHER INGREDIENTS:59.1%

TOTAL100%

Contains 3.75 lbs napropamide per gallon.

**CAUTION
KEEP OUT OF REACH OF CHILDREN**

FIRST AID	
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 SWALLOWED	<ul style="list-style-type: none"> • 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 by a poison control center or doctor. • Do not give anything by mouth to an unconscious person
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 mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
<p>Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. For medical treatment, contact the Rocky Mountain Poison Control Center at 1-866-673-6671.</p>	

For Chemical Emergency: Spill, leak, fire, exposure or accident, call CHEMTREC 1-800-424-9300.

EPA Reg. No. 70506-37
EPA Est. No

United Phosphorus, Inc.
630 Freedom Business Center, Suite 402
King of Prussia, PA 19406
1-800-438-6071

Net Weight

ACCEPTED

JAN 23 2013

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg No. 70506-37

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes and clothing. Wear long-sleeved shirt and long pants, socks, shoes, and chemical resistant gloves (such as Natural Rubber, Selection Category A).

Wash thoroughly with soap and water after use.

Avoid contamination of food and feed.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Chemical resistant gloves.
- Shoes plus socks.

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.

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. Pilots must use an enclosed cockpit that meets the requirements in the Worker Protection Standard.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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.

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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. 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 24 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.
- Shoes plus socks.
- Chemical resistant gloves made of any waterproof material.
- Eye wear.

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 sprays have dried.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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 or rinsate.

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 agency responsible for pesticide regulation.

USE PRECAUTIONS

Read all instructions before using. Use only for labeled purposes and at labeled rates. Spraying on ground heavily covered with leaves or trash may adversely affect weed control.

USE RESTRICTIONS

Do not contaminate irrigation water or water used for domestic purposes.

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

Except where specifically noted, do not apply DEVTRINOL 3.75 SC Herbicide on soil containing more than 10% organic matter.

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Do not apply to frozen ground.

Do not apply this product through any type of irrigation system.

For turf, the maximum application rate per application is 2 pounds active ingredient per acre. Make a maximum of one application per year.

Do not allow people or pets to enter treated area until sprays have dried.

USE INFORMATION

DEVIRINOL 3.75 SC is a selective surface-applied incorporated herbicide for use in certain types of newly planted or established crops. DEVIRINOL 3.75 SC does not control established weeds. All weed growth, crop stubble and/or leaf litter in the fields that can interfere with soil coverage must be thoroughly worked into the soil or removed from the treatment zone prior to planting. Carefully calibrate spray equipment before use and check frequently during application to be sure nozzles are operating properly and are delivering a uniform spray pattern.

Apply the specified rate of DEVIRINOL 3.75 SC in 10 to 50 gallons of water per acre in a low pressure boom-type sprayer.

Be sure the spray tank, boom and nozzles have been thoroughly flushed with clean water before use. Provide sufficient jet or mechanical agitation during the filling operation and during application.

Add the specified amount of DEVIRINOL 3.75 SC to the spray tank while filling with water to the desired level. Maintain agitation while mixing. If other materials are added to the spray tank, be sure that the DEVIRINOL 3.75 SC is thoroughly dispersed before other materials are added. Do not tank mix with products whose labels contain a prohibition against tank mixing. Follow the most restrictive labeling requirements of any tank mix product.

Devrinol 3.75 SC Landscape and Nursery may be applied to these ornamentals in the nursery and landscape.

Deciduous and Evergreen Trees

Acer	Elm, Siberian	Maple, Red
Alder, Black	Eucalyptus	Olive (Olea)
Ash	Ficus	Palm (Washingtonia robusta)
Balsam fir	Fir	Picea
Birch	Gleditsia	Pin Oak
Birch, European White	Golden Rain Tree	Pine, White
Black Walnut	Gum, Sweet	Pinus
Cedar	Hemlock	Pittosporum
Citrus	Japanese Larch	Podocarpus
Crataegus	Laburnum	Populus
Cypress	Little leaf Linden	Prunus
Dogwood	Malus	Spruce, Colorado Blue
Douglas Fir	Maple, Japanese	Tulip Tree
		Wisteria, Chinese

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Deciduous and Evergreen Shrubs

Abelia	Douglas Fir	Oleander
Agapanthus	Eucalyptus	Osmanthus
Arizona Fuschia	Euonymus	Palm (Washingtonia robusta)
Arrowwood	Fir	Photinia
Asparagus (Sprengeri)	Forsythia	Pinus spp.
Aucuba	Gardenia	Pittosporum
Azalea	Geranium	Podocarpus
Beach Plum	Heather (Calluna)	Pyracantha
Bottlebrush	Hibiscus	Raphiolepis
Bougainvillea	Honeysuckle (Lonicera)	Rhododendron
Buxus	Hypericum	Rosa
Camellia	Ilex	Serviceberry
Cedar	Juniperus	Star Jasmine
Cotoneaster	Leucothe	Taxus
Crepe Myrtle	Ligustrum	Thuja
Cypress	Nandia	Viburnum
Dogwood	Natal Plum	Xylosema

Fruit and Nuts

Almond	Grape	Strawberry
Filbert	Pecan	

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

Ground Covers

Ajuga	Fern, Log	Liriope
Carpobrotus	Fern, Royal	Osteosperma
Delosperma	Fern, Shaggy Shield	Pachysandra
Dichondra	Hedera	Ribbon Grass
Erysimum	Hypericum	Russian Sage
Fern, Christmas	Iceplant	Sedum
Fern, Hay-scented	Ivy	Silver sage
Fern, Japanese painted	Lantana	Vinca
Fern, Lady		

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Flowers - annuals and perennials

Ageratum	Daisy	Petunia
African Daisy	Ganzania (SP)	Pincushion Flower
Aster	Gazania (SP)	Plantain Lily (Hosta)
Beard-Tongue	Geranium	Redrocks Penastemon
Bellflower, Tussack	Leopards Bane	Speedwell
Bird of Paradise	Lilly of the Incas	Stonecrop
Blanket Flower	Moss Pink	Sun Daisy
Bleeding-Heart	Mums	Sunset Hyssop
Boltonia	Pasque Flower	Yarrow, Common
Cheddar Pink		Yellow Loosestrife
Cleyera		Zinnia
Coneflower Purple		
Dahlia		

Bulbs, tubers and corms

Daffodil	Iris	Tulip
Daylilly	Lilies	
Gladiolus	Narcissus	

CONTAINER GROWN ORNAMENTALS

Consult the above list of plant species on which **Devrinol 3.75 SC Landscape and Nursery** may be used. Devrinol 3.75 can be applied to **newly planted** container stock after soil has settled from first watering. Apply as a broadcast application over the containers. Normal irrigation or rainfall (if a fall or winter application is made in cold areas) should provide sufficient water for satisfactory weed control.

Devrinol 3.75 needs incorporation with adequate irrigation, or natural moisture (1-2 inches of rainfall or snow within 2-3 days) for optimum results.

Devrinol 3.75 may be used on several different container potting soil mixtures. These mixtures include those containing 30 percent soil and/or sand, and mixtures containing no soil. (For example: perlite, peat, bark, sawdust, and sand.)

RESIDENTIAL, COMMERCIAL AND PUBLIC GROUNDS, HIGHWAY AND INDUSTRIAL ORNAMENTALS PLANTINGS

Use as an overall (broadcast) treatment over young ornamentals or as a directed application where larger plants are growing. Irrigate soon after application or apply just before expected rain. Application is best made from fall through spring if irrigation is not available, or if application is made in an area with low summer rainfall.

GROUND COVERS

Apply **Devrinol 3.75 SC Landscape and Nursery** as a broadcast treatment over the ground covers. Irrigate immediately with at least 1 inch of water.

ANNUAL WEEDS

For annual grasses and broadleaf weeds apply 136 ounces to 205 ounces of **Devrinol 3.75 SC Landscape and Nursery** per broadcast acre (3.2 to 4.7 fl. oz. per 2 ½ gallons water per 1,000 sq. ft.).

Use the higher rate when weed populations are heavy or when broadleaves are the primary weeds.

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WEEDS CONTROLLED BY

Devrinol 3.75 SC Landscape and Nursery at the rate of 4.25 quarts (136 fl oz) Per Acre

NOTE: Devrinol 3.75 SC Landscape and Nursery does not control established weeds.

ANNUAL GRASSES	
Barnyardgrass	<i>Echinochloa spp</i>
Foxtail barley	<i>Hordeum jubatum</i>
Wild Barley	<i>Hordeum leporinum</i>
Annual Bluegrass	<i>Poa annua</i>
Bromes	<i>Bromus</i>
Cheatgrass	<i>B. secalinus</i>
Downy Brome	<i>B. tectorum</i>
Ripgut Brome	<i>B. rigidus</i>
Soft Chess	<i>B. mollis</i>
Canarygrass	<i>Phalaris canariensis</i>
Large (Hairy) Crabgrass	<i>Digitaria sanguinalis</i>
Smooth Crabgrass	<i>Digitaria ischaemum</i>
Southwestern Cupgrass	<i>Eriochloa gracilis</i>
Foxtails	<i>Setaria</i>
Bristly Foxtail	<i>S. verticilla</i>
Giant Foxtail	<i>S. faberi</i>
Green Foxtail	<i>S. viridis</i>
Yellow Foxtail	<i>S. lutescens</i>
Goosegrass	<i>Eleusine indica</i>
Seedling Johnsongrass	<i>Sorghum halapense</i>
Wild Oats	<i>Avena fatua</i>
Panicums	<i>Panicum</i>
Guineagrass	<i>P. maximum</i>
Fall Panicum	<i>P. dictotomiflorum</i>
Texas Panicum	<i>P. texanum</i>
Witchgrass	<i>P. capillare</i>
Italian Ryegrass	<i>Lolium multiflorum</i>
Sandbur	<i>Cenchrus spp.</i>
Red Sprangletop	<i>Leptochloa filiformis</i>
Mexican Sprangletop	<i>Leptochloa uninervia</i>
Stinkgrass	<i>Eragrostis cilianensis</i>
ANNUAL BROADLEAF WEEDS	
Carpeweed	<i>Mollugo verticillata</i>
Common Chickweed	<i>Stellaria media</i>
Cudweed, Purple	<i>Gnaphalium purpureum</i>
Coast Fiddleneck	<i>Amsinckia intermedia</i>
Filaree	<i>Erodium spp.</i>
Florida Pusley	<i>Richardia scabra</i>
Redstem Filaree	<i>Erodium circuitarium</i>
Galinsoga	<i>Galinsoga spp</i>
Groundsel	<i>Senecio spp.</i>
Prostrate Knotweed	<i>Polygonum aviculare</i>
Lambsquarters	<i>Chenopodium album</i>

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Prickly Lettuce	<i>Lactuca serriola</i>
Little Mallow*	<i>Malva parviflora</i>
Redroot Pigweed	<i>Amaranthus retroflexus</i>
Smooth Pigweed	<i>Amaranthus hybridus</i>
Pineappleweed	<i>Matricaria matricarioides</i>
Common Purslane	<i>Portulaca oleracea</i>
Horse Purslane	<i>Trianthema portullacastrum</i>
Common Ragweed**	<i>Ambrosia-artemisiifolis</i>
Annual Sowthistle	<i>Sonchus oleraceus</i>

*From seed

**Suppression

NOTE: All rates are given on a broadcast basis. Reduce rates proportionately for band or strip treatment.

NURSERY STOCK – FIELD GROWN

Consult list of plant species on which **Devrinol 3.75 SC Landscape and Nursery** can be used. Apply as a broadcast treatment over young nursery stock or as a directed application to larger stock either as a band or broadcast application.

Application can be made any time of the year to weed-free soil; however since **Devrinol 3.75 SC Landscape and Nursery** requires 1-2 inches of rainfall or irrigation soon after application for adequate weed control, application should be timed to take advantage of rainfall if irrigation is not available. Fall and winter applications will provide excellent weed control the following spring and summer. Do not apply to frozen ground.

APPLICATION INSTRUCTIONS

For best results, the treatment must reach the zone of weed seed germination. If rainfall does not occur within 24 hours the treatment must be shallowly incorporated or irrigated-in following application (sprinkler or flood) with sufficient water to wet the soil to a depth of 2 to 4 inches. On flat-planted or bedded crops apply before planting to well-worked soil that is dry enough to permit thorough incorporation to a depth of 1 to 2 inches. Incorporate the same day as applied, using equipment which will result in uniform incorporation of the herbicide to the desired depth. Whenever a rate range is indicated for **Devrinol 3.75 SC Landscape and Nursery**, use the low rate on light soil (coarse textured-sandy) and the high rate on heavy soil (fine textured-clay).

Do not graze treated areas.

Do not apply **Devrinol 3.75 SC Landscape and Nursery** to frozen ground.

Use as a directed spray and avoid contact with foliage.

TANK MIXTURES - LABELED CROPS

DEVTRINOL 3.75 SC may be tank mixed with other pre-emergence herbicides labeled for the same crops to provide additional weed control and for control of weeds not listed on the **Devrinol 3.75 SC Landscape and Nursery** label, and/or with contact herbicides to control emerged weeds at the time of application. Read and follow all applicable directions, restrictions and precautions on product labels, deferring to the most restrictive directions.

Make only one application per season.

For a tankmix application, apply the specified rate (see directions for use) in 10 to 50 gallons of water per acre.

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10**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 foodstuffs.

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: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple-rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or puncture and 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.

IMPORTANT INFORMATION**READ BEFORE USING PRODUCT****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 reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks 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.

Handling, storage, and use of the product by Buyer or User are beyond the control of United Phosphorus, Inc. and Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User.

To the extent consistent with applicable law, United Phosphorus, Inc. 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, Inc., and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, UNITED PHOSPHORUS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, United Phosphorus, Inc. or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product and TO THE EXTENT CONSISTENT

WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF UNITED PHOSPHORUS, INC. 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

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Rev. 1/16/13