## 961-268

18/15/2008

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## U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460

NOTICE OF PESTICIDE:

\_\_\_ Registration
\_\_X Reregistration
(under FIFRA, as amended)

961-268

Date of Issuance:

AUG 15 2008

Term of Issuance:

Name of Pesticide Product:

Greenskeeper Balan\*

Name and Address of Registrant (include ZIP Code):

Lebanon Seaboard Corporation 1600 East Cumberland Street Lebanon, PA 17042

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.

This product is reregistered in accordance with FIFRA sec. 4(g)(2)(C) provided that you:

1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.

Signature of Approving Official:

vanne J. Miller

Joanne I. Miller

Product Manager 23 Herbicide Branch

Registration Division (7505P)

Date:

AUG 1 5 2008

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2) Based on toxicity ranking per the acute toxicity review, the First Aid statements should be placed on the label in the following order:

"IF IN EYES:...
IF ON SKIN OR CLOTHING:...
IF SWALLOWED:...
IF INHALED:..."

Place the First Aid section in front of the PPE section.

- 3) Per the acute toxicity review, the word "skin" must be added to the text "Avoid contact with eyes or clothing" ("Avoid contact with eyes, skin, or clothing") currently appearing in the Hazards to Humans and Domestic Animals section. Delete "Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco."
- 4) Per the acute toxicity review, the PPE section must be revised to read:

"Personal Protective Equipment (PPE)
All loaders, applicators and other handlers must wear:
Long-sleeved shirt and long pants,
Socks plus shoes, and
Chemical-resistant gloves made of any waterproof material."

5) The entry restriction text must be revised to read:

"This product must be watered-in as soon as possible after application. Do not enter or allow other people (or pets) to enter the treated area until dusts have settled. Except for those people involved in the watering-in, do not enter or allow other people (or pets) to enter the treated areas until the watering-in is complete and the surface is dry."

6) The following application restriction text must be added to the label. Application rates currently appearing on the label in excess of the rates listed below must be revised.

#### "Cool Season Turf:

Maximum of 1.5 lbs ai per acre per application.

Maximum of 2 applications per year.

Maximum of 3 lbs ai per acre per year.

Warm Season Turf:

Maximum of 3 lbs ai per acre per application.

Maximum of 2 applications per year.

Maximum of 6 lbs ai per acre per year."

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Submit 1 copy of the final printed label for the record. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

# GREENSKEEPER BALAN\* 3 8 6

# ACTIVE INGREDIENT: 2.5% Benefin 2.5% OTHER INGREDIENTS: 97.5% TOTAL 100.0% Contains 1 pound active ingredient per 40 pound bag. Benefin CAS. No. 1861-40-1 EPA Reg. No. 961-268 EPA Est. 961-PA-01:961-IL-01 \*Trademark of Dow AgroSciences LLC. Superscript used is first letter of lot number.

# KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for additional Precautionary Statements

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO LABEL INSTRUCTIONS.

Before buying this product, read the Warranty Section elsewhere on this label.

If terms are not acceptable, return the unopened container to the place of purchase at once.

## MANUFACTURED BY: LEBANON SEABOARD CORPORATION

1600 East Cumberland Street LEBANON, PA 17042 www.lebsea.com

NET WEIGHT: 40 LBS. (18.18 kg) TREATS: 22,000 SQ. FT.

ACCEPTED with COMMENTS in EPA Letter Dated

AUG 15 2008

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

9/01-2/08

#### **CAUTIONARY STATEMENTS**

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS **CAUTION**

Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

#### Personal Protective Equipment (PPE)

All loaders applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- · Socks plus shoes

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.

#### **User Safety Recommendations**

- 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.

#### **FIRST AID**

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 a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF ON SKIN:

· Take off contaminated clothing.

- OR 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 eve 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 by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For Emergency Medical Information call (888) 208-1368.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to freshwater, marine, and estuarine fish and aquatic invertibrates including shrimp and oyster. Do not apply in a manner that will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. 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 disposing of equipment washwater or rinstate. Drift and runoff may be hazardous to aquatic organism in water adjacent to treated areas.

#### **DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconstistent with its labeling. Read all directions carefully before applying this product.

Not for use on plants grown for sale or other commercial use, or for commercial seen production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.

Application Restrictions: 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 applications.

Entry Restrictions: Do not enter or allow other people (or pets) to enter the treated area until dusts have settled. If watering in is required after the application-- except for those people involved in the watering-in - do not enter or allow other people (or pets) to enter the treated areas until the watering-in is complete and the surface is dry.

#### STORAGE AND DISPOSAL

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

Pesticide Storage: Store product in its original container in a cool, dry, locked place out of the reach of children and animals.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Commercial Container Disposal:** Completely empty container into application equipment. Then dispose of container in a sanitary landfill or by incineration, or, if allowed by State or local authorities, by burning. If burned stay out of smoke.

#### **Homeowner Container Disposal:**

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Use as directed or call your local waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

#### **GENERAL INFORMATION**

This product contains a preemergence herbicide which is applied to established turfgrasses for the control of annual bluegrass (*Poa annua*), smooth and hairy crabgrass, goosegrass (silver crabgrass or crowfoot), barnyardgrass (watergrass) and green and yellow foxtail. This product controls these annual weeds by killing their seeds as they germinate. Apply product before these annual weeds begin to germinate since it does not control established weeds.

(NOTE: Application rates listed can be shown on actual label as lbs. per acre and/or lbs. per 1,000 sq. ft.)

#### **GENERAL USE PRECAUTIONS & RESTRICTIONS**

Apply this product to the turf prior to the germination of weed grasses since it will not control established weeds. This product may thin established annual bluegrass (*Poa annua*) turfs and fine-leaved fescues at rates above [60 lbs. per acre (1.5 lbs. active ingredient) or 1 1/2 lbs. per 1,000 sq. ft.]. This product should not be applied in the spring to turfgrasses planted the previous fall. In bermudagrass areas that have been over-seeded with winter grasses, a spring application of this product may thin the over-seeded grasses. Because of varying cultural practices, this product should not be applied to newly sprigged areas of bermudagrass, St. Augustinegrass or centipedegrass until these turfs are well established.

#### **APPLICATION DIRECTIONS AND RATES**

#### Rates, Frequency and Timing of Application

Successful preemergence control of the annual grass weeds listed on this label requires proper timing of application.

Apply this product approximately 1 to 2 weeks prior to the germination of annual grass weeds. All summer annual grasses do not germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual grass weeds listed on this label, weed control results may be erratic or poor. Optimum weed control performance will be obtained if treated areas are irrigated soon after application.

Apply this product to turf before the germination of annual grass weeds. General times of application are discussed below for each type of weed. Precise time of application for a specific area will vary because of climate and individual cultural practices. Consult Experiment Station or Extension Service Weed Specialist for additional information regarding specific weed germination in your area.

Any cultural practices that disturb the soil, such as aerification or verticutting, should be done prior to applying this product.

#### 1. Spring Germinating Summer Annual Grasses - Crabgrasses, Foxtails and Barnyardgrass

#### A. Northern (Cool Season) Turfgrasses

For preemergence control apply [60 to 80 lbs. per acre (1.5 to 2 lbs. active ingredient) or 1 1/2 to 2 lbs. per 1,000 sq. ft.] of this product in the spring, prior to the onset of conditions favorable for annual weed grass seed germination.

#### B. Southern (Warm Season) Turfgrasses

For preemergence control apply [80 to 120 lbs. per acre (2 to 3 lbs. active ingredient) or 2 to 3 lbs. per 1,000 sq. ft.] of this product in the late winter or early spring, prior to annual weed grass seed germination.

In areas of the United States where germination of the annual weed grass species continues for extended periods of time, a second application of this product at the recommended rate may be made 8 to 10 weeks after initial treatment for continued control.

#### 2. Late Spring, Early Summer Germinating Annual Gra. - Goosegrass

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Although classified as a summer annual grass, goosegrass normally germinates 4 to 6 weeks later than crabyrass, foxtails and other summer annual grass species. Applications of this product should, therefore, be timed accordingly.

#### A. Northern (Cool Season) Turfgrasses

For preemergence control, apply [80 lbs. per acre (2 lbs. active ingredient) or 2 lbs. per 1,000 sq. ft.] of this product in the late spring or early summer 1 to 2 weeks prior to the expected germination of goosegrass.

#### B. Southern (Warm Season) Turfgrasses

For preemergence control, apply [80 to 120 lbs. per acre (2 to 3 lbs. active ingredient) or 2 to 3 lbs. per 1,000 sq. ft.] of this product in the late spring or early summer 1 to 2 weeks prior to the expected germination of goosegrass.

#### 3. Northern and Southern Turfgrasses

In areas of the United States where preemergence control of both early germinating annual grasses (crabgrass, foxtails and barnyardgrass) and the later germinating goosegrass is desired, two applications of this product at the recommended rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.

#### 4. Annual bluegrass (Poa annua) control

In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in thin turfgrass areas. Proper fertilization, irrigation and soil incorporated reseeding will encourage existing desirable turfgrasses and newly planted seedling turfgrasses to fill in these thin areas previously occupied by annual bluegrass.

#### A. Northern (Cool Season) Turfgrasses

For preemergence control apply [80 lbs. per acre (2 lbs. active ingredient) or 2 lbs. per 1,000 sq. ft.] of this product in late summer to early fall, or in early spring 1 to 2 weeks prior to the expected germination of annual bluegrass.

#### B. Southern (Warm Season) Turfgrasses

For preemergence control apply [120 lbs. per acre (3 lbs. active ingredient) or 3 lbs. per 1,000 sq. ft.] of this product in late summer to early fall 1 to 2 weeks prior to the expected germination of annual bluegrass. In areas of the United States where germination of annual bluegrass continues for extended periods of time, a second application of this product at [120 lbs. per acre or 3 lbs. per 1,000 sq. ft.] can be made 10 to 12 weeks after the initial treatment

#### **RESEEDING**

Chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks after applying this product. When reseeding, it is necessary that proper cultural practices, such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding results after using this product, the amount of seed used should be increased and equipment designed to place seed in contact with the soil should be employed. To insure satisfactory results after using this product, the amount of seed used should be increased. When using this product at the higher rate to control annual bluegrass (*Poa annua*) and other annual grasses, reseeding should be delayed 12 to 16 weeks after application.

#### **APPLICATION**

Apply this product evenly over the turf area without skips or misses. A more uniform application can be made by spreading half the required amount of this product over the area and then applying the remaining half at right angles or crosswise. Both drop-type and rotary-type spreaders may be used to apply this product. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. Calibrate applicators prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly.

#### SUGGESTED SPREADER SETTINGS

[Note: Registrant/Subregistrant may insert appropriate spreader setting information based on desired spreaders and recommended use rates.]

**NOTE:** Above spreader settings are approximate. Check your spreader on 100 sq. ft. and adjust to apply only 3 oz. per 100 sq. ft. Rate of walk, moisture and spreader condition can vary the spreader setting necessary to apply the correct amount.

#### WARRANTY

The Manufacturer warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions on this label, under normal conditions of use. Neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label directions, or under abnormal conditions, or under conditions not reasonably foreseeable to Manufacturer, and Buyer assumes the risk of any such use.

#### Advertising claims that may be presented on the label

• A selective preemergence herbicide for the control of crabgrass and most other annual weed grasses on lawns and golf courses in established:

Bluegrass (perennial)

Bahiagrass

St. Augustinegrass

Ryegrass (perennial)

Bermudagrass

Zoysiagrass

Fescue

Centipedegrass