

9688-163

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
410 7th St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
9688-163

Date of Issuance:
MAY 26 2000

Term of Issuance:
Conditional

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

Name of Pesticide Product:
Chemsico Liquid Weed & Feed 5000

under FIFRA, as amended.

Name and Address of Registrant (include ZIP Code):
Chemsico, Division of United Industries Corp.
P.O. Box 15842
St. Louis, MO 63114

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 active named pesticide or herbicide registered/reregistered under the Federal Insecticide, Fungicide and Herbicide 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, in his or her discretion, may at any time suspend or cancel the registration of a pesticide or herbicide with the EPA. The acceptance of any name in connection with the registration of a pesticide or herbicide does not constitute an approval, giving the registrant a right to exclusive use of the name, if such name has been covered by others.

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

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

2. Make the following label changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 9688-163".

b. Under the heading entitled "**First Aid**," incorporate the following oral statement of practical treatment:

"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."

c. Under the section heading entitled "**Environmental Hazards**," the 2,4-D groundwater contamination statement is not required. Homeowner products that come in hose-end sprayers and do not require any further mixing do not necessitate the 2,4-D groundwater contamination statement.

Signature of Approving Official:

Date:
MAY 26 2000

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d. Under the heading entitled "**STORAGE AND DISPOSAL**," revise the contents of the storage and disposal section to read as the following:

"Storage: Store in original container in a cool, dry area away from the heat or open flame and in an area inaccessible to children and pets. Keep from freezing.
Pesticide disposal: Securely wrap container in several layers of newspaper and discard in trash. **Container disposal:** Do not reuse container."

3. Submit (2) two copies of the revised final printed label for the record.

A stamped "Accepted with Comments" copy of the label is enclosed for your records.

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.

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

Enclosures

CONCURRENCES

SYMBOL ▶	7505C							
SURNAME ▶	MHoward							
DATE ▶	May 26, 2000							



LIQUID WEED & FEED 5000

[Controls [kills] dandelion, chickweed, knotweed, plantain, clover, mallow, purslane and many other listed broadleaf weeds • Kills all major broadleaf weeds • The fast, easy way to control weeds and fertilize your lawn • Fertilize and control weeds in one easy application • 20-0-0 Fertilizer • One 64 oz. bottle treats up to 7,500 sq. ft. • 64 oz. (2 qt.) treats 5,000 sq. ft. of Northern grasses and 7,500 sq. ft. of Southern grasses • Do-it-yourself weed control • Just connect to your [garden] hose and spray • Easy-to-use spray-ready nozzle • No spreading . . . No complicated mixing • Easy-View [Clear-View] measuring window]

Active Ingredients:
 *2,4-D, dimethylamine salt 2.26%
 **Mecoprop, dimethylamine salt† 1.17%
 Other Ingredients 96.57%
 [*0.178 lbs. 2,4-D acid equivalent per gallon or 1.88%. **0.092 lbs. Mecoprop acid equivalent per gallon or 0.97%. †Contains single isomer form of Mecoprop-P. [Isomer specific by AOAC methods.]

KEEP OUT OF REACH OF CHILDREN

CAUTION See back [booklet] for additional precautionary statements

NET CONTENTS 2 QUARTS [64 FL OZ./1.89 L]

NET WT. 5.17 LB./2.34 kg

OPTIONAL MARKETING LANGUAGE

[Chemsico's annual lawn program makes it easy to have a beautiful lawn. Use all 5 products for a complete lawn program or customize the program by using only the products your lawn needs.

Using the Chemsico annual lawn program is easy! Each product has an easy-to-use spray ready nozzle that you attach to a garden hose and spray. No spreading or complicated mixing is required.

Chemsico's Annual Lawn Program Includes:

Lawn Food plus Crabgrass Preventer (working name)
 Use in early spring to stop crabgrass before it can start.

Lawn Food plus Weed Control (working name)
 Use April through June to keep your lawn weed free.

Lawn Food plus Insect Control (working name)
 Use June through August to keep your lawn strong and insect free.

Liquid Lawn Food (working name)
 Use August through September or anytime during the growing season to keep your lawn green and strong.

Winterizer (working name)
 Use October through November

Chemsico Liquid Weed & Feed 5000 controls chickweed, clover, dandelion, knotweed, plantain, and most other broadleaf weeds while feeding your lawn for two months. Apply in April - June for a lush, green, weed-free lawn.

Chemsico Liquid Weed & Feed 5000 is [so much] easier than applying granules! With granules you have to wrestle with a big bag [of fertilizer], pour it into the spreader, push the spreader around your lawn and then water it in! (On top of that, you have to purchase an expensive spreader.) With Chemsico, you skip to the last step[, just water it in!]

ACCEPTED
 with COMMENTS
 In EPA Letter Dated

Chemsico Liquid Weed & Feed 5000 can be used on lawns, playgrounds, and other similar areas [where broadleaf weeds are present]. Chemsico Liquid Weed & Feed 5000 controls most broadleaf weeds, including sensitive weeds such as chickweed, clover, dandelion, knotweed, and plantain. One 64 oz. bottle will treat up to 7,500 sq. ft. of lawn.

[One 64 oz. bottle covers 7,500 sq. ft. of Southern grasses or 5,000 sq. ft. of Northern grasses. See specific directions for St. Augustine and other Southern grasses.]

GUARANTEED ANALYSIS [20-0-0]

Total Nitrogen (N) 20%

20% Nitrogen derived from urea.

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

[KILLS] [CONTROLS] [WEEDS CONTROLLED]

[Use [Chemsico Liquid Weed & Feed 5000] as directed to treat the following weeds in your lawn:]

Aster, bedstraw, beggarticks, bindweed, black medic, bristly oxtongue, buckhorn, burdock, buttercup, Canada thistle, Carolina geranium, carpetweed, chickweed, chicory, cinque foil, clover, cranesbill, creeping woodsorrel, cutweed, curled dock, dandelion, deadnettle, dock, dog fennel, dollarweed, English daisy, false dandelion, flaree, fleabane, Florida pursley, galinsoga, ground ivy, hairy bittercress, hawkweed, healall, henbit, knotweed, kochia, lambsquarter, lespedeza, mallow, matchweed, morning glory, mustard, oxalis (woodsorrel), pearlwort, pennycress, pennywort, pepperweed, pigweed,

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plantain, prickly lettuce, prostrate vervain, puncturevine, purslane, ragweed, St. Johnswort, scarlet pimpernel, shepherds-purse, soliva, sorrel (including red and sheep), speedwell, spotted catsear, spurge, spurweed, thistle, veronica, wild carrot, wild geranium, wild garlic, wild lettuce, wild onion, wild violet, yarrow, and yellow rocket.

[PEEL HERE PRESS TO RESEAL
Read all instructions inside before using.]

STOP. READ ENTIRE LABEL BEFORE USE.

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.*



Keep people (other than applicator) or pets off treated areas during application and afterwards until spray has dried.

WHEN TO USE

For best results, treat weeds in spring and fall when weeds are actively growing. However, this product is effective anytime during the growing season. Spray when weeds are small.

Do not apply when grass is emerging from dormancy. Do not treat lawns during periods of stress, i.e. heat, drought, flooding, disease, insects, excessive fertilizer or pesticide use, etc. *For new lawns*, wait until grass has reached a height of 2 inches before treating.

Do not apply when temperatures are above 85°F as injury to lawn can occur.

WHERE TO USE

[Controls broadleaf weeds commonly found in cool season [Northern] and warm season [Southern] grasses.] May be used on St. Augustine, bent, Bermuda, fescue, perennial rye, and Kentucky bluegrass lawns.

Do not use on carpetgrass (*Lippia*), centipede grass, dichondra,

or on lawns where desirable clovers are present. Do not use on 'Floritam' St. Augustine grass in Florida.

Do not use for controlling weeds in flower or vegetable beds, around ornamental plantings, trees, shrubs or other desirable plants since injury may occur. Do not allow spray to drift onto desirable plants since injury may result.

HOW TO USE

Use only at the rates given for any area. Determine the size of the area (lawn) to be treated. To calculate square feet, multiply length by width. Weeds will show signs of leaf curl in a few days.

Start at the farthest point to be treated and work backward so you don't walk over treated area. Walk at a steady pace and spray using a side to side motion, slightly overlapping the treated area.

The entire [64 oz.] bottle will treat 7,500 sq. ft. of Southern lawns or 5,000 sq. ft. of Northern lawns.] Refer to [sight gauge] [Easy-View] [Clear-View] measuring window] to guide coverage (when bottle is half empty, you should have covered half the area).

NORTHERN LAWNS (covers 5,000 sq. ft.)	SOUTHERN LAWNS (covers 7,500 sq. ft.)
Bermuda, Fescue, Kentucky bluegrass, Perennial rye	St. Augustine, Bent
Do not apply to 'Floritam' St. Augustine grass in Florida. If you are unsure as to what type of grass you have, contact your county extension agent.	

The maximum application rate to lawns is 0.8 pounds of 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast (overall lawn) applications per treatment site is 2 per year.

[HOW TO USE READY-SPRAY NOZZLE]

1. *Shake container well before using.*
2. Connect a garden hose to the spray ready nozzle. [graphic] Make sure the large round water control dial on the nozzle is in the "OFF" position (tab is vertical). [graphic]
3. Turn on water at faucet. Extend hose to the farthest area of lawn to be treated.

Twist the small star-shaped product control button to align the flat portion with the lock tab. Push the button in to open. [graphic]

4. To BEGIN spraying, point nozzle towards lawn and turn the large round water control dial to the "ON" position (tab is horizontal). Water will automatically mix with the product. [graphic]
5. Walk at a steady pace while spraying the area.
6. To STOP spraying turn large round water control dial to the "OFF" position. Push in opposite side of small star-shaped product control button to close. Turn star-shaped button so that it is no longer aligned with the flat portion of the lock tab. Turn off water at faucet.

To relieve pressure, turn large round water control dial to "ON" position and wait until water stops spraying before removing nozzle from hose.
7. To STORE unused product, place in cool area away from heat, direct sunlight or open flame. **KEEP FROM FREEZING.**

USE TIPS

- ✓ For best results, water lawn thoroughly 1 to 2 days before treating. Poor weed control will result if rainfall or watering occurs within 24 hours after application. It's also a good idea to mow 1 to 2 days before treating.
- ✓ Wait 3 weeks after treatment before seeding or planting grass plugs.
- ✓ Some hard-to-kill weeds may require additional treatments.
- ✓ If you apply more than once, wait at least 3 weeks between applications — some weeds can take that long to die. *Excessive spraying can injure stressed or sensitive lawns.*
- ✓ A lawn will typically utilize 1 to 4 pounds of nitrogen per 1,000 sq. ft. each growing season. When applied as directed, this product supplies 0.17 lbs. (Southern) or 0.23 lbs. (Northern) of nitrogen per 1,000 sq. ft. with each application. Using this product with the other 4 *Chemsico Annual Lawn Program* products will provide one pound of nitrogen per 1,000 sq. ft. each growing season. [Using

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Chemsico Liquid Weed & Feed 5000 with the other products in the *Chemsico Annual Lawn Program* will provide one pound of nitrogen per 1,000 sq. ft. each growing season.) Consult your local agricultural extension agent for the proper amount of nitrogen to be applied in your area.

STORAGE AND DISPOSAL

Store in original container in a cool, dry area away from heat or open flame and in an area inaccessible to children and pets. *Keep from freezing.* Do not reuse container. Securely wrap container in several layers of newspaper and discard in trash.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes eye irritation. Harmful if inhaled or absorbed through skin. Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist. Wear goggles when applying this product. When using this product, wear long-sleeved shirt, long pants, socks, shoes and rubber gloves.

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.

First Aid

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. **If on Skin:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. **If Inhaled:** Move person to fresh air. If 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 the 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. Do not apply when weather conditions favor drift from target area.

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 800-332-5553

Made in the USA for Chemsico, Division of United Industries Corporation, P.O. Box 15842, St. Louis, MO 63114-0842

EPA Reg. No. 9688-XXX

EPA Est. No. 9688-MO-1

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OPTIONAL MARKETING LANGUAGE

[Attach to hose & spray! • The easy way to control weeds and fertilize your lawn • No spreading . . . no complicated mixing • Measuring window on bottle • Covers 5,000 sq. ft. • Use April - June • Kills over 100 varieties of broadleaf weeds • For fast lawn greenup • For [dark.] green lawns **FAST!** • For a thicker, greener lawn • Second of 5 steps to a beautiful lawn • Apply in spring • Part of the Chemsico Annual Lawn Care Program • Application reminder sticker for your calendar included • Kills dandelions & other broadleaf weeds • Feeds up to 2 months • 64 fl. oz. treats 5,000 sq. ft. • Easy to use spray-ready nozzle • Controls broadleaf weeds while feeding your lawn • For a weed-free lawn • Spray-ready • For a [green] [thick] [hardy] [dense] lawn • Easy-to-use - just attach to hose and spray • Ready-to-use • No mixing required • Premixed • Concentrated formula covers up to [5,000] [7,500] sq. ft. • Works faster than weed killers [products] alone •

Covers an average size [U.S.] lawn • Won't burn your lawn • Step 2 of Chemsico's Annual Lawn Program • Part of a total lawn care system • Only takes 15 minutes to apply • Simple system • Applies in minutes • Works on cool and warm season grasses • Won't harm most [ornamentals] [trees] [plants] • Kills all major broadleaf weeds • Kills the root • Systemic action • High nitrogen for fast green-up • [For] green lawn, brown weeds • Eliminates weeds • Eliminates competition from weeds • Nutrients go to the grass, not the weed • Feed your grass, not the weeds • Weeds hate it, lawns love it! • One Step - Just water in • Kills weeds, not lawns • Grass grows, weeds go! • Easier to use than granular fertilizers • Feeds faster than granular fertilizers • Lasts as long as granular fertilizers • Comfortable handle • Easy grip handle • Most technologically advanced sprayer available • 24 hour weed control • Works in a day! • 24 hr. green up • Fast acting • Aim & Spray • [Feeds fast and] keeps feeding for 2 months • Fast feeding, long lasting formula • Grows the grass you want, kills the weeds [you don't] [want] • No surge growth

Visit our web site at [www . . .](http://www...) and register to receive *Chemsico's Annual Lawn Care Program* reminders. We'll let you know via e-mail when it's time for you to use one of the Chemsico lawn care products on your lawn. You'll get five e-mails per year starting with Chemsico's Lawn Food plus Crabgrass in the Spring and ending with Chemsico's Winterizer in Late Fall. We'll help you use the products at the right time and make sure you don't forget!

ALTERNATE HOSE-END SPRAYER DIRECTIONS

1. Shake well before using.
2. Connect attached spray nozzle to garden hose. Turn the water control "ON/OFF" valve on top of nozzle to the "OFF" position.
3. Turn on water at faucet. Extend hose to the farthest area of lawn to be treated.
4. Rotate the product control valve forward to open. This allows the contents to mix with water.
5. To begin spraying, point nozzle towards lawn and turn the

water control valve to the "ON" position. The water automatically mixes with the product.

6. Walk at a steady pace while spraying using an even side-to-side sweeping motion, slightly overlapping treated areas. One 64 oz. bottle will treat 7,500 sq. ft. of Southern lawn or 5,000 sq. ft. of Northern lawn. Refer to [sight gauge] [Easy-View] [Clear-View] measuring window to guide coverage (when bottle is half-empty, you should have covered half the area).
7. To stop spraying, turn the water control valve to "OFF". Rotate the product control valve to upright position to close. To relieve pressure, turn water "ON/OFF" valve to the "ON" position before removing nozzle from hose.
8. To STORE unused product, place in cool area away from heat, direct sunlight or open flame. KEEP FROM FREEZING.