



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Chemical Safety and Pollution Prevention
Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, DC 20460

EPA Reg. Number: 34704-1087
Date of Issuance: 11/13/13

Term of Issuance: Unconditional

NOTICE OF PRODUCT:

- X Registration
- Reregistration (under FIFRA, as amended)

Name of Pesticide Product: Signature 14-3-3 with PCNB Fungicide

Name and Address of Registrant (include ZIP Code):

Robert Avalos
Loveland Products, Inc.
P.O. Box 1286
Greeley, CO 80632-1286

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 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 unconditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

Signature of Approving Official:

[Handwritten signature]

Hope Johnson, Product Manager 21
Fungicide Branch/Registration Division/OPP/OCSP (7505P)

Date:

NOV 13 2013

2. Change the product registration number to "EPA Reg. No. 34704-1087".
3. Submit one copy of the revised final printed label for the record before the product is released for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

The basic confidential statement of formula dated 7/9/13 is acceptable and will be added to the regulatory file for the product. A copy of the label stamped "Accepted" is enclosed for your records.

Hope Johnson
Product Manager 21
Fungicide Branch
Registration Division (7505P)

Signature 14-3-3 with PCNB Fungicide

- Prevents and controls turfgrass diseases.
- Provides a controlled-release nitrogen feeding.
- Designed for prevention of Pink & Gray Snow Molds.

ACTIVE INGREDIENT:

Pentachloronitrobenzene (PCNB) 15.40%

OTHER INGREDIENTS: 84.60%

TOTAL 100.00%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
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 do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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 mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
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.
EMERGENCY INFORMATION	
FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

EPA REG. NO. 34704-XXXX
EPA EST. NO. 34704-MS-002
Net Weight 35LBS. (15.88KG)

ACCEPTED

NOV 13 2013

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg No. 34704-1087

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dust. This material may cause skin irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves made of any waterproof material

User Safety Requirements

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.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should 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: This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark except as noted on appropriate labels. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash waters or rinsate. This pesticide is toxic to birds and mammals. Granules on soil surface may be hazardous to terrestrial wildlife. Cover or collect any such materials spilled during loading.

GUARANTEED ANALYSIS

Total Nitrogen (N)	XX%
Available Phosphate (P ₂ O ₅)	XX%
Soluble Potash (K ₂ O)	XX%
Plant nutrients derived from.	
For Products being sold in Washington State	

Information regarding the contents and level of metals in this product is available on the Internet at <http://www.regulatory-info-lpi.com>

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.

PRODUCT INFORMATION

This product is a preventive fungicide labeled for control of certain soil borne diseases on golf course tees, greens and fairways. Best results are achieved when used in a preventive program following specified rate and application directions. Carefully read, understand and follow label directions.

Restrictions

Use of this product is prohibited on:

- golf course roughs;
 - sod farms, and industrial parks and professional and college athletic fields where turf is grown;
 - residential sites including lawns, yards and ornamental plants and gardens around homes and apartments;
 - grounds around day care facilities;
 - school yards;
 - parks;
 - playgrounds; and
 - athletic fields
- Do not graze treated areas or feed clippings to livestock.
 - Use of any hand held application equipment is prohibited.
 - Aerial application is prohibited.
 - Apply using tractor drawn equipment only.
 - Do not enter or allow others to enter treated area until treated area has been irrigated and turf has dried.

TURF

This product is a fungicide for the prevention and control of certain soil borne diseases on golf course tees, greens and fairways.

For best results use this product as a preventive application before diseases appear, however, if you do not apply as a preventive treatment, then apply this product at first sign of disease.

Following application, water areas treated with this product in order to move material down to the soil level. If treated area is subjected to flooding or unusually heavy rainfall, or if disease is severe or reappears, treat the area again.

Under certain growing conditions, a temporary discoloration of the grass may occur. This causes no harm and will disappear in a short time.

USE AND RATE REQUIREMENTS FOR GOLF COURSE TEES, GREENS AND FAIRWAYS*

DISEASE	TURF TYPE	POUNDS PRODUCT PER 1,000 SQ. FT.	APPLICATION DIRECTIONS
Brown Patch (<i>Rhizoctonia solani</i>)	Warm climate grasses such as: St. Augustine Bermuda	4.87	Apply one application in the spring or at first indication of disease. If disease is severe or reappears, retreat 3 to 4 weeks later. After application immediately irrigate with 1/4 inch water. Mowing may not occur in treated area until one day after application.
	Dichondra	4.87	Treat as above. After application immediately irrigate with 1/4 inch water.
	Cool climate grasses such as: Bluegrass Ryegrass Fescue Bent	1.30 to 1.62	Apply at first sign of disease. Repeat every 7 to 10 days during warm, damp weather. For control of existing infections, apply at higher rates as soon as symptoms appear. After application immediately irrigate with 1/4 inch water. Mowing may not occur in treated area until one day after application.
Leaf Spot/Melting Out (<i>Drechslera spp.</i> , <i>Biopolaris spp.</i> , <i>Exserohilum spp.</i>)	All	3.25 to 4.87	Make preventive applications in spring or fall of each year. For control of existing infections, apply at higher rate as soon as symptoms appear.
Dollar Spot** (<i>Sclerotinia</i> <i>Homeocarpa</i>)			If disease is severe or reappears, re-treat the area 3 to 4 weeks later. After application immediately irrigate with 1/4 inch water. Mowing may not occur in treated area until one day after application.

Table continued.

DISEASE	TURF TYPE	POUNDS PRODUCT PER 1,000 SQ. FT.	APPLICATION DIRECTIONS
Gray Snow Mold (<i>Typhula spp.</i>)	Cool climate grass	3.25 to 6.49	Make one application of 3.25 to 6.49 lbs per 1,000 sq. ft. prior to first snowfall or when temperatures remain below 60°F and extended wet conditions are expected. Application must be followed by ¼ inch of irrigation water or rainfall on day of application. If sufficient rainfall does not occur on day of application then the treated area must be irrigated with ¼ inch of water on day of application.
Pink Snow Mold (<i>Microdochium nivale</i>)		3.25 to 4.87	In the absence of snow cover, applications of 3.25 to 4.87 lbs. can be applied at 4 to 6 week intervals to maintain control when disease pressure is severe. NOTE: This product must be moved into the soil/thatch layer to be effective. Application must be followed by ¼ inch of irrigation water or rainfall on day of application. If sufficient rainfall does not occur on day of application then the treated area must be irrigated with ¼ inch of water on day of application

*Single applications must not exceed 43.56 lbs. ai/A, and total seasonal applications must not exceed 87.12 lbs. ai/A

**Use not registered by California Department of Pesticide Registration.

Square feet treated by 35 pound bag of Signature 14-3-3 with PCNB Fungicide	
Application rate: lb. product per 1,000 sq. ft.	Total square feet per bag
1.3	26,900
1.62	21,600
3.25	10,800
4.87	7,190
6.49	5,390

Spreader Settings							
These spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.							
SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS				
			Application rate: lb. product/1,000 sq. ft.				
			1.30	1.62	3.25	4.87	6.49
aa	X mph	XX ft	X	X	X	X	X
bb	X mph	XX ft	X	X	X	X	X
cc	X mph	XX ft	X	X	X	X	X

Note: This list of spreaders and settings will vary dependent on market availability of spreaders. Spreader models will be limited to tractor drawn models only. No manual push-type spreaders. (Note to EPA: This note Will not appear on final label)

These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. Calibrate all spreader equipment at the time of application to achieve labeled application rate.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage and disposal.
PESTICIDE STORAGE: Store in clean, dry place. Reseal opened bag by folding top down and securing.
PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.
CONTAINER HANDLING
Container Disposal: Nonrefillable container. Do not reuse or refill this container. <i>Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles.</i> Offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances. For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC-- 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. To the extent consistent with applicable law the buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, 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 when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A

WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

FORMULATED FOR
LOVELAND PRODUCTS, INC
P.O. BOX 1286, GREELEY, COLORADO 80632-1286