

9688-259

10/09/2009

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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:

9688-259

Date of Issuance:

OCT 9 2009

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Chemsico Herbicide  
Concentrate 4A

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 reregistered in accordance with FIFRA 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:

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

Date:

OCT 09 2009

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- 2) The First Aid Statements should be placed in the following order:  
If On Skin or Clothing  
If In Eyes
  
- 3) Per the diquat dibromide RED, add "This pesticide is toxic to aquatic invertebrates" to the Environmental Hazards section.
  
- 4) Delete "General" from "General Weed List". The phrase "NEW" and "NOW" may only remain on the label for 6 months from the date of this notice.

A stamped copy of the label is enclosed for your records. You must submit one copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this letter must bear the new revised label. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of the product constitutes acceptance of these conditions. This label supersedes all other previously accepted labels. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

5/20/09

Front Panel

# Chemsico

## Herbicide Concentrate

### 4A

[See Appendix For Consolidated List of Marketing Claims]

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
**OCT 9 2009**

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

9688-259

Active Ingredients:	
Diquat dibromide .....	2.30%
Fluazifop-p-butyl .....	1.15%
Dicamba, Dimethylamine salt .....	0.77%
Oxyfluorfen .....	1.92%
Other Ingredients .....	93.86%
[Total .....	100.00%

**KEEP OUT OF REACH OF CHILDREN**

**WARNING:** See [Back] [Side] [Inside] Panel), [Booklet] For additional Precautionary Statements, OR [Peel Open for Use Directions and Further Information]

**NET CONTENTS:** 16 fl oz (1 pt / 473 mL); 32 fl oz (1 qt/946 mL)

[Bracketed text – Optional Language]

### [OPTIONAL PRODUCT FACT BOX I]

**PRODUCT FACTS**  
Treats up to 1500 sq ft [Pint] [Makes up to 5 gallons]  
Treats up to 3000 sq ft [Quart] [Makes up to 10 gallons]

**KILLS WEEDS** (weed icons)  
ALL TYPES OF WEEDS AND GRASSES

**WHERE TO USE**

- [On patios, walkways or driveways]
- [In flower [beds] [gardens]
- [Around established shrubs & trees]
- [Along fences [and foundations]
- [Other areas in your yard (except in lawns)]
- [Edging around lawns]
- [In landscaping]
- [Around ornamentals]

**AMOUNT TO USE**  
Newly Emerged Weeds: 3 fl oz (6 Tbsp) per gallon of water  
General Weed Control : 5 fl oz (10 Tbsp) per gallon of water  
For Best Results: 7 fl oz (14 Tbsp) per gallon of water

**Questions & Comments:**  
(icon telephone) (icon computer)  
Call 1-800-332-5553 or visit our website.

### [OPTIONAL PRODUCT FACT BOX II]

**PRODUCT FACTS**

**WHAT IT DOES:** Kills all types of weeds and grasses [down to the root]. Prevents [weeds][weed and grass][re-growth] for up to 3 months [all season long] by creating a [an invisible barrier [that prevents new weeds from germinating]

**WHERE TO USE: Outdoors** [icon]: On patios, walkways, driveways, around flowers, shrubs and [or] trees; along fences, foundations, and in large areas

**WHEN TO USE:** For best results, apply during warm, sunny weather (above 60°F)

**Questions & Comments:**  
(icon telephone) (icon computer)  
Call 1-800-332-5553 or visit our website.

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**OPTIONAL MARKETING LANGUAGE**

[Chemsico Herbicide Concentrate 4A eliminates all types of [common][existing] weeds and grasses [as listed] and prevents new weeds from growing all season long. (illustrations) This product can be used [for] [edging around lawns] [ornamental garden plot preparation] in driveways, walkways, curbs, along fences and foundations, near trees and shrubs, in flower beds, mulch beds and other similar areas of the yard to get rid of undesirable vegetation.]

[This product [is a non-selective herbicide that] will kill any vegetation contacted and [it] will prevent [re-growth] [new weeds and vegetation from emerging] for up to 3 months. It enters plants through the leaves and moves down to the roots. This will ensure that the entire plant is eliminated. [Chemsico Herbicide Concentrate 4A][It][This product] also provides a [protective][invisible] barrier that prevents [weeds and grasses][new weeds] from [emerging][germinating][growing] for up to three [3] [months]. Avoid direct spray or drift onto desirable plants, lawn grasses, shrubs, and trees. Protect desirable plants and vegetation with a piece of plastic or cardboard. If desirable plants are accidentally sprayed, wash plants with water immediately.]

**[KILLS] [CONTROLS] MOST COMMON [TOUGH] WEEDS AND GRASSES INCLUDING:**

**[Annual weeds and grasses:** Annual ryegrass, annual bluegrass, barnyardgrass, beggarweed, black medic, blue medic, blue toadflax, brassbuttons, blue mustard, bromegrass, bur clover, buttercup, cheeseweed, chickweed, clover, common groundsel, common lambsquarters, common plantain, common ragweed, crabgrass, creeping beggarweed, diffuse lovegrass, dog fennel, evening primrose, false dandelion, fall panicum, fennel, fiddleneck, field pennycress, field sandbur, filaree, Florida pusley, foxtail, garden spurge, goosegrass, green foxtail, hemp sesbania, henbit, horseweed/marestail, ironweed, knotweed, lambsquarters, little bitter cress, London rocket, maiden cane, mallow, mayweed, mouseear chickweed\*, oxalis\*, Pennsylvania smartweed, pennywort, pigweed, prickly lettuce, prostrate spurge, puncture vine, purslane, redroot, pigweed, sandspur, shepherdspurge, smartweed, smooth cat's ear, smooth pigweed, sowthistle, spotted spurge, sprangletop, spurges, tansy mustard, tansy ragwort, teaweed, Texas panicum, tumble mustard, velvetleaf, wild geranium\*, witch grass, wild mustard, yellow nutgrass, yellow oxalis (and many other annual grasses and weeds)]

**[Perennial weeds, grasses, brush:**

Alder, artichoke thistle, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, bluegrass, broadleaf plantain, brownseed, paspalum, buckhorn plantain, bull thistle, Canada thistle, cattail, ceanothus, centipede grass, cocklebur, cogongrass, common mullein, common ragweed, coral bead, creeping Charlie, curly dock, callisgrass, dandelion, dewberry, dog fennel, false dandelion, fescue species, field bindweed, guineagrass, hairy crabgrass, horsetail, horseradish, iceplant, Joinsongrass, Kentucky bluegrass, kikuyugrass, knapweed, knawel, lantana, maiden cane, milkweed, mouseear chickweed\*, nimblewill, nutgrass (nutsedge), oldenlandia,

orchardgrass, oxalis\*, pampasgrass, pennywort, perennial ryegrass, plantain, purple cudweed\*, purple nutsedge, quackgrass, quaking aspen, ragweed, red clover, smooth bromegrass, sourdock, sowthistle, St. Augustine grass, tall fescue, tansy ragwort, Timothy, torpedograss, trumpetcreeper, vaseygrass, Virginia creeper, white clover, whitetop, wild barley, wild blackberry, wild carrot, wild morning-glory, wild oats, yarrow, yellow nutgrass, yellow starthistle, zoysia.]  
\*annual or perennial

Back Panel

**STOP.** [Read and follow label instructions] [Read Entire Label Before use] [Lift Here. Press to Reseal]

**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.*



Do not allow people or pets to touch treated plants until the sprays have dried.

**APPLICATION RESTRICTIONS**

Do not apply this product in a way that will contact any person, pet, either directly or through drift. Keep people and pets out of the area during application.

**USER SAFETY RECOMMENDATIONS**

Clothing and protective equipment exposed to this product should be washed in detergent and hot water. Such items should be kept and washed separately from other laundry.

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

Users should remove clothing and protective equipment immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

[This product is formulated for "spot" treatment of individual weeds and grasses.]

[Bracketed text – Optional Language]

**MIXING INSTRUCTIONS****[Mixing Instructions Option #1]****TANK SPRAYER** (plastic, aluminum or stainless steel)

- Add appropriate amount of concentrate to one gallon of water
- Spot treat [or spray evenly over 300 sq ft]

**DIAL TYPE HOSE-END SPRAYER**

- Set sprayer to the "fl oz/ gallon" level specified in the directions
- Use only enough product for the area to be treated.
- Close sprayer, attach to hose and apply.

**CONCENTRATE PLUS WATER [HOSE END] TYPE SPRAYER**

- Determine the amount of concentrate required
- Pour concentrate into sprayer jar to the required "fl oz" level
- Add the required amount of water to the "gals" level.
- Replace sprayer top on jar and apply

**[Mixing Instructions Option #2]****[Two Easy Steps to Mix and Apply]**

**Step #1:** Use a clean sprayer. Carefully measure and mix the amount of Chemsico Herbicide Concentrate 4A (product) and water as directed. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

**Step #2:** Spray as directed. Thorough coverage is important. Flush sprayer with clean water after each use.]

**AMOUNT TO USE [for both Mixing Instruction Options]:**

**To kill newly emerged weeds [and prevent [re-growth]][new weeds from emerging] for up to one month]:** 3 fl oz (6 Tbsp) per gallon water treats 300 sq ft

**For general weed control [to kill annual weeds and grasses][and prevent [re-growth]][new weeds from emerging] for up to two months:** 5 fl oz (10 Tbsp) per gallon water treats 300 sq ft

**For Best Results [to kill perennial weeds and grasses][and prevent [re-growth]][new weeds from emerging] for up to 3 months:** 7 fl oz (14 Tbsp) per gallon water treats 300 sq ft  
1 Tbsp = 3 tsp                                  1 fl oz = 2 Tbsp

**[EZ SPRAY REFILL DIRECTIONS]**

**Refilling the Chemsico Herbicide RTU 4A EZSPRAY:** Carefully measure and mix 7 fl oz (14 Tbsp) in one gallon of water [in the EZ Spray container]. See the EZ SPRAY label for complete directions.]

**[How To Apply]**

- Completely [wet] [cover] the foliage [leaves] of the target vegetation [plant].
- Sprayed plants begin yellowing and wilting in as little as 3 hrs, with complete kill, including the roots, in 1 to 2 weeks.
- Thoroughly cover treated [bare][soil] areas to prevent new weeds and grasses from [growing][emerging]
- Protect desirable plants with a piece of plastic or cardboard.
- If desirable plants are accidentally sprayed, wash plants with water immediately.

**[When to Apply] [Use Tips]**

- For best results apply during warm, sunny weather (above 60°F) when weeds are actively growing and no rain is forecast for 24 hours. Rainfall or watering 15 minutes after application will not wash away effectiveness.
- To avoid drift to desirable plants, apply when the air is calm.
- Do not mow, cut or otherwise disturb treated [vegetation] [weeds] or [plants] for at least 7 days following application.
- Do not make more than 2 applications per year to any given area
- Do not use on or around edible feed or food crops.
- Do not use in areas that are to be planted or seeded within 3 months
- Do not use around newly planted trees, shrubs or flowers

**[Where to Use] [Use Sites] [Use Situations]:**

**GENERAL WEED CONTROL:** Use along [near] fences, paths, patios, sidewalks, curbs and driveways, around established ornamental trees, shrubs, flower beds and plantings, around buildings. Use for trimming and edging landscapes. **Do NOT use for spot weed treatment in lawns, since Chemsico Herbicide Concentrate 4A kills all green plants, including lawn grasses.**

**[Tips for Replanting] [Replanting Instructions]**

When replanting trees, shrubs or flowers in an area treated with [Chemsico Herbicide Concentrate 4A][this product] within the last [90days][3 months]:

- [Using gardening gloves] dig the planting hole
- Set aside the soil removed from the hole

- Place the plant in the hole according to the [instructions][guide] on the plant
- Fill the hole with planting soil or other untreated soil
- Spread the soil removed from the hole in an area where no [vegetation][plants][is][are] desired

**STORAGE AND DISPOSAL**

**Pesticide Storage:** Store this product in its original container in a secure storage area. **Pesticide Disposal: If empty:** Nonrefillable container. 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**

**WARNING:** Causes skin irritation. Causes moderate eye irritation. Do not get on skin or on clothing. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco.

**First Aid**

<p><b>If in Eyes</b></p>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a Poison Control Center or doctor for treatment advice.</li> </ul>
<p><b>If on Skin or Clothing</b></p>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a Poison Control Center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a Poison Control Center, doctor, or going for treatment.</p>	

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**Environmental Hazards**

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinseate.

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

[\*If you are not satisfied with this product for any reason, send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.]

[Questions? Comments call toll-free 1-800-332-5553 or visit our website]

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

EPA Reg. No. 9688-259

EPA Est. No 9688-MO-1

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**APPENDIX**

**CHEMSICO HERBICIDE CONCENTRATE 4A  
 OPTIONAL MARKETING CLAIMS**

1. \*Guaranteed Results [\*Or Your Money Back]
2. [Better] [Best] Value
3. [Formula] Enters The Plant Within 15 minutes [Won't Wash Off]
4. Improved Formula
5. Absorbed Into The Plant
6. Absorbed On Contact
7. Control That Doesn't Wash Away
8. Controls [Hardy] [Tough] [Hard To Kill] Weeds
9. Dead [Weeds] [And] [Grass] In 24 Hours
10. Dead Weeds Guaranteed\* [\*Or Your Money Back]
11. Do-It-Yourself Weed Killer
12. Economical Concentrate

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|---|--|
| <p>13. Effective Even If It Rains</p> <p>14. Eliminates [Kills] All Common Weeds And Grasses</p> <p>15. Eliminates Roots &amp; Weeds, [Guaranteed*]</p> <p>16. Eliminates Weeds, [Guaranteed*]</p> <p>17. Exclusive Formula</p> <p>18. Fast &amp; [And] Complete</p> <p>19. Fast Acting [Formula]</p> <p>20. Fast Acting Formula!</p> <p>21. Faster Results Than The Leading Brand</p> <p>22. Fastest Replanting Available</p> <p>23. For Use [Ideal] [Can Be Used] [Use In And Around] [In] [On] [For] [Along] Flower Beds</p> <p>24. For Use [Use] [Ideal] [Can Be Used] [Use In And Around] [In] [On] [For] [Along] [Around] [Fences], [Driveways], [Walkways], [Shrubs], [Trees] [Ornamentals] [Walks] [Mulch Beds] [Gravel] [And] [Driveways] [Curbs]</p> <p>25. For Walks, Drives, Fences, Patios And Similar Areas</p> <p>26. Keeps Working, Even If It Rains</p> <p>27. Kills All Treated Weeds</p> <p>28. Kills [Even] Tough Weeds [And Grasses]</p> <p>29. Kills From The Inside Out</p> <p>30. Kills Over 155 Types Of Weeds [As Listed]</p> <p>31. Kills Over 155 Varieties Of Broadleaf And Grassy Weeds [As Listed]</p> <p>32. Kills The Entire Plant</p> <p>33. Kills The Root So Weeds Won't Grow Back</p> <p>34. Kills The Root!</p> <p>35. Kills The Weed You See And The Root You Don't</p> <p>36. Kills Weeds And Unwanted Grasses</p> <p>37. Kills Weeds And Unwanted Grasses, Roots And All</p> <p>38. Kills Weeds In [A] [One] Day</p> <p>39. No Root, No Weeds, [Guaranteed]</p> <p>40. Not Even The Leading Brand [Is Faster] [Is As Fast]</p> <p>41. Overnight Results</p> <p>42. Quick-Kill Formula</p> <p>43. Rainfast In 15 Minutes For Control That Doesn't Wash Away [Won't Wash Away]</p> <p>44. Rainfast In 15 Minutes – Starts To Enter The Plant On Contact</p> <p>45. Rainproof In 15 Minutes</p> <p>46. Rainproof In 15 Minutes For Control That Won't Wash Away</p> <p>47. Can Be Used Around Established Trees &amp; Shrubs</p> <p>48. Satisfaction Guaranteed Or Your Money Back [With Proof Of Purchase]</p> <p>49. See Results [in as Little][as fast] as 3 Hrs !</p> <p>50. Starts To Work [in as little][as fast] as 3 Hours</p> <p>51. Starts Working [in as little][as fast] as 3 Hours</p> | <p>52. Systemic Weed And Grass Killer For [Spot] Treatment Of Unwanted Weeds And Grasses</p> <p>53. Systemic Formula</p> <p>54. Won't Wash Away</p> <p>55. Works First Time, Every Time,</p> <p>56. Works In 24 Hours</p> <p>65. Works The First Time [Guaranteed*] * Or Your Money Back</p> <p>66. Works 4 Ways : (1)Results [as fast as][in as little as] 3 hrs, (2) Kills over 155 varieties of Broadleaf &amp; Grassy Weeds as listed, (3) Kills the Root, (4) Prevents re-growth for up to 3 months [season-long control]</p> <p>67. Starts Working Immediately!</p> <p>68. Use on Paved &amp; Landscaped Areas</p> <p>69. Mix with Water</p> <p>70. Visible Results as Fast as 3 Hours</p> <p>71. Rainfast in 15 Minutes</p> <p>72. [Prevents][Controls][Kills] weeds for up to 3 months [season long]</p> <p>73. [One application] kills and prevents [weeds][weeds and grasses][from coming back][all season long][for three months][for the entire season]</p> <p>74. Kills weeds and forms a protective barrier to prevent [new weeds][growth]</p> <p>75. Apply once [and you're done][for season long control]</p> <p>76. Apply once [and your done][for season long control]</p> <p>77. Once &amp; Done</p> <p>78. Makes up to 10 gallons</p> <p>79. [32 oz concentrate] makes up to 10 gallons</p> <p>80. [16 oz concentrate] makes up to 5 gallons</p> <p>81. [64 oz concentrate] makes up to 20 gallons</p> <p>82. [40 oz concentrate] makes up to 13 gallons</p> <p>83. Concentrated Formula</p> <p>84. [Now] Includes measuring cup</p> <p>85. [New][Convenient][Easy to store][Easy to use][Free] measuring cup</p> <p>86. Only one application needed [for season long control]</p> <p>87. [Weed] Killer plus preventer</p> <p>88. Dual action formula</p> <p>89. Kills existing weeds down to the roots and prevents any new weeds and grasses from growing for up to 3 months</p> |
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