

9688-139

8/20/2002

1/5



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

AUG 20 2002

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Glenda L. Mah
Chemsico
United Industries Corp.
P.O. Box 142642
St. Louis, MO 63114-0642

Dear Ms. Mah:

Subject: Conversion from MCPP to MCPP-p
Chemsico Lawn Weed Killer Concentrate
EPA File Symbol 9688-139
Your Submission Dated June 1, 2002

The Agency is conditionally approving an amendment to the registration for the above-referenced product under the authority of section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). Under this amendment the Agency is approving the conversion of the active ingredient mecoprop from its racemic form [2-(2-methyl-4-chlorophenoxy)propionic acid, or applicable salt thereof] to its single isomer form [(+)-R-2-(2-methyl-4-chlorophenoxy)propionic acid, or applicable salt thereof]. The revised labeling and Confidential Statements of Formula (CSFs) submitted in support of the conversion are acceptable with the following provisions:

1. This acceptance is based on our understanding that no changes have been made to product other than those specified within the body of your certification statement and cover letter dated June 1, 2002. No other revisions are being reviewed or considered with this action.
2. You may sell or distribute product containing the racemic form of mecoprop and bearing the previously approved labeling for 18 months from the date of this letter.
3. Update the labeling to include the following corrections:
 - Wherever it occurs on the labeling specify "mecoprop-p" and MCPP-p"


-2-

A copy of the revised CSF (Basic Formulation dated March 24, 1998) has been placed in the Agency's file for the subject product. This CSF supersedes all previously submitted CSFs for this product.

A stamped copy of the labeling is enclosed for your records. Submit one (1) copy of your final printed labeling before you release the product for shipment

If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,


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

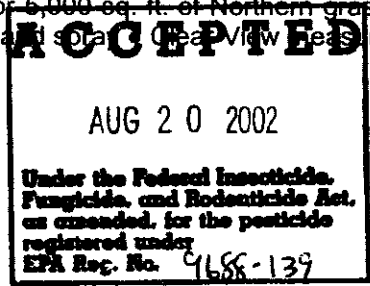
Enclosure

CHEMSICO LAWN WEED KILLER CONCENTRATE

OPTIONAL MARKETING LANGUAGE

[Treats Northern and Southern Grasses

Bluegrass, Fescue, Zoysia, Bermuda, St. Augustine, Bentgrass, Centipede, Bahia, Rye • Kills the Weeds, not the Lawn • Kills 66+ Weed Types Roots and All • Kills 66+ weeds • Kills Dandelion, Chickweed, Wild Onion, Plantain, Poison Ivy and other listed weeds. Weed details on back. • See Results in Hours • Overnight results • Economical Concentrate • Water-Based • 1 quart treats up to 10,000 square feet • Treats 10,000 sq. ft. of Southern grasses or 5,000 sq. ft. of Northern grasses • Just connect to your [garden] hose and spray [Clear-View Measuring window]



W. Klein
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5.56 OK

Active Ingredients:

* 2,4-D, dimethylamine salt	5.67%
† Mecoprop-p, dimethylamine salt	1.34%
‡ Dicamba, dimethylamine salt	0.63%
Other Ingredients.....	92.36%
Total	100.00%

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62

This product contains 4.71% lbs. of 2,4-D equivalent; 1.11% of Mecoprop-p equivalent; 0.52% of Dicamba equivalent. Contains the single isomer form of MCPP-p

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back [booklet] for additional precautionary statements

NET CONTENTS 32 FL. OZ. (1 QUART)

[OPTIONAL MARKETING LANGUAGE

Especially effective on all types of hard-to-kill weeds - Kills 66 + types of weeds - Kills weed roots! - Kills all major broadleaf weeds - Clear-View™ Measuring Window - For home lawn care - Kills over 66 weed types including dandelions, chickweed, wild onions, plantain and poison ivy - Kills broadleaf weeds in lawns

Chemsico Lawn Weed Killer Concentrate kills more than 66 types of broadleaf weeds, roots and all. It is formulated to kill only the weeds, not the lawn. Use as directed to kill all major broadleaf weeds in your lawn.

Chemsico Lawn Weed Killer Concentrate controls more than 66 troublesome weeds including dandelions, clover, plantain and wild onion. It kills even woody weeds like poison ivy and poison oak in both Northern and Southern lawns.

This *concentrated* formula covers 10,000 sq. ft. of Southern grasses or 5,000 sq. ft. of Northern grasses per quart. [Alternate: This *concentrated* formula covers up to 10,000 sq. ft. per quart. See specific directions for St. Augustine and other Southern grasses.]

Where to Use: Chemsico Lawn Weed Killer Concentrate may be used on established bahiagrass, bermudagrass, Kentucky bluegrass, centipedegrass, fescues, perennial ryegrass, St. Augustine grass and zoysiagrass home lawns and other similar areas where broadleaf weeds are present. It [Chemsico Lawn Weed Killer Concentrate] is especially effective on all hard-to-kill weeds such as poison ivy, poison oak, sheep sorrel and spurge, and it controls [kills] most other broadleaf weeds, including chickweed, clover, dandelion, knotweed and plantain. A partial list is given below [on the following panel].

WEEDS CONTROLLED

Aster, Bedstraw, Bindweed, Black Medic, Bristly oxtongue, Buck-horn, Burdock, Carolina geranium, Carpetweed, Chickweed, Chicory, Cinque foil, Clover, Cranesbill, Creeping woodsorrel, Cudweed, Dandelion, Deadnettle, Dock, Dog fennel, Dollarweed, English daisy, False dandelion, Fleabane, Filaree, Ground ivy, Hairy bittercress, Hawkweed, Healall, Henbit, Knotweed, Kochia, Lambsquarters, Lespedeza, Mallow, Matchweed, Morning glory, Mustard, Oxalis, Pearlwort, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed, Plantain, Poison ivy, Poison oak, Prickly lettuce, Prostrate vervain, Puncturevine, Purslane, Ragweed, Red sorrel, Scarlet pimpernel, Sheep sorrel, Shepherd's purse, Soliva, Speedwell, Spotted catsear, Spurge (Spot-ed), Spurweed, Thistle, Virginia buttonweed, Wild carrot, Wild garlic, Wild geranium, Wild lettuce, Wild onion, Wild violet, Yarrow (including Rocket) and other problem broadleaf weeds.

[Optional Placement: NOTE: DO NOT USE ON FLORATAM VARIETY OF ST. AUGUSTINE GRASS IN FLORIDA. If you are unsure as to what type of grass you have, contact your county extension agent.]

3/5

STOP. READ ENTIRE LABEL BEFORE USE

[STOP. READ ALL INSTRUCTIONS INSIDE BEFORE USING.]

DIRECTIONS FOR USE

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

The maximum number of broadcast applications per treatment site is 2 per year. The maximum application rate to turf is 2 pounds of 2,4-D acid equivalent per acre per application per site.



Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treated areas until spray has dried.

WHEN TO USE.

1. **SPRING:** The best time to treat weeds is when they are small and growing.
2. **FALL:** Many problem weeds germinate in the fall and a treatment then will eliminate many of next year's weeds.

[Spray any time during the growing season when weeds are active. The best time to treat is in the spring when the weeds are small. Also, many problem weeds germinate in the fall and a treatment then will eliminate many of next year's weeds.]

[HOW TO USE]

Shake container well before using.

Connect a garden hose to the Ready Spray nozzle. Make sure the dial on the nozzle is in the "OFF" position with the [green] safety tab in the valve notch. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet so you don't come in contact with the treated area.

To BEGIN spraying, point nozzle toward lawn and 1.) bend the green safety tab back with your thumb. 2.) using your other hand QUICKLY turn the dial clockwise until it stops. Water will automatically mix with the product.

Spray until wet to control weeds on [page 2]. Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas. One quart will treat 16,000 sq. ft. of Southern Lawn or 8,000 sq. ft. of Northern lawn. Calculate square feet by multiplying length by width. Refer to sight gauge [clear-view measuring window] to guide coverage (example: when bottle is half empty, you should have covered half the area). **NOTE: Do not use on Floratam variety of St. Augustine grass in Florida.**

To STOP spraying, QUICKLY turn the dial in the opposite direction of "ON" until it stops and the safety tab engages the notch on the valve. Turn water off at

faucet. To relieve pressure before removing nozzle from hose, bend the safety tab back and turn dial "ON" until water stops spraying.

To STORE unused product, make sure the dial is in the "OFF" position with [green] safety tab in the valve notch. Place in cool area away from heat, sunlight or open flame.

Northern Lawns (covers 5,000 sq. ft.)	Southern Lawns (covers 10,000 sq. ft.)
Bluegrass, Fescue, Rye, Zoysia	Bahia, Bermuda, Bentgrass, Centipede, St. Augustine
NOTE: Do not use on Floratam variety of St. Augustine grass in Florida. If you are unsure as to what type of grass you have, contact your county extension agent.	

USE TIPS

- For best results, mow before treating weeds.
- Do not treat when air temperatures exceed 85°F or damage to grass may occur.
- Do not water within 24 hours after treatment. Poor weed control may result if spray is applied just before rain or during drought.
- **For new lawns**, treat within 24 hours after seeding. **On established lawns**, wait 3 weeks after treatment before re-seeding. Once new grass has started to grow, wait until it has reached a height of 2 inches before treating.
- Do not allow spray to get on vegetables, ornamental plants, or other desirable plantings since injury may result. Do not spray around roots of trees and ornamentals. Do not exceed specified dosages for any area. Clover will be damaged if sprayed.
- Avoid sprays which are too fine because they can drift and damage other plants.
- If certain tough weeds are not dead within 3 weeks, spot treat.
- It will take about 20 minutes to apply this bottle. Actual time will vary depending on water pressure.

STORAGE AND DISPOSAL

Storage: Keep from freezing. Store in a cool, dry locked storage area, inaccessible to 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 or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS**Hazards to Humans and Domestic Animals**

CAUTION: Harmful if swallowed. Avoid contact with eyes, skin or clothing. When using this product, wear long-sleeved shirt, long pants, socks, shoes and rubber gloves. Wear goggles when using this product. After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower. The maximum number of broadcast applications per treatment site is 2 per year.

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 or Clothing:** 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 in Eyes:** 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:** Move person to fresh air. If person is not breathing, call 911 or 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 aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and Mecoprop (MCP) have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and Mecoprop pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Questions or comments? Call 1-800-332-5553

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

EPA Reg. No. 9688-139

EPA Est. No. 9688-MO-1

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