

9688-267

08-28-2007

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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

EPA Reg. Number:
9688-267

Date of Issuance:
AUG 28 2007

Term of Issuance: Conditional

Name of Pesticide Product:
Chemsico Herbicide
Granules Formula D-20

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Chemsico, Division of United Industries Corp.
P.O. Box 142642
St. Louis, MO 63114-0642

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 registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

- 1. Add the phrase "EPA Registration No. 9688-267" to the label before you release the product for shipment.

COMMENTS CONTINUED ON PAGE 2 OF THIS NOTICE OF REGISTRATION

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505P)

Signature of Approving Official:

Joanne I. Miller

Date:

AUG 28 2007

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Page 2
EPA Reg. No.81927-10
Comments Continued:

2. Submit the following data required for the registration of this pesticide product within 1 year from the date of this Notice of Registration:

EPA Guideline Data Number	Guideline Descriptor
830.6317	Storage Stability Study*
830.6320	Corrosion Characteristics Study

*Observations at 0, 3, 6, 9, & 12 month intervals.

3. Remove all advertising from labeling, a.i. "[Vigoro][Chemsico] offer complete lawn care programs ...", on page 1 of 5; "Look for other [Brand Name]. . . ." on page 5 of 5.
 4. On page 1 add the "Question & Comments: Call numbers and Web site XXX. com."
 5. On page 2, revise the claim that reads: "This product . . . will control [prevent] crabgrass if applies before it emerges and up to 4 weeks after it emerges", to read: "This product . . . will control crabgrass up to first tillering, which is when crabgrass is first visible in a lawn or turf".
 6. Submit to this Agency a copy of the purchasing order or bill of sales showing the source of the product named on the Formulator's Exemption Statement, and with which this product is to be manufactured, prior to shipment of this product. This product must be purchased by Chemsico Division of United Industries Corp from the Source of Dithiopyr in this pesticide product.
 7. 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 under the enclosed stamped copy of the label constitutes acceptance of these conditions
-

Front Panel

Chemsico Herbicide Granules Formula D-20

For Outdoor Residential Use Only.

Crabgrass Control for Home Lawns

TREATS [or COVERS] 5,000 sq ft

Pre- and Early Post-Emergence Control of Crabgrass

- A Herbicide plus Fertilizer that provides control of crabgrass and control [suppression] of listed annual grasses and broadleaf weeds.
- Contains Polyon® timed-release nitrogen for a Beautiful, Green Vibrant Lawn
- Controls [Prevents] Crabgrass all season long]

[See Appendix A for consolidated list of marketing claims]

ACCEPTED
with COMMENTS
In EPA Letter Dated:
AUG 28 2007

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

9688-267

Active Ingredient:

Dithiopyr* 0.20%

Other Ingredients: 99.80%

TOTAL 100.00%

*CAS # 97886-45-8

[Other ingredients in this product are Fertilizer, including Polyon® slow-release granules and dipropylene glycol to adhere the active ingredient on the fertilizer.]

KEEP OUT OF REACH OF CHILDREN

CAUTION See back panel for additional precautionary statements.

Net Wt. 14.5 lb (6.5 kg)

Back Panel

GUARANTEED ANALYSIS

Total Nitrogen (N).....XX.00%

X.X% Ammoniacal Nitrogen

X.X% Urea Nitrogen*

Available Phosphate (P₂O₅).....XX.00%

Soluble Potash (K₂O).....XX.00%

Derived From: Polymer-coated urea, urea, diammonium phosphate and muriate of potash.

*X.X% Slowly available urea nitrogen from polymer-coated urea.

[OPTIONAL USE TIP BOX] and [Optional Marketing Language:]

[Why Use This Product?]

[This product is specially formulated to complement the phosphorus already present in some soils and give your turf the additional primary nutrients needed for a good turf feeding. A soil test can help you determine if your soil has an adequate supply of phosphorus and if this is the best product for your soil type. Proper watering and mowing practices along with regular feedings will help promote a beautiful green lawn.]

[OPTIONAL USE TIP BOX]

[OPTIONAL PRODUCT FACTS BOX]

"To Do" List

- > Measure lawn
- > Subtract non-lawn areas
- > Apply at recommended rate

"Product Fast Facts"

- > What it Does: Provides Pre and Early Post Emergent Crabgrass Control
- > When to Use: Early Spring or Fall
- > Questions & Comments: Call X-XXX-XXX-XXXX or visit www. XXX.com

STOP. READ THIS ENTIRE LABEL BEFORE USE.

[PROJECT GUIDE]

[For a thicker, greener, more beautiful lawn, follow [Vigoro's][our] annual lawn care program. It's easy to follow and can be started at any time by simply applying the product that corresponds with the current season.

[SPRING >>>>FALL>>>]

[Early Spring - Crabgrass Preventer - appropriate product icon]

[Late Spring - Weed & Feed - appropriate product icon]

[Summer - Lawn Insect Control - appropriate product icon]

[Early Fall - Lawn Fertilizer - appropriate product icon]

[Late Fall - Winterizer - appropriate product icon]

[Vigoro][Chemsico] offers complete lawn care programs for all areas. See your

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local store associate or visit [vigoro.com] [our website] for more information about a customized program that is right for your area and turf type.]

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. *For outdoor residential use only.*

General Use Directions

1. Determine size of area to be treated – measure length and width in feet, then multiply to determine coverage area in sq ft (length x width). **Next, subtract non-lawn areas.**
2. Use the spreader setting chart to determine appropriate setting.
3. Treat as directed – thorough coverage is important. Be sure to water in after application.
4. Keep children and pets off treated areas until this material is washed into turf and grass is dry.

Before you Use

Read and follow these guidelines when you use this product:

- Apply only to lawns and ornamental turf that are well established.
- Wait at least 12 weeks after using this product before reseeding, overseeding or sprigging of grass into areas that have been treated.
- Use of product on new lawns or grass that has been weakened or stressed by drought, excessive temperatures or pests, increases chance of injury to grass.
- Heavy raking should be done prior to application as raking after application may scratch the barrier and reduce the effectiveness of this product.
- When applying around ponds or other bodies of water, do not apply in windy conditions or where product can run off into water.
- Do not use grass clippings as mulch around vegetables or fruit trees.
- [This product may be applied to flowers listed on this label.]
- **In New York – The maximum application rate of Dithiopyr is 0.25 lb of active ingredient per acre per year. Do not make more than 1 application of this product to the same area in the same year.**
- FOR ALL OTHER STATES, the maximum number of applications is 2 per year. Allow at least a four month interval between applications:

When to Use

- **In New York**, this product may be applied only in the early Spring OR early Fall for the control of weeds. **See New York directions above.**
- Product may be applied in early Spring AND early Fall for the control [prevention] of weeds.
- Product will provide up to 4 months control of listed weeds when used as directed, although length of control can be affected by weather, grass conditions and weed pressures.
- To [prevent] get control of listed weeds other than crabgrass, applications must be made before weeds emerge.

What it Does

- This product [or brand name of product] provides the essential nutrients your lawn needs to grow thick and green while forming a protective barrier on the soil that blocks crabgrass and other listed weeds from germinating.
- This product [or brand name of product] will control [prevent] crabgrass if applied before it emerges and up to 4 weeks after it emerges.
- This product will provide season long Crabgrass control [prevention], up to [3] 4 months when used as directed, although length of control can be affected by weather, grass conditions and weed pressures.

Where to Use

This product can be used on the following types of grass when applied as directed:

Cool Season Grasses: Bentgrass (creeping) [Agrostis stolonifera], Bluegrass (Kentucky) [Poa pratensis], Fescue fine [Festuca rubra], Fescue tall, [Festuca arundinacea], Ryegrass (perennial) [Lolium perenne]

Warm Season Grasses: Bahia [Paspalum notatum], Bermuda [Cynodon dactylon], Buffalograss [Buchloe dactyloides], Carpetgrass [Axonopus affinis], Centipede [Eremochloa ophiuroide], Kikuyugrass, [Pennisetum clandestinum], St. Augustine, [Stenotaphrum secundatum], Zoysiagrass [Zoysia japonica].

Weeds Controlled

Pre- and Early Post-Emergent Crabgrass [smooth, large, Southern]

Pre-Emergent (Preventative)

Grass Weeds:

Annual Bluegrass, Annual Ryegrass, Barnyardgrass, Crabgrass [smooth, large, Southern], Crowfootgrass, Goosegrass, Green Foxtail, Kikuyugrass [seedling], Perennial Ryegrass, Smutgrass [seedling], Yellow Foxtail

Broadleaf Weeds:

Bittercress, Black Medic, Buttercup Oxalis, Carolina Geranium, Carpetweed, Chickweed, Common Lespedeza, Common Purslane, Corn Speedwell, Creeping Oxalis, Henbit, London Rocket, Mare's tail, Mustard, Parsley-piert, Pineappleweed, Prostrate Spurge, Spotted Spurge, Shepherdspurge, Redroot Pigweed, Yellow Woodsorrel

Fall Application:

When applied pre-emergence (prior to germination) in late summer through early fall (late August through November) this product will control or suppress the following weeds: annual bluegrass, bittercress, common chickweed, Carolina geranium, corn speedwell, henbit, mustard, parsley-piert, pineappleweed, shepherdspurse.

HOW TO [USE] [APPLY]

Always use a fertilizer spreader. See spreader settings chart for spreader setting rates.

1. Apply this product at the rate of: 2.9 lb per 1,000 sq ft (1 bag treats 5,000 sq ft). For best results, water within 2-3 days after application.
2. Calibrate your spreader according to the spreader manufacturer's directions. Adjust settings as needed to apply the recommended rate of product.
3. Using a drop-type or rotary spreader, apply granules evenly over grass, avoiding streaking, skips or overlaps. Avoid using spreaders that apply product in narrow or concentrated bands.
4. Check calibration of spreader frequently to insure spreader is functioning properly and applying product evenly.

IMPORTANT: Follow directions carefully as over-application may cause injury to your lawn. Spreader settings are approximate. Differences may occur due to condition of spreader, speed of application, and roughness of area treated. Be sure to calibrate spreader before beginning, and adjust as necessary. **NEVER APPLY BY HAND.**

To avoid gaps and streaks, first spread border of lawn and then fill in center with uniform, parallel passes. Walk at a steady pace to apply evenly throughout the lawn.

Typically a lawn utilizes 1 to 4 lb. of nitrogen per 1000 sq. ft. per growing season. When applied as directed, this product provides lb. of nitrogen per 1000 sq. ft. Contact your local Extension Service for information specific to your geographic region.

Spreader Settings

[This 14.5 lb bag covers 5,000 sq ft. Use the settings below to apply at a rate of 2.9 lb per 1,000 sq ft.]

Rotary Spreaders	Drop Spreaders
X	X
X	X

STORAGE AND DISPOSAL

Storage: Store product in original container out of reach of children and pets.
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 for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Harmful if inhaled. Avoid breathing dust. Remove and wash contaminated clothing before reuse. Prolonged or repeated skin contact may cause allergic skin reactions in some individuals.

First Aid

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.
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.

Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment.

Environmental Hazards

This product is toxic to fish and highly toxic to other aquatic organisms including oysters and shrimp. Drift and runoff from treated turf may adversely affect aquatic organisms in adjacent aquatic sites. Do not apply when weather conditions favor drift from treated areas. Do not apply near water, storm drains or drainage ditches.

Do not apply if heavy rainfall is expected. Apply this product only to your lawn and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn. Do not contaminate water when cleaning equipment or disposing of equipment washwater.

NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

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When applied as directed, this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials.

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

[Satisfaction Guaranteed: If you apply this product [with POLYON time-released nitrogen] as directed and are not completely satisfied, send proof of purchase from this package and the original cash register receipt to the address below. We will refund the purchase price you paid.]

[The Ace® Promise If this Ace product when used for its intended purpose, fails to give you complete satisfaction, return the item to the Ace Hardware store where purchased for free replacement of the same or similar item.]

[Product Information] [Questions or comments?] [Call 1-800-332-5553]

[Visit us on the Internet or Call Our Customer Satisfaction Hotline: company.com or 1-800-332-5553]

Made in USA by Chemsico
Division of United Industries Corp.
PO Box 142642
St. Louis, MO 63114-0642

EPA Reg. No.9688-

EPA Est. No. 9688-MO-1

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APPENDIX A

CHEMSICO HERBICIDE GRANULES FORMULA D-20 OPTIONAL MARKETING CLAIMS

1. Contains POLYON® Timed-Release Fertilizer, used by professional turf managers.
2. It's [POLYON] the green inside
3. Time-Release Fertilizer – POLYON® – If it's not green ...it's not POLYON™
4. Contains TriKote® Timed-Release Fertilizer
5. Pre and early Post Emergence Control [Prevention] of Crabgrass
6. Covers 5000 sq. ft.
7. Money-Back Guarantee
8. Look for other [Brand Name] lawn and garden products. For more information about POLYON® and other products visit us on the Internet at www.fertilizer.com or call our Consumer Service Hotline at 1-800-874-8892.
9. Will not harm listed ornamentals or shrubs.
10. Non-Staining [Formula]
11. Provides up to [3] 4 months control [prevention] of crabgrass
12. Use Before or After germination of crabgrass for pre-emergent and early post-emergent [prevention] control.
13. [Prevents] Controls crabgrass for up to 120 days
14. Also controls [prevents] other grasses and broadleaf weeds such as annual bluegrass, goosegrass, yellow foxtail, spotted spurge, chickweed, oxalis, henbit and other weeds listed on this label.
15. Feeds for up to 2 months at 72° F
16. Chemnico Herbicide Granules Formula D-20 works differently from other slow-release products. POLYON timed-release nitrogen releases in response to soil temperature rather than moisture level. Other slow release products release according to the amount of moisture [present in the soil...the more moisture the quicker the nutrient release...putting your grass at risk from burning. Because fertilizer products contain POLYON timed-release nitrogen, your grass is fed for up to 2 months at 72° F.

17. Greens in 72 hours.
18. Timed-Release for Extended Feeding.
19. Prevents Crabgrass Up to 4 weeks after germination.
20. Promotes Thick, Green Growth
21. Stops Crabgrass and Many Other Weed Grasses & Broadleaf Weeds* Before They Start. (*See back for a complete list of weeds controlled).
22. Up to [3] 4 Months of Crabgrass & Weed Control [Prevention]
23. Zero Phosphate Fertilizer Specially Formulated for Lawns Located near Lakes & Streams
24. Early spring application [Apply in [Early] Spring]
25. Controls [Prevents] Crabgrass, Oxalis, Spurge, Chickweed, Henbit and many other listed weed grasses and broadleaf weeds.
26. Formulated with Nutralene®
27. Enriches Soil – Feeds the Lawn
28. Feeds up to 3 months
29. Timed-release nitrogen feeds and enriches the soil, resulting in a thick, green, strong lawn.
30. Controls [Prevents] Crabgrass up to [3] 4 Months!
31. Controls [Prevents] Weeds While Feeding Your Lawn
32. Provides a Quick Spring Green-Up
33. Controls [Prevents] Crabgrass and Other Listed Weeds
34. Turf Note Apply Early for Best Results! To win the battle against crabgrass, you must apply preventer products early in the spring season before crabgrass emerges. A good general rule is to apply [Brand Name] when forsythia bushes bloom. Apply the product to dry grass and then water it in to create a barrier at the soil level for weed prevention.
35. Contains Timed-Release Nitrogen for Extended Feeding
36. Early Spring or Fall Application
37. ENCOURAGES QUICK GREENING & PROVIDES EXTENDED FEEDING
38. Prevents crabgrass and other weed grasses
39. s weeds from ever germinating.
40. Delivers a long lasting feeding without burning, for a stronger, greener lawn.
40. What the numbers mean:

XX	XX	XX
Nitrogen (N)	Phosphate P ₂ O ₅	Potash K ₂ O
Contains Timed-Release Nitrogen for growing a thick green lawn	Improves Root and Plant Establishment	Improves Plant Hardiness & Drought Resistance

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